ERCOT Load Profiling Guide

October 1, 2014

ERCOT Load Profiling Guide
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ERCOT Load Profiling Guide
Section 1: Introduction

October 1, 2010

1 INTRODUCTION

1.1 Purpose of the Load Profiling Guide

Load Profiling within the ERCOT market is the practice of estimating 15-minute interval Load for Customers who do not have devices that measure interval consumption. Load Profiling enables the participation of these Customers in the ERCOT market. This practice shall be conducted in a way that attempts to minimize the Load Profile's contribution to Unaccounted for Energy (UFE) by the Load Profile overall Settlement Intervals and that no unfair advantage is given to any Market Participant.

1.2 Document Purpose

(1) The purpose of the Electric Reliability Council of Texas (ERCOT) Load Profiling Guide (LPG) is to explicate the language and intent in the Protocols that affect Load Profiling. It is not a substitute for the ERCOT Protocols or the Public Utility Commission of Texas (PUCT) Substantive Rules. Each Market Participant shall comply with the Protocols and the PUCT Substantive Rules. In the event of a conflict of Protocols or PUCT Substantive Rules, the Protocols and PUCT Substantive Rules take precedence over the LPG.

(2) This LPG may be updated monthly. The most recent version of this LPG is posted on the ERCOT website.

ERCOT Load Profiling Guide
Section 2: Load Profiling Guide Revision Process

June 1, 2014

2 LOAD PROFILING GUIDE REVISION PROCESS

2.1 Introduction

(1) A request to make additions, edits, deletions, revisions, or clarifications to this Load Profiling Guide (LPG), including any attachments and exhibits to this LPG, is called a Load Profiling Guide Revision Request (LPGRR). Except as specifically provided in other sections of this LPG, this Section 2, Load Profiling Guide Revision Process, shall be followed for all LPGRRs. ERCOT Members, Market Participants, Public Utility Commission of Texas (PUCT) Staff, ERCOT, and any other Entities are required to utilize the process described herein prior to requesting, through the PUCT or other Governmental Authority, that ERCOT make a change to this LPG, except for good cause shown to the PUCT or other Governmental Authority.

(2) The "next regularly scheduled meeting" of the Profiling Working Group (PWG), Commercial Operations Subcommittee (COPS), Technical Advisory Committee (TAC), or the ERCOT Board shall mean the next regularly scheduled meeting for which required Notice can be timely given regarding the item(s) to be addressed, as specified in the appropriate ERCOT Board or committee procedures.

(3) Throughout the LPG, references are made to the ERCOT Protocols. ERCOT Protocols supersede the LPG and any LPGRRs must be compliant with the ERCOT Protocols. The ERCOT Protocols are subject to the revision process outlined in Protocol Section 21, Process for Nodal Protocol Revision.

(4) ERCOT may make non-substantive corrections at any time during the processing of a particular LPGRR. Under certain circumstances, however, the LPG can also be revised by ERCOT rather than using the LPGRR process outlined in this Section.

   (a) This type of revision is referred to as an "Administrative LPGRR" or "Administrative Changes" and shall consist of non-substantive corrections, such as typos (excluding grammatical changes), internal references (including table of contents), improper use of acronyms, references to ERCOT Protocols, PUCT Substantive Rules, the Public Utility Regulatory Act (PURA), North American Electric Reliability Corporation (NERC) regulations, Federal Energy Regulatory Commission (FERC) rules, etc., and revisions for the purpose of maintaining consistency between Section 2, Load Profiling Guide Revision Process, and Protocol Section 21, Revision Request Process.

   (b) ERCOT shall post such Administrative LPGRRs on the ERCOT website and distribute the LPGRRs to the PWG at least ten Business Days before implementation. If no Entity submits comments to the Administrative LPGRR in accordance with paragraph (1) of Section 2.4.3, Profiling Working Group Review and Action, ERCOT shall implement it according

to paragraph (4) of Section 2.7, Revision Implementation. If any ERCOT Member, Market Participant, PUCT Staff, or ERCOT submits comments to the Administrative LPGRR, then it shall be processed in accordance with the LPGRR process outlined in this Section 2.

2.2 Submission of Load Profiling Guide Revision Request

The following Entities may submit a Load Profiling Guide Revision Request (LPGRR):

(a) Any Market Participant;

(b) Any ERCOT Member;

(c) Public Utility Commission of Texas (PUCT) Staff;

(d) ERCOT; and

(e) Any other Entity who resides (or represents residents) in Texas or operates in the Texas electricity market.

2.3 Profiling Working Group

(1) The Profiling Working Group (PWG) shall review and recommend action on formally submitted Load Profiling Guide Revision Requests (LPGRRs) provided that:

(a) PWG meetings are open to ERCOT, ERCOT Members, Market Participants, and the Public Utility Commission of Texas (PUCT) Staff; and

(b) Each Market Segment is allowed to participate.

(2) Where additional expertise is needed, the PWG may request that the Commercial Operations Subcommittee (COPS) refer an LPGRR to existing Technical Advisory Committee (TAC) subcommittees, working groups or task forces for review and comment on the LPGRR. Suggested modifications or alternative modifications if a consensus recommendation is not achieved by a non-voting working group or task force, to the LPGRR should be submitted by the chair or the chair's designee on behalf of the commenting TAC subcommittee, working group or task force as comments on the LPGRR for consideration by the PWG. However, the PWG shall retain ultimate responsibility for the processing of all LPGRRs.

(3) The PWG shall ensure that the Load Profiling Guide (LPG) is compliant with the ERCOT Protocols. As such, the PWG shall monitor all changes to the ERCOT Protocols and initiate any LPGRRs necessary to bring the LPG in conformance

with the ERCOT Protocols. The PWG shall also initiate a Nodal Protocol Revision Request (NPRR) if such a change is necessary to accommodate a proposed LPGRR prior to proceeding with that LPGRR.

(4) ERCOT shall consult with the PWG chair to coordinate and establish the meeting schedule for the PWG. The PWG shall meet at least once per month, unless no LPGRRs were submitted during the prior 24 days, and shall ensure that reasonable advance notice of each meeting, including the meeting agenda, is posted on the ERCOT website.

2.4 Load Profiling Guide Revision Procedure

2.4.1 Review and Posting of Load Profiling Guide Revision Requests

(1) Load Profiling Guide Revision Requests (LPGRRs) shall be submitted electronically to ERCOT by completing the designated form provided on the ERCOT website. ERCOT shall provide an electronic return receipt response to the submitter upon receipt of the LPGRR.

(2) The LPGRR shall include the following information:

(a) Description of requested revision and reason for suggested change;

(b) Impacts and benefits of the suggested change on ERCOT market structure, ERCOT operations, and Market Participants to the extent that the submitter may know this information;

(c) Impact Analysis (applicable only for an LPGRR submitted by ERCOT);

(d) List of affected Load Profiling Guide (LPG) sections and subsections;

(e) General administrative information (organization, contact name, etc.); and

(f) Suggested language for requested revision.

(3) ERCOT shall evaluate the LPGRR for completeness and shall notify the submitter within five Business Days of receipt if the LPGRR is incomplete, then ERCOT shall include the reasons for such status. ERCOT may provide information to the submitter that will correct the LPGRR and render it complete. An incomplete LPGRR shall not receive further consideration until it is completed. In order to pursue the LPGRR, a submitter must submit a completed version of the LPGRR.

(4) If a submitted LPGRR is complete or once an LPGRR is completed, ERCOT shall post the LPGRR on the ERCOT website and distribute to the Profiling Working Group (PWG) within three Business Days.

2.4.2 Withdrawal of a Load Profiling Guide Revision Request

(1) A submitter may withdraw or request to withdraw an LPGRR by submitting a completed Request for Withdrawal form provided on the ERCOT website. ERCOT shall post the submitter's Request for Withdrawal on the ERCOT website within three Business Days of submittal.

(2) The submitter of an LPGRR may withdraw the LPGRR at any time before the PWG recommends approval of the LPGRR. If the PWG has recommended approval of the LPGRR, the Request for Withdrawal must be approved by the Commercial Operations Subcommittee (COPS) if the LPGRR has not yet been recommended for approval by COPS.

(3) If COPS has recommended approval of the LPGRR, the Request for Withdrawal must be approved by the Technical Advisory Committee (TAC) if the LPGRR has not yet been approved by TAC.

(4) If TAC has recommended approval of an LPGRR that requires an ERCOT project for implementation, the Request for Withdrawal must be approved by the ERCOT Board if the LPGRR has not yet been approved by the ERCOT Board.

(5) Once an LPGRR that requires an ERCOT project for implementation is approved by the ERCOT Board or an LPGRR that does not require an ERCOT project for implementation is approved by TAC, such LPGRR cannot be withdrawn.

2.4.3 Profiling Working Group Review and Action

(1) Any ERCOT Member, Market Participant, Public Utility Commission of Texas (PUCT) Staff or ERCOT may comment on the LPGRR.

(2) To receive consideration, comments must be delivered electronically to ERCOT in the designated format provided on the ERCOT website within 14 days from the posting date of the LPGRR. Comments submitted after the 14 day comment period may be considered at the discretion of the PWG after these comments have been posted. Comments submitted in accordance with the instructions on the ERCOT website, regardless of date of submission, shall be posted on the ERCOT website and distributed electronically to the PWG within three Business Days of submittal.

(3) The PWG shall consider the LPGRR at its next regularly scheduled meeting after the end of the 14 day comment period. At such meeting, the PWG may take action on the LPGRR. In considering action on an LPGRR, the PWG may:

(a) Recommend approval of the LPGRR as submitted or as modified;

(b) Recommend rejection of the LPGRR;

(c) If no consensus can be reached on the LPGRR, present options for COPS consideration;

(d) Defer decision on the LPGRR; or

(e) Recommend that COPS refer the LPGRR to a subcommittee, working group, or task force as provided in Section 2.3, Profiling Working Group.

(4) Within three Business Days after the PWG takes action, ERCOT shall issue a PWG Report reflecting the PWG action and post it on the ERCOT website. The PWG Report shall contain the following items:

(a) Identification of submitter;

(b) LPG language recommended by the PWG, if applicable;

(c) Identification of authorship of comments, if applicable;

(d) Proposed effective date of the LPGRR;

(e) Recommended priority and rank for any LPGRRs requiring an ERCOT project for implementation; and

(f) PWG action.

2.4.4 Comments to the Profiling Working Group Recommendation Report

(1) Any ERCOT Member, Market Participant, PUCT Staff, or ERCOT may comment on the PWG Report. Within three Business Days of receipt of comments related to the PWG Report, ERCOT shall post such comments on the ERCOT website. Comments submitted in accordance with the instructions on the ERCOT website, regardless of date of submission, shall be posted on the ERCOT website within three Business Days of submittal..

(2) The comments on the PWG Report will be considered at the next regularly scheduled PWG or COPS meeting where the LPGRR is being considered.

2.4.5 Load Profiling Guide Revision Request Impact Analysis

(1) ERCOT shall submit to the PWG an initial Impact Analysis based on the original language in the LPGRR with any ERCOT-sponsored LPGRR. The initial Impact Analysis will provide the PWG with guidance as to what ERCOT computer systems, operations, or business functions could be affected by the LPGRR as submitted.

(2) If PWG recommends approval of an LPGRR, ERCOT shall prepare an Impact Analysis based on the proposed language in the PWG Report. If ERCOT has

already prepared an Impact Analysis, ERCOT shall update the existing Impact Analysis, if necessary, to accommodate the language recommended for approval in the PWG Report.

(3) The Impact Analysis shall assess the impact of the LPGRR on ERCOT computer systems, operations, or business functions and shall contain the following information:

(a) An estimate of any cost and budgetary impacts to ERCOT for both implementation and ongoing operations;

(b) The estimated amount of time required to implement the LPGRR;

(c) The identification of alternatives to the LPGRR that may result in more efficient implementation; and

(d) The identification of any manual workarounds that may be used as an interim solution and estimated costs of the workaround.

(4) Unless a longer review period is warranted due to the complexity of the proposed PWG Report, ERCOT shall issue an Impact Analysis for an LPGRR for which PWG has recommended approval of prior to the next regularly scheduled PWG meeting. ERCOT shall post the results of the completed Impact Analysis on the ERCOT website. If a longer review period is required by ERCOT to complete an Impact Analysis, ERCOT shall submit comments with a schedule for completion of the Impact Analysis to the PWG.

2.4.6 Profiling Working Group Review of Impact Analysis

(1) After ERCOT posts the results of the Impact Analysis, the PWG shall review the Impact Analysis at its next regularly scheduled meeting. The PWG may revise its PWG Report after considering the information included in the Impact Analysis or additional comments received on the PWG Report.

(2) After consideration of the Impact Analysis and the PWG Report, ERCOT shall issue a revised PWG Report and post it on the ERCOT website within three Business Days of the PWG consideration of the Impact Analysis and PWG Report. If the PWG revises the proposed LPGRR, ERCOT shall update the Impact Analysis, if necessary and issue the updated Impact Analysis to COPS. If a longer review period is required for ERCOT to update the Impact Analysis, ERCOT shall submit comments with a schedule for completion of the Impact Analysis to COPS.

(3) If the LPGRR requires an ERCOT project for implementation, at the same meeting the PWG shall assign a recommended priority and rank for the associated project.

2.4.7 Commercial Operations Subcommittee Vote

(1) COPS shall consider any LPGRRs that the PWG has submitted to COPS for consideration for which both a PWG Report and an Impact Analysis (as updated if modified by the PWG under Section 2.4.6, Profiling Working Group Review of Impact Analysis) have been posted on the ERCOT website. The following information must be included for each LPGRR considered by COPS:

(a) The PWG Report and Impact Analysis; and

(b) Any comments received in timely manner in response to the PWG Report.

(2) The quorum and voting requirements for COPS action are set forth in the Technical Advisory Committee Procedures. In considering action on a PWG Report, COPS shall:

(a) Recommend approval of the LPGRR as recommended in the PWG Report or as modified by COPS;

(b) Reject the LPGRR;

(c) Defer decision on the LPGRR;

(d) Remand the LPGRR to the PWG with instructions; or

(e) Refer the LPGRR to another COPS working group or task force or another TAC subcommittee with instructions.

(3) If a motion is made to recommend approval of an LPGRR and that motion fails, the LPGRR shall be deemed rejected by COPS unless at the same meeting COPS later votes to recommend approval of, defer, remand, or refer the LPGRR. If a motion to recommend approval of an LPGRR fails via e-mail vote according to the Technical Advisory Committee Procedures, the LPGRR shall be deemed rejected by COPS unless at the next regularly scheduled COPS meeting or in a subsequent e-mail vote prior to such meeting, COPS votes to recommend approval of, defer, remand, or refer the LPGRR. The rejected LPGRR shall be subject to appeal pursuant to Section 2.5, Appeal of Action.

(4) Within three Business Days after COPS takes action on the LPGRR, ERCOT shall issue a COPS Report reflecting the COPS action, and post the report on the ERCOT website. The COPS Report shall contain the following items:

(a) Identification of the submitter of the LPGRR;

(b) Modified LPG language proposed by COPS, if applicable;

(c) Identification of the authorship of comments, if applicable;

(d) Proposed effective date(s) of the LPGRR;

(e) Recommended priority and rank for any LPGRR requiring a an ERCOT project for implementation;

(f) PWG action; and

(g) COPS action.

2.4.8 ERCOT Impact Analysis Based on Commercial Operations Subcommittee Report

ERCOT shall review the COPS Report and, if necessary, update the Impact Analysis as soon as practicable. ERCOT shall issue the updated Impact Analysis, if applicable, to TAC and post it on the ERCOT website. If a longer review period is required for ERCOT to update the Impact Analysis, ERCOT shall submit comments with a schedule for completion of the Impact Analysis to TAC.

2.4.9 Protocol Revision Subcommittee Review of Project Prioritization

At the next regularly scheduled Protocol Revision Subcommittee (PRS) meeting after COPS recommends approval of an LPGRR that requires an ERCOT project for implementation, the PRS shall assign a recommended priority and rank for the associated project.

2.4.10 Technical Advisory Committee Vote

(1) TAC shall consider any LPGRR that COPS has submitted to TAC for consideration for which both a COPS Report and an Impact Analysis (as updated if modified by COPS under Section 2.4.8, ERCOT Impact Analysis Based on Commercial Operations Subcommittee Report) have been posted on the ERCOT website. The following information must be included for each LPGRR considered by TAC:

(a) The COPS Report and Impact Analysis;

(b) The recommended priority and rank, if an ERCOT project is required; and

(c) Any comments timely received in response to the COPS Report.

(2) The quorum and voting requirements for TAC action are set forth in the Technical Advisory Committee Procedures. In considering action on a COPS Report, TAC shall:

(a) Approve the LPGRR as recommended in the COPS Report or as modified by TAC, if the LPGRR does not require an ERCOT project for implementation;

(b) Recommend approval of the LPGRR as recommended in the COPS Report or as modified by TAC, including modification of the recommended priority and rank if the LPGRR requires an ERCOT project for implementation;

(c) Reject the LPGRR;

(d) Defer decision on the LPGRR;

(e) Remand the LPGRR to COPS with instructions; or

(f) Refer the LPGRR to another TAC subcommittee or a TAC working group or task force with instructions.

(3) If a motion is made to approve or recommend approval of an LPGRR and that motion fails, the LPGRR shall be deemed rejected by TAC unless at the same meeting TAC later votes to approve, recommend approval of, defer, remand or refer the LPGRR. If a motion to approve or recommend approval of an LPGRR fails via e-mail vote according to the Technical Advisory Committee Procedures, the LPGRR shall be deemed rejected by TAC unless at the next regularly scheduled TAC meeting or in a subsequent e-mail vote prior to the such meeting, TAC votes to approve, recommend approval of, defer, remand, or refer the LPGRR. The rejected LPGRR shall be subject to appeal pursuant to Section 2.5, Appeal of Action.

(4) Within three Business Days after TAC takes action on an LPGRR, ERCOT shall issue a TAC Report reflecting the TAC action and post it on the ERCOT website. The TAC Report shall contain the following items:

(a) Identification of the submitter of the LPGRR;

(b) Modified LPG language proposed by TAC, if applicable;

(c) Identification of the authorship of comments, if applicable;

(d) Proposed effective date(s) of the LPGRR;

(e) Priority and rank for any LPGRR requiring an ERCOT project for implementation;

(f) COPS action;

(g) TAC action; and

(h) ERCOT's position for any LPGRR requiring an ERCOT project for implementation.

(5) If TAC recommends approval of an LPGRR requiring an ERCOT project for implementation, ERCOT shall forward the TAC Report, to the ERCOT Board for consideration pursuant to Section 2.4.11, ERCOT Board Vote.

(6) The TAC chair shall report the results of all votes by TAC related to LPGRRs to the ERCOT Board at its next regularly scheduled meeting.

2.4.11 ERCOT Board Vote

(1) For any LPGRR requiring an ERCOT project for implementation, upon issuance of a TAC Report and Impact Analysis to the ERCOT Board, the ERCOT Board shall review the TAC Report and the Impact Analysis at the following month's regularly scheduled meeting. For Urgent LPGRRs, the ERCOT Board shall review the TAC Report and Impact Analysis at the next regularly scheduled meeting, unless a special meeting is required due to the urgency of the LPGRR.

(2) The quorum and voting requirements for ERCOT Board action are set forth in the ERCOT Bylaws. In considering action on a TAC Report, the ERCOT Board shall:

(a) Approve the LPGRR as recommended in the TAC Report or as modified by the ERCOT Board;

(b) Reject the LPGRR;

(c) Defer decision on the LPGRR; or

(d) Remand the LPGRR to TAC with instructions.

(3) If a motion is made to approve an LPGRR and that motion fails, the LPGRR shall be deemed rejected by the ERCOT Board unless at the same meeting the ERCOT Board later votes to approve, defer or remand the LPGRR. The rejected LPGRR shall be subject to appeal pursuant to Section 2.5, Appeal of Action.

(4) Within three Business Days after the ERCOT Board takes action on an LPGRR, ERCOT shall issue a Board Report reflecting the ERCOT Board action and post it on the ERCOT website.

2.5 Appeal of Action

(1) Any ERCOT Member, Market Participant, Public Utility Commission of Texas (PUCT) Staff, or ERCOT may appeal a Profiling Working Group (PWG) action to recommend rejection of, defer, or recommend referral of a Load Profiling

Guide Revision Request (LPGRR) directly to the Commercial Operations Subcommittee (COPS). Such appeal to COPS must be submitted electronically to ERCOT by completing the designated form provided on the ERCOT website within seven days after the date of the relevant PWG appealable event. ERCOT shall reject appeals made after that time. ERCOT shall post appeals on the ERCOT website within three Business Days of receiving the appeal. Appeals shall be heard at the next regularly scheduled COPS meeting that is at least seven days after the date of the requested appeal. An appeal of an LPGRR to COPS suspends consideration of the LPGRR until the appeal has been decided by COPS.

(2) Any ERCOT Member, Market Participant, PUCT Staff, or ERCOT may appeal a COPS action to reject, defer, remand or refer an LPGRR directly to the Technical Advisory Committee (TAC). Such appeal to TAC must be submitted electronically to ERCOT by completing the designated form provided on the ERCOT website within seven days after the date of the relevant COPS appealable event. ERCOT shall reject appeals made after that time. ERCOT shall post appeals on the ERCOT website within three Business Days of receiving the appeal. Appeals shall be heard at the next regularly scheduled TAC meeting that is at least seven days after the date of the requested appeal. An appeal of an LPGRR to TAC suspends consideration of the LPGRR until the appeal has been decided by TAC.

(3) Any ERCOT Member, Market Participant, PUCT Staff, or ERCOT may appeal a TAC action to approve, reject, defer, remand or refer an LPGRR directly to the ERCOT Board. Appeals to the ERCOT Board shall be processed in accordance with the ERCOT Board Policies and Procedures. An appeal of an LPGRR to the ERCOT Board suspends consideration of the LPGRR until the appeal has been decided by the ERCOT Board.

(4) Any ERCOT Member, Market Participant, or PUCT Staff, may appeal any decision of the ERCOT Board regarding the LPGRR to the PUCT or other Governmental Authority. Such appeal to the PUCT or other Governmental Authority must be made within any deadline prescribed by the PUCT or other Governmental Authority, but in any event no later than 35 days of the date of the relevant ERCOT Board appealable event. Notice of any appeal to the PUCT or other Governmental Authority must be provided, at the time of the appeal to ERCOT's General Counsel. If the PUCT or other Governmental Authority rules on the LPGRR, ERCOT shall post the ruling on the ERCOT website.

2.6 Urgent Requests

(1) The party submitting a Load Profiling Guide Revision Request (LPGRR) may request that the LPGRR be considered on an urgent timeline ("Urgent") only when the submitter can reasonably show that an existing Load Profiling Guide (LPG) provision is impairing or could imminently impair wholesale or retail

market operations, or is causing or could imminently cause a discrepancy between a Settlement formula and a provision of the ERCOT Protocols.

(2) The Commercial Operations Subcommittee (COPS) may designate the LPGRR for Urgent consideration if a submitter requests Urgent status or upon valid motion in a regularly scheduled meeting of COPS. Criteria for designating an LPGRR as Urgent are that the LPGRR requires immediate attention due to:

(a) Serious concerns about ERCOT System reliability or market operations under the unmodified language; or

(b) The crucial nature of Settlement activity conducted pursuant to any Settlement formula.

(3) ERCOT shall prepare an Impact Analysis for Urgent LPGRRs as soon as practicable.

(4) COPS or the Profiling Working Group (PWG) shall consider the Urgent LPGRR and Impact Analysis if available at the next regularly scheduled PWG or COPS meeting, or at a special meeting called by the PWG or COPS chair to consider the Urgent LPGRR.

(5) If the submitter desires to further expedite processing of the LPGRR, a request for voting via e-mail may be submitted to the COPS chair. The COPS chair may grant the request for voting via e-mail. Such voting shall be conducted pursuant to the Technical Advisory Committee Procedures. If COPS recommends approval of the Urgent LPGRR, ERCOT shall issue a COPS Report to reflecting the COPS action and post it on the ERCOT website within three Business Days after COPS takes action. The Technical Advisory Committee (TAC) chair may request action from TAC to accelerate or alter the procedures described herein, as needed, to address the urgency of the situation.

(6) Any LPGRRs that take effect pursuant to an Urgent request shall be subject to an Impact Analysis pursuant to Section 2.4.8, ERCOT Impact Analysis Based on Commercial Operations Subcommittee Report, and TAC consideration pursuant to Section 2.4.10, Technical Advisory Committee Vote.

2.7 Revision Implementation

(1) For Load Profiling Guide Revision Requests (LPGRRs) that do not require an ERCOT project for implementation, upon Technical Advisory Committee (TAC) approval, ERCOT shall implement LPGRRs on the first day of the month following TAC approval, unless otherwise provided in the TAC Report for the approved LPGRR.

(2) For LPGRRs that require an ERCOT project for implementation, upon ERCOT Board, approval ERCOT shall implement LPGRRs on the first day of the month

following the ERCOT Board approval, unless otherwise provided in the Board Report for the approved LPGRR.

(3) For LPGRRs for which an effective date other than the first day of the month following, TAC or ERCOT Board approval, as applicable, is provided, the ERCOT Impact Analysis shall provide an estimated implementation date and ERCOT shall provide notice as soon as practicable, but no later than ten days prior to actual implementation, unless a different notice period is required in the TAC or Board Report, as applicable, for the approved LPGRR.

(4) ERCOT shall implement an Administrative LPGRR on the first day of the month following the end of the ten Business Day posting requirement outlined in Section 2.1, Introduction.

ERCOT Load Profiling Guide
Section 3: [RESERVED]

October 1, 2010

3 [RESERVED]

ERCOT Load Profiling Guide
Section 4: The Profiling Working Group

October 1, 2010

4 THE PROFILING WORKING GROUP

The Profiling Working Group (PWG) is a standing informal, open working group that provides technical support to the Commercial Operations Subcommittee (COPS) on Load Profiling issues.

4.1 Purpose of the Profiling Working Group

The Profiling Working Group (PWG) is a forum in which Market Participants may participate to facilitate changes in the market rules pertaining to Load Profiling issues as reflected in the Protocols and the Load Profiling Guide (LPG). The PWG shall be involved in all policy issues and some operational aspects of Load Profiling in the ERCOT market.

4.2 Profiling Working Group Responsibilities

The PWG has several responsibilities and duties, which include the following:

(a) Maintains and upholds Protocol Section 18, Load Profiling;

(b) Reviews all requests for changes to Load Profiles, Load Profiling Methodologies, and implementation of the Load Profiling process;

(c) Reviews and makes recommendations to the Commercial Operations Subcommittee (COPS) regarding the Load Profiling Guide (LPG) change control, Load Profile Models, and Load Profile Methodologies;

(d) Reviews and makes recommendations to Appendix D, Profile Decision Tree;

(e) Participates in defining Weather Zones and Load Profile types;

(f) Evaluates the validation and assignment processes for Load Profile IDs;

(g) Evaluates the impact of the Interval Data Recorder (IDR) requirement for possible revision prior to retail metering;

(h) Periodically reviews the selected profiling technique for Time-Of-Use (TOU);

(i) Coordinates with ERCOT in developing Load Profiles for particular Customer segments that may require special Load Profiling techniques (e.g., supplemental Load Profiles);

(j) Develops and maintains the LPG;

(k) Reviews and makes recommendations to the ERCOT Load Profiling Department on Load Research Sample Design;

(l) Performs a liaison function between Market Participants and the ERCOT Load Profiling Department and facilitates market acceptance of Load Profiling processes; and

(m) Provides a forum for Market Participants to be involved with ERCOT Load Profiling.

4.3 Profiling Working Group Reporting Structure

(1) At the time of the development of the Load Profiling Guide (LPG), the Profiling Working Group (PWG) reported to the Commercial Operations Subcommittee (COPS), which is a standing subcommittee of Technical Advisory Committee (TAC). The PWG chair and the PWG vice-chair are elected annually by the PWG on a calendar year basis. The chair leads the PWG meeting, establishes the PWG meeting dates and frequency, and represents the PWG at COPS and other ERCOT forums, as necessary. The vice-chair's primary responsibilities are to perform the chair's duties in the absence of the chair. The PWG shall continue to meet at least quarterly to review profiling processes and profiling issues.

(2) To obtain current reporting structure information, please refer to the following website: http://www.ercot.com/committees/index.html.

4.4 Profiling Working Group Membership

The Profiling Working Group (PWG) membership is open to all Market Participants and any other interested parties (e.g., consultants, Non-Opt-In Entities (NOIEs), future Market Participants, and Public Utility Commission of Texas (PUCT) Staff). All Market Participants are invited to attend all PWG meetings.

4.5 Profiling Working Group Contact Information

(1) To begin receiving electronic mail related to the Profiling Working Group (PWG), subscribe to the PWG electronic mailing list at http://lists.ercot.com/.

(2) To discontinue receiving electronic mail related to the PWG, unsubscribe from the PWG electronic mailing list at http://lists.ercot.com/.

(3) The ERCOT Load Profiling Department may also assist with contact information.

ERCOT Load Profiling Guide
Section 5: Guidelines for Load Profile Development

October 1, 2010

5 GUIDELINES FOR LOAD PROFILE DEVELOPMENT

This Section specifies guidelines that shall be used in the development of Load Profiles used in the ERCOT market.

5.1 Background

(1) The Profiling Working Group (PWG) established high-level principles to be utilized in the development of Load Profiles. These principles are specified in Protocol Section 18.2.1, Guidelines for Development of Load Profiles.

(2) A few minor wording changes were incorporated into the approved version to properly reflect current Load Profiling responsibilities of ERCOT and current terminology used in the ERCOT market.

5.2 Guidelines

The following guidelines were used by ERCOT for the development of Load Profiles and should be considered in Load Profile development.

(a) To minimize the total number of Load Profiles to be used in the market, ERCOT shall review the existing Load research data available for each geographical or climatological area and analyze opportunities for using one Load Profile to represent more than one class Load shape.

(b) A basic economic model shall be developed to enable ERCOT to analyze existing Load data, together with representative generation price data, so as to provide ERCOT with information on the appropriate number of Load Profiles to adopt for the ERCOT market. In particular, this would allow the following questions to be addressed:

(i) To what extent do the existing Load Profiles represent homogeneous groups with respect to Load shape and supply costs?; and

(ii) To what extent do the existing Load shapes for similar Customer groups (e.g., Residential) show distinct differences from each other, especially during periods of high generation cost volatility?

(c) The assignment of Load Profiles to areas that do not currently have Load research data available shall be based on the following issues:

(i) What separate Customer groups are currently recognized for the area requiring a Load Profile (e.g., rate classes)?;

(ii) What Load shapes are available from other areas for each of these Customer groups?;

(iii) Where possible, examine broad measures of similarity between the Customer group(s) for which Load research data that is available and the Customer group requiring a Load Profile. These measures might include:

(A) Average kWh consumption per year or month from billing records;

(B) For Customer groups with Demand metering, the annual average Load factor; and

(C) Other specific data that may be available for the Customer group requiring a Load Profile (e.g., where the type of electrical use is considered to be similar to that of another area with a similar usage pattern).

(iv) The geographic proximity of the areas for which Load research data is available.

(d) In adopting Load Profiles for those areas where Load research data already exists and in assigning Load Profiles to those areas that do not currently have Load research data, there shall be readily identifiable parameters, for each Customer, to enable Load Profile IDs to be assigned to each Customer. Ideally, the Customer parameters that determine which Load Profile that Customer is assigned shall be based upon existing data. Some examples of readily identifiable parameters are:

(i) Type of Customer (residential, small commercial, large commercial, etc.);

(ii) Peak Demand; and

(iii) Load factor.

Other parameters, such as those relating to geographic location, shall be unambiguous and straightforward.

(e) Where alternative Load research data exist, the most accurate data shall be used. This accuracy shall be based on Load research data on all Customers from all distribution utilities in that region. Generally, the most recent data is preferred but other factors such as the sample size and Customer coverage shall be considered.

(f) To accommodate Time Of Use (TOU) pricing, controlled Load and other similar pricing schemes, ERCOT shall consider the following possibilities:

(i) Where specific Load research data exists for a particular group, utilize that data;

(ii) When appropriate, generic Load Profiles may be modified to approximate the consumption patterns of multiple pricing periods; and

(iii) Where specific Load research data does not exist for a particular group, appropriate Load Profiles could be used from other areas, based on the relevant guideline above.

(g) Load Profiles shall be clearly expressed and readily available. A standard form to represent all Load Profiles is desirable for consistency and ease of understanding.

(h) The methodology used to create Load Profiles shall be fully defined. Any mathematical or statistical equations used shall be unambiguously defined.

ERCOT Load Profiling Guide
Section 6: Load Profiling Methodology

December 1, 2010

6 LOAD PROFILING METHODOLOGY

6.1 Introduction

(1) This Section 6, Load Profiling Methodology, of the Load Profiling Guide (LPG) describes the periodic evaluation of the Load Profiling Methodologies as specified in Protocol Section 18.2.8, Adjustments and Changes to Load Profile Development.

(2) The procedure to request a change to Load Profiling Methodologies is presented in Section 7, Request for Changes to Load Profiling Methodology.

(3) There shall be no retroactive application of any approved modifications to Load Profiling Methodology.

6.2 Review of Load Profiling Methodology

ERCOT shall review Load Profiling Methodologies periodically. When special circumstances warrant, a more immediate review may be necessary. The findings of all Load Profiling Methodology reviews shall be presented to the Profiling Working Group (PWG) for consideration.

6.3 Considerations for Load Profiling Methodology Evaluation

The evaluation shall consider the following factors, which is neither an exclusive nor an exhaustive list:

(a) Load Profile Model performance;

(b) Methodology performance;

(c) Alternative methodology impacts to Load Profiling issues; and

(d) Practical implementation of Load Profiling Methodology.

6.3.1 Load Profile Model Performance

Model performance serves as a basis for evaluating Load Profiling Methodology. The result of Load Profile Model performance evaluations shall help determine if a methodology modification is necessary. Load Profile Model performance shall be evaluated according to Section 8, Load Profile Models.

6.3.2 Methodology Performance

The performance of alternative Load Profiling Methodologies shall be assessed according to the evaluation criteria presented in Section 8, Load Profile Models.

6.3.3 Alternative Methodology Impacts to Load Profiling Issues

The effect of the proposed alternative methodology on Load Profiling issues requiring resolution shall be considered when evaluating the methodology. Alternative Load Profiling Methodologies may mitigate, intensify or have no effect on these issues. These effects shall be assessed for probability and manageability. Some effects of the alternative methodology may include the following:

(a) Unusual events that affect the ERCOT System;

(b) Dramatic changes in a relatively short period of time;

(c) Sensitivity of the methodology to random error;

(d) Changes to data quality; and

(e) Impacts to the cost.

6.3.4 Practical Implementation of Load Profiling Methodology

The practical implementation of a Load Profiling Methodology is a key-determining factor. The time and the resources needed to implement the change may make the proposed methodology prohibitive. Additional issues that may be considered are:

(a) Alternative changes (e.g., changes to models), which may provide the Market Participants the desired result; and

(b) The complexity of implementation and operational production (e.g., system functionality) for ERCOT and Market Participants.

6.4 Possible Results of the Evaluation of Methodologies

The following are possible resolutions of requests to change Load Profiling Methodologies:

(a) No changes to Load Profiling Methodologies;

(b) Modify existing Load Profiling Methodology; and

(c) Implement alternative Load Profiling Methodology.

6.4.1 No Changes to Load Profiling Methodologies

The evaluation of the methodology may conclude that no changes are needed. Another outcome of the evaluation may indicate that adjustments to model coefficients are needed for specified segments and/or Weather Zones. Either case shall be resolved by not altering the current Load Profiling Methodology.

6.4.2 Modify Existing Load Profiling Methodology

During any annual evaluation, significant biases may be exposed which require major changes such as re-estimating models, changing Weather Zones, or changing segments. In such cases, modifying the existing Load Profiling Methodology may be employed as a practical resolution. The Profiling Working Group (PWG) shall determine "significant biases" with market experience.

6.4.3 Implement Alternative Load Profiling Methodology

If the evaluation indicates that substantial biases exist, and that these biases are unlikely to be mitigated or are likely to be increased by reasonable modifications to the existing methodology, a more comprehensive change to an alternative Load Profiling Methodology shall be considered. The likely effects on these biases and other processing issues shall be determining factors in the decision to adopt a new methodology.

ERCOT Load Profiling Guide
Section 7: Request for Changes to Load Profiling Methodology

December 1, 2010

7 REQUEST FOR CHANGES TO LOAD PROFILING METHODOLOGY

(1) This Section 7, Request for Changes to Load Profiling Methodology, of the Load Profiling Guide (LPG) addresses changes and modifications to the methodology used to establish Load Profiles. Any changes to the Load Profiling Methodology shall be submitted as a Load Profiling Revision Request (LPGRR) as described in Section 2.4, Load Profiling Guide Revision Procedure.

(2) There shall be no retroactive application of any approved modifications to Load Profiling Methodology.

7.1 Current Methodologies

The following methodologies are used to establish Load Profiles:

Type of Load	**Load Profiling Methodology**
Non-Price-Responsive	
Non-interval metered	Adjusted Static Models
Non-interval metered with Distributed Generation (DG)	Adjusted Static Models and Engineering Estimates
Non-metered	Engineering Estimates
Interval Data Recorder (IDR) (Estimation)	Proxy day
Price-Responsive	
Time Of Use (TOU)	Chunking
Other price-responsive	To be determined

7.2 Request for Load Profiling Methodology Changes

Any Market Participant, the Profiling Working Group (PWG) or its designated successor, or ERCOT may submit a request for a change to the Load Profiling Methodology according to the procedures outlined in the Load Profiling Guide (LPG).

7.3 Timeline for Processing a Load Profiling Methodology Change Request

(1) This Section 7.3, Timeline for Processing a Load Profiling Methodology Change Request, modifies the normal Load Profiling Guide Revision Request (LPGRR) change request timeline. Within two Business Days of receiving the request, ERCOT shall reply to the submitter indicating that the request has been received and inform the submitter of the dates of the next Profiling Working Group (PWG) meetings. The submitter shall then schedule a time to present the request, in person, to the PWG and ERCOT at a regularly scheduled PWG meeting.

(2) The submitter or a designated representative shall present the methodology change request, in person, to the PWG at a scheduled PWG meeting. During the submitter's presentation, ERCOT and the PWG may ask for clarification of the request. The PWG and ERCOT shall then determine what data and supporting documentation are needed from the submitter to evaluate the request. All data, supporting files, and documentation shall be provided in electronic form.

(3) After the request has been presented to the PWG, ERCOT shall post the methodology request to the ERCOT website and respond to the request within 60 days of the posted date of the request. This period does not include the time to analyze and render the complete assessment of the request. The response shall indicate:

(a) Whether the request is complete;

(b) What additional data is required to evaluate the request, if applicable;

(c) How the request shall be assessed;

(d) An estimate of the time by which a decision on the request is expected to be ready; and

(e) An estimate of the implementation date of the requested change, if approved.

(4) During ERCOT's evaluation of the request, ERCOT may request supplemental information determined to be important to fully evaluate the methodology change.

(5) Due to the significance of a change to Load Profiling Methodologies, according to Protocol Section 18.2.8, Adjustments and Changes to Load Profile Development, a change shall only be implemented after Technical Advisory Committee (TAC) approval and with at least 150 days' notice to all Market Participants. An exception may be made to the criteria defined in this section, if special circumstances indicate a need to implement a change more immediately to address critical market issues.

7.4 Information Required with Request for Change

(1) The submitter shall describe the reason why a change to methodology is necessary, why the proposed methodology is superior to the current methodology, and how the benefits of the change outweigh the costs to implement the proposed methodology.

(2) The submitter shall identify the following:

(a) The Entity submitting the request;

(b) Contact information;

(c) The current methodology to be modified;

(d) The proposed methodology or modification(s) proposed to the current methodology; and

(e) The affected Load Profile Segment(s) and Weather Zone(s).

(3) The submitter shall include pertinent supporting data with the initial request to ERCOT. Examples include the following:

(a) Analysis of data available in ERCOT systems (e.g., Load research data, weather data from weather stations used by ERCOT Load Profiling, and monthly consumption data). The submitter shall document data sources in detail and show analysis of any factors listed above to be considered in the evaluation.

(b) Analysis of Load research data not available to ERCOT. The submitter shall document data sources in detail, describe how the data was collected, document any data Validation, Editing, and Estimating (VEE) that has been performed, and describe the analysis.

(c) Analysis of other data or other supporting evidence. The submitter shall document data sources and present the associated analysis.

(4) The submitter shall also provide evidence that:

(a) The current profiles have substantial bias;

(b) The proposed alternative mitigates the problem(s);

(c) The change in methodology is warranted due to the severity of the problem(s) with the current profiles; and/or

(d) The proposed alternative methodology corrects the problem(s) with the current profiles efficiently and cost-effectively.

7.5 Evaluation of the Request

ERCOT shall assess the request based on the data and analysis submitted with the request as well as possible additional analysis by ERCOT. Factors considered in assessing any request shall include:

(a) The quality of the supporting data provided;

(b) The magnitude of differences indicated;

(c) The size of the affected population; and

(d) The effect on the rest of the market if the change is accepted.

7.6 Approval of the Request

The Technical Advisory Committee (TAC) approval is required to implement any change to a Load Profiling Methodology in accordance with Protocol Section 18.2, Methodology. The request shall follow the approval sequence described in Section 12, Request for Load Profile Segment Changes, Additions, or Removals.

7.7 Costs for Load Profiling Methodology Changes

(1) The party requesting the methodology change shall pay all costs associated with developing the supporting data and documentation submitted to ERCOT for evaluation.

(2) In the event the methodology change is approved, costs for implementing the changes in ERCOT data systems shall be the responsibility of ERCOT. Responsibility for re-assigning Load Profiles remains with the Transmission and/or Distribution Service Provider (TDSP).

ERCOT Load Profiling Guide
Section 8: Load Profile Models

December 1, 2010

8 LOAD PROFILE MODELS

(1) Protocol Section 18.2.8 Adjustments and Changes to Load Profile Development, requires ongoing evaluation of Load Profiling Methodology that provides for changes to methodology, adjustments to existing profiles, and development of new profiles. This Section addresses changes to models within approved methodologies. This Section also includes guidelines for ERCOT's ongoing evaluation of Load Profile Segment definitions and Weather Zones. Changes to Adjusted Static Models and changes to engineering profiles are also addressed.

(2) The Microsoft Excel© representation of the ERCOT Load Profile Models can be found in Appendix E, Load Profile Model Spreadsheets.

(3) There shall be no retroactive application of any approved modifications to Load Profile Models.

(4) This Section discusses changes to Load Profile Models not addressed in the following the Load Profiling Guide (LPG) sections:

(a) Section 7, Request for Changes to Load Profiling Methodology;

(b) Section 12, Request for Load Profile Segment Changes, Additions, or Removals; and

(c) Section 13, Changes to Weather Zone Definitions.

8.1 Routine and Non-Routine Load Profile Model Evaluations

ERCOT shall perform evaluations of Load Profile Model performance, which shall include both routine and non-routine evaluations.

8.1.1 Routine Evaluation of Load Profile Model Performance

ERCOT shall conduct a routine annual evaluation of Load Profile Model performance for all Load Profile Models, Load Profile Types, and Weather Zones. The evaluation shall address both Adjusted Static Models and Engineering Estimates. Based on this evaluation, ERCOT shall make recommendations to the Profiling Working Group (PWG).

8.1.2 Non-Routine Evaluation of Model Performance

(1) Between the annual evaluations, ERCOT may evaluate specific requests for changes to Load Profile Segment definitions and requests for changes to Weather Zones. Procedures for requesting such changes and evaluating the requests are described in Section 12, Request for Load Profile Segment Changes, Additions, or Removals, for Load Profile Segments, and in Section 13, Changes to Weather Zone Definitions, for Weather Zones.

(2) Apart from evaluating change requests as described, ERCOT may also evaluate model performance if an urgent problem is identified. Such non-routine evaluation may be conducted in response to a request from a Market Participant, Technical Advisory Committee (TAC) subcommittee, or at ERCOT's initiative.

8.2 Evaluation of Load Profile Models Using Current Load Research Data

8.2.1 Sources of Load Research Data

(1) Load research data may be obtained from ERCOT developed Load research samples and from any available Transmission and/or Distribution Service Provider (TDSP) Load research samples. Transfer of data from TDSPs to ERCOT and development of Load research samples by ERCOT are described in Section 15, Load Research Samples.

(2) In certain circumstances, Load research data from other sources may also be considered by ERCOT as a representation of a particular subgroup. For such data to be used, the party submitting the data for use in an evaluation shall provide information on the source of the data. Submission requirements are the same as those described in Section 12.6, Information Required with Request for Change.

8.2.2 Procedures

The overall procedure for comparing existing Load Profile Models against current Load research data consists of the following:

(a) Assignment to Load Profile Segments - Assign each sample site in the current Load research sample to the appropriate Load Profile Segment and Weather Zone. The expansion weight for each sampled site shall be determined using sound statistical practice.

(b) Expansion - For each Load Profile Type and Weather Zone combination, use the appropriate expansion methodology and weight to expand the sample data assigned to the segment and Weather Zone. The results of the expansion Load Profiles are expressed as average Load per Customer for each interval.

(c) Comparison - For each Load Profile Type and Weather Zone combination, compare the Load Profile estimates developed from the Load research sample data to the Load Profile estimates from the Load Profile Models. The Load Profile Models are applied to weather data for the same Weather Zone and time period as the Load research sample data. Factors to consider in the comparisons are discussed in Section 6.3, Consideration for Load Profiling Methodology Evaluation.

8.2.3 Using Comparable Weather Zone Data

If the current Load research data represent only a portion of a particular Weather Zone, the modeled Load Profile shall be calculated to correspond to approximately the same mix of weather conditions as are represented by the current Load research data. That is, the weather data used to calculate the modeled Load Profile should be weighted to reflect the distribution of the current Load research data over weather stations within the zone, rather than using the existing weather data weighting for the current Load Profile Models.

8.2.4 Factors Considered in Comparisons

In all the factors below, the Load Profile based on the current Load research data is treated as the proposed Load Profiles and the Load Profile based on the current model is treated as the existing Load Profiles. Referring to Appendix C, Measuring Differences Between Load Profiles, provides a more detailed description and the application of these factors. Note: In Appendix C, proposed Load Profiles are referred to as "Target Profiles" and existing Load Profiles are referred to as the "Default Profiles."

8.2.4.1 Load-Weighted Average Price

Load-weighted average annual price is calculated using the Load Profile based on the new Load research data, and using the Load Profile based on the current model. The difference in Load-weighted annual price between the proposed and existing is one measure of the difference between the two Load Profiles.

8.2.4.2 On-Peak/Off-Peak Ratio

The ratio of on-peak to off-peak consumption is calculated using the Load Profile based on the new Load research data and using the modeled Load Profile. The ratio for the existing Load Profile is subtracted from the ratio for the proposed Load Profile.

8.2.4.3 Load Factor

The Load factor is calculated for the proposed Load Profile and for the existing Load Profile. The existing Load Profile's Load factor is subtracted from that of the proposed Load Profile.

8.2.4.4 Summary Statistics on Differences Between Series

(1) Several types of series characteristics may be calculated for each Load Profile. Several summary statistics may be used to describe the magnitude of the differences between series. These series and summary measures of differences

are described in Appendix C, Measuring Differences Between Load Profiles. The series include:

(a) Unitized Load;

(b) Monthly fractions;

(c) Daily fractions; and

(d) Clock-hour fractions.

(2) Each of these series may be calculated for the Load Profile based on new Load research data and for the Load Profile based on the current model.

(3) The difference between the proposed and existing series is then measured in terms of one of the following summary statistics:

(a) Mean difference;

(b) Mean absolute percent error;

(c) Mean absolute deviation; or

(d) Root mean square error.

8.2.4.5 Deadweight Loss

(1) In the terminology used in Appendix C, Measuring Differences Between Load Profiles, the Load Profile representing the proposed segment is the "Target Profile."

(2) Deadweight loss measures the loss of economic efficiency due to providing Customers with Load Profiles that are less accurate, on average, than the Target Profile, with respect to the Electric Service Identifier (ESI ID) "actual" Load shapes. This loss is a societal cost, measured in dollars per year. Revising the current Load Profile to bring it closer to the Target Profile would reduce societal deadweight loss by at most this amount.

8.3 Evaluating Load Profile Models without Current Load Research Data

8.3.1 Applications

(1) In many situations, current Load research data are not available as a basis for assessing the adequacy of Load Profile Models. In these cases, other assessment techniques are used. Situations where techniques are required that do not depend on Load research data include:

(a) Assessing model performance for geographic areas where Load research data are no longer collected;

(b) Assessing model performance for geographic areas where Load research data have never been collected, or have not contributed to current models; and

(c) Assessing Engineering Estimates.

(2) These techniques may also be used as another way of assessing model performance even for geographic areas where current Load research data are available.

8.3.2 Load Profile Model Comparisons

8.3.2.1 Comparisons for Adjusted Static Models

(1) Adjusted Static Models may be assessed based on differences between the population the existing model is based on (the original population) and the population to which that model is applied (the current population). The original population is the population represented by the original Load research data, defined in terms of the Customers represented and the years of the data. For example, the original population might be "all Residential Customers from TDSP A from 1994 to 1996 plus all residential Customers from TDSP B in 1998." The population to which the model is applied is the full set of Customers currently in the Load Profile Segment.

(2) Differences between the original and current populations may be assessed in terms of factors such as those described under "other kinds of supporting data" in Section 12, Request for Load Profile Segment Changes, Additions, or Removals.

8.3.2.2 Examination of Monthly Patterns

(1) Monthly consumption data are available to ERCOT for Settlement purposes. To compare consumption patterns with the Load Profile, the following steps may be used for each segment or subgroup under study:

(a) Sum the consumption data for each Electric Service Identifier (ESI ID) in the period under study (normally 12 monthly reads) to produce annual consumption totals for that ESI ID;

(b) Calculate the reading fraction for each of the ESI ID's readings by dividing the monthly reading by the annual consumption total;

(c) Compute the comparable reading fraction for the Load Profile of the segment or subgroup under study;

(d) Compare the reading fractions from item (1)(b) above with the reading fractions from item (1)(c) above for all ESI IDs in the segment or subgroup, using any of the statistics for differences of series described in Appendix C, Measuring Differences Between Load Profiles.

(2) For each segment or subgroup, these comparisons may be made separately for each Weather Zone. The modeled Load Profile for each Weather Zone uses the model coefficients and weather data of that Weather Zone. The consumption data compared are for the ESI IDs assigned to that Weather Zone. Alternatively, an aggregate segment Load Profile may be compared to consumption data aggregated across Weather Zones. Procedures for calculating an aggregate segment Load Profile across Weather Zones are described in Section 8.2.2, Procedures.

8.3.2.3 Comparisons for Engineering Estimates

(1) Engineering Estimates are used in the ERCOT market for Non-Metered Loads, such as lighting, and for metered Loads, such as those with Distributed Generation (DG). Engineering Estimates are typically based on an assumed operating schedule together with the assumption that the Load is approximately the same whenever the equipment is operating. If better or more current information is available for the ESI IDs in a Load Profile Segment using an engineering Load Profile, this information may be compared with the assumptions of the estimate.

(2) Monthly consumption data may also be compared with the Load Profile monthly patterns using the methods described above for Adjusted Static Models.

8.4 Routine Load Profile Model Evaluations

(1) Routine annual evaluation of model performance may include the following components using the procedures described in Section 8.2, Evaluation of Adjusted Static Load Profile Models Using Current Load Research Data and Section 8.3, Evaluating Load Profile Models without Current Load Research Data.

(a) For each adjusted static Load Profile Type and Weather Zone combination where current Load research samples exist, compare the Load Profile based on current Load research samples with the Load Profile based on the current model.

(b) For each adjusted static Load Profile Type, consider whether any current data are available that would indicate substantial changes in end-use saturation between current populations and those used to fit the models.

(c) For each engineering Load Profile Type, consider whether any current data are available that would indicate substantial differences from those assumed in the engineering models.

(i) Possible sources of data on operating schedules and equipment saturations include:

(A) Regional data on equipment and operating hours from end-use consumption surveys published by the Energy Information Administration;

(B) Regional or state data on operating practices published by the Census Bureau;

(C) Economic data published by state or local agencies; and

(D) Saturation or other studies by Market Participants, if available.

(ii) Exhaustive review of such sources is not expected each year. However, ERCOT should periodically review what information may be available and consider the likelihood that practices have changed substantially in the region since the Load Profile Models were last updated. In reporting on the evaluation, ERCOT shall indicate what sources were reviewed and/or the basis that major changes were not likely to have occurred was determined.

(d) Review the magnitude of Load migrated into and out of each Load Profiling segment since the time the Load research data were collected.

(e) For each adjusted static Load Profile Type and Weather Zone combination, compare the patterns in current aggregate monthly consumption data with the monthly pattern of the current Load Profile Model.

(2) If Unaccounted for Energy (UFE) is calculated by Weather Zone or other geographic subdivision, examine systematic patterns in UFE by day-type and hour for each such zone or region.

8.4.1 Routine Evaluation of Weather Zones

Assessment of Weather Zone definitions, conducted as part of the routine evaluation, shall focus on the adequacy of the current set of weather stations and weighting. ERCOT uses National Oceanic and Atmospheric Administration (NOAA) first or second order weather stations as the source for weather data for each Weather Zone, where available. Assessment steps of the evaluation of each Weather Zone shall be determined as the market matures. Steps may include the following:

(a) Calculate each current segment Load Profile using each Weather Zone's model coefficients together with the current weighted average weather data for the Weather Zone;

(b) Calculate weather station segment Load Profiles. Apply each Load Profile Segment model to weather data from each weather station, using the model coefficients for the Weather Zone that includes that weather station;

(c) Assign each Zone Improvement Plan (ZIP) code to the closest weather station;

(d) For each weather station and adjusted static segment, calculate the total annual energy for Electric Service Identifiers (ESI IDs) in ZIP codes assigned to the station;

(e) Multiply each weather station segment Load Profile by the annual consumption from item (d) above;

(f) Sum the results of item (e) above over all weather stations within each Weather Zone;

(g) Translate the results from item (f) above into hourly fractions;

(h) For each Weather Zone and segment, compare the summed Load Profile from item (f) above with the current Load Profile Model from item (a) above, using the methods described in Appendix C, Measuring Differences Between Load Profiles.

(i) For each Weather Zone and segment, compare each weather station segment Load Profile from item (b) above with the current Load Profile Model from item (a) above, using the methods described in Appendix C, Measuring Differences Between Load Profiles.

8.5 Non-Routine Load Profile Model Evaluations

Non-routine evaluations may consider any of the factors described in Section 8.4, Routine Evaluations, with attention limited to those segments and regions that are of concern. Non-routine evaluations to assess a request for a change in Load Profile Segment shall consider the factors described in Section 12, Request for Load Profile Segment Changes, Additions, or Removals. Non-routine evaluations to assess a request for a change in Weather Zone shall consider the factors described in Section 13, Changes to Weather Zone Definitions.

8.6 Assessing the Type of Load Profile Model Change Needed

8.6.1 Possible Changes

(1) Based on the necessary changes that occur as a result of a routine or non-routine evaluation, ERCOT may recommend any of the following actions:

(a) Adjust coefficients or change Engineering Estimate assumptions for one or more Load Profile Segments;

(b) Re-estimate models for an Adjusted Static Model;

(c) Begin to collect new Load research data. When this data is available, use the new data to adjust coefficients or to re-estimate models for one or more Adjusted Static Models;

(d) Implement changes to particular Weather Zones;

(e) Implement changes to particular segments; and

(f) No change at this time.

(2) Procedures for assessing the need for a change to Load Profile Segment definitions are discussed in Section 12, Request for Load Profile Segment Changes, Additions, or Removals. Procedures for assessing the need for changes to Weather Zones are discussed in Section 13, Changes to Weather Zone Definitions.

8.6.2 Qualitative Criteria

The subsections below provide a qualitative description of the basis on which the recommended change shall be determined. The qualitative assessment may utilize the listed criteria below, but is not limited to these criteria to address the severity of bias. These criteria are expressed in terms of set of conditions and the resulting change(s) of these conditions. Quantitative criteria, specifying explicit thresholds that shall trigger changes, may be determined with market experience.

8.6.2.1 Substantial Bias

A key question in the determination of recommended action is whether the evaluation indicates a serious bias for one or more Load Profile Models. A serious bias is a systematic difference between Load Profiles based on the current models and Load Profiles based on current Load research data, with the difference large enough to materially affect Settlement accuracy. A potential for serious bias might also be

indicated by systematic differences in the factors described in Section 8.3, Evaluating Load Profile Models without Current Load Research Data.

8.6.2.2 No Substantial Bias Indicated by Evaluation

If the evaluation indicates no substantial bias, no change shall be recommended.

8.6.2.3 Substantial Bias Indicated by Analysis of Current Load Research Data

If the analysis of current Load research data indicates substantial bias for one or more Load Profile Segments, the recommended action shall depend on the scope of the bias problem.

8.6.2.3.1 Modest Scope

The bias would be considered modest in scope if it affects only limited Weather Zones, or would be corrected by moderate adjustments to model coefficients or Engineering Estimates. In some of these cases, the problems might be corrected by modifying Weather Zone definitions or weather station weights. These possibilities would be explored as part of the evaluation. In other cases, the recommended change may be to establish adjustment factors to apply to the modeled profiles for those segments in those Weather Zones.

8.6.2.3.2 Extensive Scope

The bias would be considered extensive in scope if bias is found for a particular profile segment across many Weather Zones, or the adjustment factors that would be required are substantial. In such cases, the recommendation shall be to re-estimate the model for the segment.

8.6.2.3.3 Adjustment Factors

(1) If adjustment factors are developed, the types of adjustment factors computed and the means of computation would depend on the nature of the bias indicated by the analysis.

(2) For example, if the analysis indicates large differences between the modeled profile and current Load research in daily fractions but not in clock-hour fractions, adjustments might be calculated as a function of day or day-type, not varying by clock-hour. If the differences found appear to be calendar effects but not strongly related to weather, adjustments might be developed by day-type and clock-hour, but not varying with weather variables.

(3) If the differences appear to be related not only to calendar and clock-hour, but also to weather adjustment factors may be developed that include some weather terms. These would take the form of a supplemental model. If weather-dependent adjustments are needed, model re-estimation may be considered.

(4) The revised profile $RevProf_{szdh}$ for day d for Load Profile Segment s in Weather Zone z is calculated from the Load Profile Model together with the adjustment factor as:

$RevProf_{szdh} = Prof_{szdh}\ Adj_{szdh}$

Where:

$Prof_{szdh}$ is the unadjusted modeled profile for segment s in Weather Zone z on day d at hour h.

Adj_{szdh} is the adjustment factor for profile segment s in Weather Zone z for day d at hour h.

(5) For adjustments that are designed to address allocation across days but not across hours within days, the adjustment factor would not vary by hour. For adjustments that are based on calendar but not weather, the adjustment factor would vary by day-type but not by individual day.

(6) All adjustments should be made to the current model in ERCOT's production system.

8.6.2.4 Substantial Bias Indicated without Current Load Research Data

If current Load research data are not available, identification of poor model performance is less obvious. Recommendations shall take into account not only how severe the bias appears to be, but also how certain it is that there is a bias and how likely the proposed changes shall substantially reduce the problem. Some possible situations and recommendations are outlined in the following subsections.

8.6.2.4.1 Similar Bias across Several Load Profile Segments within a Weather Zone

Bias may be found to exist in similar directions across many adjusted static Load Profiles. If this bias appears to be related to one or more Weather Zone definitions, and may be reduced to an acceptable level by changing these definitions, a recommendation may be made to modify the definitions of the affected Weather Zone(s).

8.6.2.4.2 Bias Not Resolved by Modifying Weather Zones

(1) If there is substantial bias that does not appear to be related to Weather Zone definitions, and Load research data are not available as a basis for correcting the bias, a recommendation may be made to implement a Load research program to develop new data.

(2) Given the significant cost of implementing new Load research data collection, and the uncertainty of actual Load Profile differences in absence of current Load research data, a recommendation to make such a change would require more severe bias than would a recommendation to adjust coefficients or re-estimate models. The severity of the bias would be considered in terms of the magnitude of the effect on Settlement. This magnitude would be assessed both in terms of the effect per Customer or per kWh and in terms of the amount of Load or number of Customers affected.

(3) Prior to implementing a full-scale Load research sample for the affected segment(s) and Weather Zone(s), ERCOT may deploy a pilot sample for a limited period of time to obtain better information on the magnitude of the bias. This information would also be used to develop a more efficient full-scale Sample Design.

8.7 Criteria for Requiring a Load Profile Model Change

(1) As discussed in Section 8.1, Routine and Non-Routine Load Profile Model Evaluations, ERCOT is responsible for evaluating existing Load Profiles for change as Load Profiles may become stagnant and/or not representative of the segments of the ERCOT market for which they are used.

(2) This Section details the criteria which should be applied in determining whether Load Profile changes are appropriate.

(3) The following criteria shall be applied to determine whether Load Profile changes are appropriate based on evaluations using current Load research data:

(a) The Load weighted average annual price for a current Load Profile is outside the 90% confidence interval of the price estimate based on the Load Profile developed from the current Load research;

(b) The on-peak/off-peak ratio for a current Load Profile is outside the 90% confidence interval of the ratio estimate based on the Load Profile developed from the current Load research;

(c) The Load factor for a current Load Profile is outside the 90% confidence interval of the Load factor estimate based on the Load Profile developed from the current Load research;

(d) One or more of the comparison statistics listed in Section 8.2.4.4, Summary Statistics on Differences Between Series, for a current Load Profile are outside the 90% confidence interval of the corresponding statistic based on the Load Profile developed from the current Load research for 10% or more of the intervals for the analysis period, which is normally one year;

(e) One or more of the summary statistics listed in Section 8.2.4.4 for a current Load Profile are outside the 90% confidence interval of the corresponding statistic based on the Load Profile developed from the current Load research.

(4) The following criteria shall be applied to determine whether Load Profile changes are appropriate based on evaluations using other than current Load research data: The average difference of the reading fractions calculated as outlined in Section 8.3.2.2, Examination of Monthly Patterns, across the ESI IDs currently assigned to the Load Profile exceed 2% on either a seasonal or annual basis.

8.8 Procedures for Requesting a Change to Load Profile Models

This Section 8.8, Procedures for Requesting a Change to Load Profile Models, describes the procedures for requesting changes to Load Profile Models. Procedures for requesting changes to Load Profile Segments are described in Section 12, Request for Load Profile Segment Changes, Additions, or Removals. Procedures for requesting changes to Weather Zones are described in Section 13, Changes to Weather Zone Definitions.

8.8.1 Request for Load Profile Model Changes

(1) The following Entities may submit requests for Load Profile Model changes:

(a) Any Market Participant;

(b) Any Entity that is an ERCOT Member;

(c) Public Utility Commission of Texas (PUCT) Staff;

(d) ERCOT Staff; and

(e) Any other Entity who resides (or represent residents) in Texas or operates in the Texas electricity market.

(2) Requests for Load Profile Model changes shall be submitted to the Profiling Working Group (PWG) and are subject to approval as outlined in Section 8.9.1, Timeline Prior to Implementing a Load Profile Change.

8.8.2 General Information Required with a Request

(1) Requests for changes shall include the following:

(a) Identifying the party making the request, with contact information;

(b) Identifying the Load Profile Segment(s) and Weather Zone(s) affected; and

(c) If requesting a non-routine evaluation, describe why the evaluation is needed more immediately than the next routine evaluation.

(2) Parties may also submit requests for changes with supporting evidence to be considered as part of the next routine evaluation. Such requests should be identified as providing supporting information to be considered in the routine evaluation.

8.8.3 Requesting Load Profile Model Adjustment Factors

(1) To support a request for development or revision of adjustment factors, the following types of information may be submitted:

(a) Analysis of data available in ERCOT systems. Such data may include recent Load research data collected by Transmission and/or Distribution Service Providers (TDSPs) or by ERCOT, weather data from weather stations used by ERCOT, or monthly consumption data. The supporting documents shall describe the data sources and show analysis of any factors such as those described in Section 8.4, Routine Evaluations.

(b) Analysis of Load research data not available to ERCOT. The supporting documents shall detail the data sources and show analysis of any factors such as those described in Section 8.4.

(2) The quality of the data should be documented as described in Section 12, Request for Load Profile Segment Changes, Additions, or Removals.

8.8.4 Requesting Change to Engineering Estimates

The supporting documentation shall provide evidence for changing the assumed operating schedules. The sources and quality of the data should be documented as described in Section 12.6, Information Required with Request for Change.

8.8.5 Requesting Re-Estimation of Models

Supporting documentation shall provide data and analysis similar to that described in Section 7.4, Information Required with Request for Change. The documentation shall also offer evidence that the problems are widespread or are too severe to be corrected adequately by adjustments to coefficients.

8.9 Approval Process for Load Profile Model Changes

(1) If the Profiling Working Group (PWG) recommends a change based on the results of an evaluation, the following procedures shall be utilized to implement the change.

(2) Recommendation by the PWG and the appropriate Technical Advisory Committee (TAC) subcommittee and approval by TAC, of any Load Profile Model changes are required before such changes are implemented.

(3) Each recommendation for a Load Profile Model change shall be accompanied by an implementation plan to mitigate the impact of transitioning between old and new Load Profile Models. The implementation plan shall be approved by TAC.

8.9.1 Timeline Prior to Implementing a Load Profile Change

Refer to Protocol Section 18.2.8, Adjustments and Changes to Load Profile Development, for details of the implementation timeline.

8.9.2 Adjusted Static Models

8.9.2.1 Development of Adjustment Factors

(1) As discussed in Section 8.6, Assessing the Type of Load Profile Model Change Needed, bias of moderate scope may be addressed by developing adjustment factors to the model coefficients for a particular segment and Weather Zone. Adjustment factors are calculated for each day-type and hour within each Weather Zone that shall be adjusted.

(2) The calculated adjustment factors are then applied as an additional step in the calculation of the Load Profile for that segment and Weather Zone. That is, the new or revised Load Profile is calculated from the existing Weather Zone coefficients and current weather data as described in Section 8.6, Assessing the Type of Change Needed.

(3) For Weather Zones that do not have adjustment factors, this step may be omitted from the Load Profile calculation process. Alternatively, adjustment factors may be included for all Weather Zones and/or for all segments within each Weather Zone, but these factors would be set to one for cases where no adjustment was to be made to that segment and Weather Zone.

8.9.2.2 Model Re-Estimation

If the evaluation indicates a need to re-estimate the model parameters for a particular segment, the model coefficients shall be re-estimated across all Weather Zones. In the simplest case, the same model as currently used would be re-estimated using the most recent available Load research data. At the time the models are re-estimated, refinements to the model may also be considered.

8.9.3 Engineering Estimates

If the evaluation indicates a need to change the assumptions of the Engineering Estimates for this type of Load Profile Methodology, the revised assumptions shall be used to determine a new engineering-based Load Profile.

ERCOT Load Profiling Guide
Section 9: Load Profile IDs

December 1, 2013

9 LOAD PROFILE IDS

9.1 Assignment of Load Profile IDs

Transmission and/or Distribution Service Providers (TDSPs) are responsible for initially assigning the Load Profile IDs of all Electric Service Identifiers (ESI IDs), as well as any changes in assignment. ERCOT is responsible for calculating the Load Profile Segment for the Load Profile ID as defined by the Annual Validation process in Section 11.2, Annual Validation of Load Profile Type. The Profile Decision Tree is a dynamic Microsoft Office Excel© file (*see* Appendix D) that contains the directions to use when assigning Load Profile IDs to ESI IDs.

9.1.1 Profile Decision Tree Revision and Approval Process

(1) All revisions to the Profile Decision Tree shall be submitted through the Load Profiling Guide Revision Request (LPGRR) process described in Section 2, Load Profiling Guide Revision Process. ERCOT may use an administrative LPGRR to revise the contents of the following Profile Decision Tree tabs:

(a) FAQ – frequently asked questions related to the assignment of Load Profile IDs;

(b) Use of Components – information about how each component of the Load Profile ID is used by ERCOT in the Settlement process;

(c) ZipToZone – a table that maps Zone Improvement Plan (ZIP) Codes to Weather Zones;

(d) TOU Schedules – a list of the Time of Use Schedules (TOUSs) and their corresponding TOUS codes;

(e) Valid Profile IDs – a list of all Load Profile IDs that can be assigned to ESI IDs that are within the ERCOT region;

(f) Non-ERCOT Profile IDs – a list of Load Profile IDs that can be assigned to ESI IDs that are within Texas, but outside of the ERCOT region; and

(g) NOIEs – directions for Non-Opt-In Entities (NOIEs) to use in determining Load Profile ID assignments.

9.1.2 Assignment of Load Profile IDs for New Service Delivery Points

TDSPs shall create and submit ESI IDs as new Service Delivery Points (SDPs) are established. It is the responsibility of the TDSP to make the Load Profile ID assignment for each new ESI ID. To assign the Load Profile Type for new ESI IDs, the TDSP shall

assign the default Load Profile Segment designated in Appendix D, Profile Decision Tree, on the "Segment Assignment" worksheet.

9.1.3 Assignment of Load Profile IDs for New Electric Service Identifiers Resulting from a Mass Transition

When a Mass Transition involves moving SDPs from one TDSP to another, the gaining TDSP creates and submits ESI IDs for all gained SDPs. To assign the Load Profile ID for new ESI IDs, the gaining TDSP shall obtain the current Load Profile ID assignment from either the losing TDSP or ERCOT. For detailed information on the Mass Customer Transition Process, please refer to Retail Market Guide.

9.1.4 Assignment of BUSOGFLT Profile Type

(1) Competitive Retailers (CRs) seeking to have the Oil & Gas Flat (OGFLT) Profile Segment assigned to one of their Business (BUS) ESI IDs shall follow the instructions on the Oil & Gas tab of Appendix D, Profile Decision Tree.

(2) ERCOT shall review all assignments of the BUSOGFLT Profile Type on a quarterly basis, per Section 11.3.1, Validation of BUSOGFLT Profile Type.

9.1.5 Assignment of Load Profile IDs for Distributed Generation

(1) CRs seeking to have the profile segments for Photovoltaic, wind or other Distributed Generation (DG) assigned to one of their Residential (RES) or Business (BUS) ESI IDs shall follow the instructions on the "DG" tab of Appendix D, Profile Decision Tree.

(2) ERCOT shall review all assignments of the Load Profile Segments for Photovoltaic, wind, and other DG on an annual basis, per Section 11.3.3, Validation of Profile Segments for Distributed Generation.

9.1.6 kVA Metered Loads

Any TDSP that routinely measures kVA Demand instead of kW Demand shall coordinate with the PWG to determine the Power Factor that shall be used to estimate their kW Demand, in accordance with Section 10, kVA to kW Conversion. Approved Power Factors are listed in Appendix D, Profile Decision Tree.

9.1.7 Load Profile ID Assignment for Non-ERCOT Electric Service Identifiers

(1) TDSPs are required to assign ESI IDs for all SDPs within Texas, not just those within the ERCOT Region. Therefore, a Load Profile ID shall also be submitted to ERCOT by the respective TDSP, even though the non-ERCOT information shall not be used in ERCOT Settlements. To ensure that the non-ERCOT Load

Profile IDs are not confused with the ERCOT Load Profile IDs, it is necessary to give them names that are different than those for ESI IDs within ERCOT.

(2) A list of valid Load Profile IDs to be assigned to ESI IDs within Texas, but outside of the ERCOT Region (non-ERCOT ESI IDs), is included in Appendix D, Profile Decision Tree, under the "Non-ERCOT Profile IDs" worksheet. TDSPs shall submit for approval to ERCOT additional names or changes for their non-ERCOT Load Profile IDs. The Load Profile ID may be no more than 30 characters in length. A comprehensive listing of non-ERCOT Load Profile IDs shall be maintained in the Profile Decision Tree.

9.1.8 Load Profile ID Assignment for Non-Opt In Entities

NOIEs are required to submit Load Profile IDs for the ESI IDs that represent the NOIE metering points, as defined in Protocol Section 10, Metering. The Profile Decision Tree contains details on Load Profile ID assignments for NOIEs. The Load Profile ID shall be based on default values for four of the five fields in the Load Profile ID. The only component determined by the NOIE is the Weather Zone code. This is assigned based on the ZIP code at the metering point.

9.2 Processes to Change Load Profile ID Assignments

(1) ERCOT, a Transmission and/or Distribution Service Provider (TDSP), or a Competitive Retailer (CR) may request a change in the Load Profile ID assignment of an ESI ID. ERCOT may initiate a change as a result of the ERCOT Load Profile ID validation process. A TDSP shall initiate a change, when necessary, due to a change in the TDSP tariff to which the ESI ID is assigned, a meter type change, or an error with the Load Profile ID assignment. A CR may submit a change request to the TDSP when the CR believes there is an error in the existing Load Profile ID or when the CR believes adequate data has become available to replace a default Load Profile ID assigned to a new ESI ID. A Customer may request a Load Profile ID change by contacting their CR. Load Profile ID assignments shall always be based on the criteria defined in the appropriate Profile Decision Tree. Regardless of which Entity initiates a change in the Load Profile ID assignment for an ESI ID, the TDSP is responsible for formally updating ERCOT's systems using the appropriate Texas Standard Electronic Transaction (TX SET).

(2) All communication among Market Participants and between Market Participants and ERCOT regarding Load Profile ID changes shall be implemented per the appropriate TX SET transaction, except for alternative communication processes that are specified within the Load Profiling Guide (LPG).

(3) For any change made to a Load Profile ID, it is the responsibility of the TDSP to make sure the effective date of change is concurrent with a specific meter read date and that the meter read information reaches ERCOT prior to the Load Profile ID change. For Load Profile ID changes that result from Annual Validation, a

TDSP tariff change, a meter type change, or a CR request to change a default Load Profile ID when adequate data becomes available, the TDSP shall submit the change after said meter read has been sent to ERCOT. For any Load Profile ID assignments that are found to be in error by dispute, the effective date of change shall be retroactive to the meter read date when no profile segment assignment error existed; however, the effective date of the change shall not go any farther back than what would affect the True-Up Settlement.

9.2.1 Load Profile ID Changes Initiated By Transmission and/or Distribution Service Providers

The TDSP may initiate a Load Profile ID change related to a TDSP tariff change, to correct previous assignment errors, or to reflect a meter type change. All Load Profile ID changes shall be processed according to TX SET transactions.

9.2.1.1 Load Profile ID Change Related to a Transmission and/or Distribution Service Provider Tariff Change

When a Premise changes between residential and business TDSP tariffs, or when a meter type change is made for a TDSP tariff billing requirement, the TDSP is required to submit a Load Profile ID change effective on the meter read date of the TDSP tariff change.

9.2.1.2 Recognized Error in Current Assignment

Should the TDSP become aware of an error in the assignment of a Load Profile ID, the TDSP shall notify the CR of the error as soon as practical and provide the date the Load Profile ID is to be changed and the effective date of that change. If there is a valid reason, the CR may request that the Load Profile ID change does not take place. This request shall be provided to the TDSP within three days of the expected date of change. If a dispute is created, refer to Section 14.2, General Load Profile ID Dispute Resolution Guidelines.

9.2.1.3 Load Profile ID Changes Resulting from Meter Type Changes

The following subsections outline the procedures for implementing Load Profile ID changes when a meter type change occurs.

9.2.1.3.1 Non-Interval Data Recorder to Interval Data Recorder and Interval Data Recorder to Non-Interval Data Recorder

The TDSP shall install the Non-Interval Data Recorder/Interval Data Recorder (NIDR/IDR) meter in accordance with the procedures specified by the Retail Market

Guide and submit the Load Profile ID change to ERCOT using the appropriate TX SET transaction with the effective date of the meter change once the meter/IDR installation is complete. Refer to Protocol Section 18.6, Installation and Use of Interval Data Recorder Meters.

9.2.1.3.2 Non-Time Of Use to Time Of Use

The CR shall notify the appropriate TDSP when a Time Of Use (TOU) meter needs to be installed at a specific Premise and specify the schedule for the TOU meter. For a normal TOU meter installation, the TDSP has until the second regularly scheduled meter read date after receipt of the CR's request to install the TOU meter at the Premise and submit the Load Profile ID change to ERCOT. In accordance with TX SET, the TDSP shall communicate to the CR when the requested meter change is expected to take place. The Load Profile ID change shall not be submitted until the TOU meter has been installed. Only approved Time Of Use Schedules (TOUSs) specific to a TDSP service territory shall be available. These applicable TOUSs shall be found in Appendix D, Profile Decision Tree. If a Market Participant desires to use a TOUS that is not currently available in a specific TDSP service territory, the Market Participant shall follow the appropriate process to obtain approval of the new TOUS. When a new TOUS is approved, the TDSP shall inform ERCOT of the availability of this schedule. The new TOUS must be defined in Appendix D, Profile Decision Tree, and in the ERCOT systems. ERCOT will then notify the TDSP that it may submit the appropriate TX SET transaction to change the affected Load Profile IDs. If more than four TOU periods are requested by a CR for the approved new TOUS, TX SET changes and ERCOT system changes will be required.

9.2.1.3.3 Time Of Use to Non-Time Of Use

The CR shall notify the TDSP when an ESI ID shall no longer be settled on a TOUS. The TDSP has the discretion to either leave the TOU meter in place or to replace the meter with a Non-Time Of Use (NOTOU) meter. Whether a meter change is made or not, the TDSP shall submit a Load Profile ID change in which the TOUS component of the Load Profile ID is NOTOU, which shall be effective at the next meter read date.

9.2.1.3.4 Business Demand to Business Non-Demand

(1) When Demand data is no longer required by the TDSP tariffs, and the CR has no need for Demand data then the TDSP shall change the assignment of the ESI ID to BUSNODEM. If a Demand meter is present and used for billing purposes, then the TDSP shall send Demand data to ERCOT via TX SET transactions.

(2) When a TDSP determines that an ESI ID assignment should be changed to BUSNODEM based on the TDSP metering tariff rules, the TDSP shall notify the CR at least 30 days prior to making the Load Profile ID change. If the CR requires Demand data to support Customer billing for the ESI ID in question, then the CR shall notify the TDSP of its requirement for Demand data. Upon CR

notification, the TDSP shall not change the Demand meter and the TDSP shall continue collecting Demand data. The ESI ID shall retain its Load factor Load Profile ID assignment.

(3) If it is determined that Demand data is no longer required by either the CR or the TDSP, the TDSP has the option of:

(a) Replacing the Demand meter with a non-Demand meter; or

(b) Leaving the Demand meter in place but discontinue sending any Demand data for that ESI ID to ERCOT.

(4) Regardless of which Demand meter change option the TDSP pursues, the effective date of the Load Profile ID change shall coincide with the last meter read date where Demand data is sent to ERCOT.

(5) If a TDSP elects to leave a Demand meter in service on an ESI ID that no longer requires a Demand meter, the Load Profile ID shall be changed to the BUSNODEM profile. The TDSP shall submit the appropriate TX SET transaction to change the Load Profile ID to ERCOT before the next regularly scheduled meter read date with an effective date of the last meter read.

(6) If the TDSP elects to replace the meter, then the TDSP shall submit the appropriate TX SET transaction to ERCOT to change the Load Profile ID with an effective date of the meter change date.

9.2.1.3.5 Non-Demand to Demand

The CR shall notify the TDSP when it requires a specific ESI ID to have a Demand meter. Under normal Demand meter installations, the TDSP has until the second regularly scheduled meter read date after receipt of the CR's request to install the requested meter type at the Premise and submit the Load Profile ID change to ERCOT.

9.2.1.4 CR Requested Change from a Default Load Profile ID

After a new ESI ID has sufficient usage history, a CR may request a change from a default Load Profile ID using the ERCOT retail transaction issue resolution system. The requested Load Profile ID shall follow the guidelines for calculations contained in Appendix D, Profile Decision Tree. In the case of a Business ESI ID, the 12 months used in the calculations shall be the first 12 months of usage for the ESI ID. In the case of a residential ESI ID, the first consecutive seven months from October through April is all that is needed for the calculation of Winter Ratio. Once the Winter Ratio is known then the CR may request a change from the default Load Profile ID. After ERCOT has validated the CR's calculated Load Profile ID change request, ERCOT will then submit the request to the appropriate TDSP. The TDSP will verify that the change is consistent with their tariff and send the appropriate TX SET transaction to complete the request.

ERCOT Load Profiling Guide
Section 10: kVA to kW Conversion

October 1, 2010

10 kVA TO kW CONVERSION

(1) The majority of Transmission and/or Distribution Service Providers (TDSPs) meter kW Demand. However, some TDSPs only meter kVA Demand. To assign a Load Profile ID to an Electric Service Identifier (ESI ID), the kVA shall be converted to a kW value for the Load factor calculation for business Non-Interval Data Recorder (NIDR) Customers. This Section 10, kVA to kW Conversion, of the Load Profiling Guide (LPG) addresses how kVA shall be converted to kW for Load Profile ID assignments.

(2) This Section of the LPG applies to any Market Participants such as:

(a) A TDSP that currently meters kVA;

(b) A TDSP that changes from kW to kVA metering; or

(c) A Non-Opt-In Entity (NOIE) that currently meters kVA and decides to opt-in.

(3) Appendix D, Profile Decision Tree, defines how kVA is to be converted to kW (kW is equivalent to the product of kVA and Power Factor). The Power Factor(s) for this conversion shall be determined by a case study performed by the TDSP.

(4) The TDSP shall submit their Power Factor(s) conversion case study to ERCOT for review and approval by ERCOT. The Profiling Working Group (PWG) shall meet and review the case study within 30 days of the submittal. Upon approval by the PWG, the request shall be sent to the Commercial Operations Subcommittee (COPS) and Technical Advisory Committee (TAC) for approval as appropriate. After approval of the case study, ERCOT shall update the Profile Decision Tree. The TDSP shall use the approved Power Factor(s) conversion for Load Profile ID assignments.

(5) TDSPs that meter kVA shall review the performance of the Power Factor(s) periodically at the discretion of ERCOT or the PWG and either submit a revised Power Factor(s) case study or justification for maintaining the Power Factor(s) of their previous case study. The periodic reporting of Power Factor(s) conversion case studies is due at the end of September, unless circumstance warrants otherwise.

(6) The case study shall detail the Power Factor analysis, which supports the specified Power Factor(s) for kVA to kW conversion. ERCOT and the PWG shall specify minimal reporting standards for Power Factor analysis to each requestor on a case-by-case basis. Complete and comprehensive case studies with statistical analyses shall be more readily approved.

(7) Without approval of the case study, a default Power Factor of 1.0 shall be imposed. A default Power Factor of 1.0 means kVA shall be considered equivalent to kW.

ERCOT Load Profiling Guide
Section 11: Validation of Load Profile ID

December 1, 2013

11 VALIDATION OF LOAD PROFILE ID

(1) A Load Profile ID is comprised of five components:

(a) Load Profile Type;

(b) Weather Zone;

(c) Meter Data Type;

(d) Weather sensitivity; and

(e) Time Of Use Schedule (TOUS).

(2) ERCOT shall validate the first two components, the Load Profile Type and Weather Zone, at the following times:

(a) As part of the initial assignment of Load Profile IDs for Opt-In Entities;

(b) When Load Profile Segment definitions change; and

(c) At least one time per year during the Annual Validation process.

(3) At the start of the validation process, the Transmission and/or Distribution Service Provider (TDSP) shall be asked to provide information on contact persons, both primary and backup. Reciprocally, ERCOT shall provide the TDSP information on an ERCOT contact person.

(4) Regarding validation processes detailed in this section, electronic mail is the primary means of communication among ERCOT, the Profiling Working Group (PWG), and Market Participants. Other methods of communication shall be accommodated if all affected parties mutually agree to alternative methods.

11.1 Initial Assignment of Load Profile IDs for Opt-In Entities

(1) When a Non-Opt-In Entity (NOIE) chooses to participate in the retail market, its business unit responsible for Transmission and/or Distribution Service Provider (TDSP) functions shall be subject to all requirements detailed in this Section11.1, Initial Assignment of Load Profile IDs for Opt-In Entities, section for assigning Load Profile IDs to Electric Service Identifiers (ESI IDs).

(2) Once the NOIE has given notice to ERCOT of its intent to participate in the retail market, the NOIE's business unit responsible for TDSP functions shall be responsible for submitting all assigned ESI IDs, their Load Profile Group, and their historical usage to ERCOT. For ESI IDs assigned to the non-metered group, the Opt-In Entity shall also submit their Profile Type. This information shall be submitted in a comma-delimited format at least 120 days prior to the effective start date of their entry into open market. The Opt-In Entity shall provide

monthly usage and Demand values that are available to the Opt-In Entity in an electronic format for a period of time established in cooperation with ERCOT on a case-by-case basis. Load Profile ID assignments shall be based on the criteria defined in Appendix D, Profile Decision Tree. ERCOT will calculate the Load Profile Segment using the historical usage provided by the Opt-In Entity for the specified time period. ERCOT and the Opt-In Entity shall work together to resolve any issues with the data provided by the Opt-In Entity. ERCOT shall provide the Opt-In Entity a file containing all of the ESI IDs and their Load Profile Type. The Opt-In Entity shall use the provided information to assign the Load Profile ID via the appropriate Texas Standard Electronic Transactions (TX SET). The schedule for submitting those transactions shall be coordinated with ERCOT.

11.1.1 Validation of Initial Opt-In Entity Assignments

(1) The Opt-In Entity shall notify ERCOT Load Profiling via email when the transactions to create the Opt-In ESI IDs have been submitted and accepted in the ERCOT System. After receiving notification, ERCOT shall perform three additional reviews to ensure all ESI IDs are set up in accordance with the appropriate Profile Decision Tree.

(a) ERCOT will compare each ESI ID and Load Profile ID assignment in the ERCOT database with the previously approved initial Load Profile Type;

(b) ERCOT will validate that Weather Zone assignment is consistent with the appropriate Profile Decision Tree; and

(c) ERCOT shall validate Load Profile Group assignment for Residential and Business ESI IDs by using the Premise Type field in ERCOT's registration database. The Residential Load Profile Group must match the Residential Premise Type in the registration database. The Business Load Profile Group must match either the Small Non-Residential or Large Non-Residential Premise Type in the registration database.

(2) Any discrepancies will be reported to the Opt-In Entity via email. The Opt-In Entity shall submit corrections to ERCOT via appropriate TX SET transaction or provide details as to why the data elements have changed.

(3) The initial Load Profile ID assignment validation is complete after all discrepancies are resolved.

11.2 Annual Validation of Load Profile Type

(1) For the purposes of Annual Validation, ERCOT is responsible for determining the Load Profile Type assignment for all Residential and Business Load factor Electric Service Identifiers (ESI IDs). Transmission and/or Distribution Service

Providers (TDSPs) and ERCOT shall work closely and expeditiously with each other during the Annual Validation process.

(2) When a date is listed in this Section 11.2 and a year is not specified, the date shall apply to the year in which the Annual Validation is performed.

11.2.1 Annual Validation of Load Profile Type Assignment for RES and BUS Load Factor Electric Service Identifiers

The following timeline shall be adhered to, unless otherwise approved by an appropriate Technical Advisory Committee (TAC) subcommittee. ERCOT shall utilize the historical usage and Demand data in its systems to derive usage time period values for each active and de-energized ESI ID for the time period specified in Appendix D, Profile Decision Tree.

(a) Residential Load Profile Group Timeline

(i) ERCOT shall determine the Load Profile Segment for the Load Profile ID for each active and de-energized ESI ID based on the current Profile Decision Tree in Appendix D. ERCOT shall provide the TDSPs with a list of Residential ESI IDs containing the current Load Profile Type and the recommended Load Profile Type for those ESI IDs where ERCOT recommends a change in Load Profile Type assignment. An electronic copy of each list shall be delivered to each TDSP no later than June 30.

(ii) For each ESI ID contained in the lists, the TDSPs shall review the recommended Load Profile Segment assignment and determine whether the recommended change is consistent with the TDSP tariffs, the applicable Retail Electric Provider (REP) billing requirements, and whether the ESI ID is active or de-energized. The TDSP shall then send finalized lists of ESI IDs back to ERCOT no later than July 10. The finalized lists shall indicate all revisions determined to be necessary by the TDSP.

(iii) ERCOT shall send notification to Competitive Retailers (CRs) and the Profiling Working Group (PWG) by July 15 announcing these lists are available to the CR of record. Upon request, ERCOT shall make available to the current CR of record the list of those ESI IDs that are expected to have a Load Profile ID change as a result of Annual Validation.

(iv) The TDSPs shall coordinate with ERCOT to submit the necessary Texas Standard Electronic Transaction (TX SET) transactions to update Load Profile ID assignments for the population of the Residential Load Profile Group to be effective on the most current meter read date on or after August 15.

(v) TDSPs are responsible for verifying that TX SET transactions related to Annual Validation have been successfully accepted into ERCOT's systems by monitoring the appropriate response transactions. The TDSPs and ERCOT shall work together to have TX SET transactions successfully completed for the Residential Load Profile Group by September 30.

(vi) Within the first two Business Days of the TDSP successfully submitting all of its Residential transactions, ERCOT shall compare the finalized lists of recommended changes with the current Load Profile ID in the ERCOT system. ERCOT and the TDSPs shall work closely and expeditiously to resolve any discrepancies. The TDSP and ERCOT shall be in contact until at least 99.0% of the finalized list of changes is resolved to their mutual satisfaction.

(vii) ERCOT and the TDSPs shall provide regular updates on the progress of Annual Validation as needed, or at a minimum during the regularly scheduled PWG meetings.

(b) Business Load Profile Group Timeline

(i) ERCOT shall determine the Load Profile Type for the Load Profile ID for each active and de-energized ESI ID based on the current Profile Decision Tree (Appendix D). ERCOT shall provide the TDSPs with a list of Business Load factor ESI IDs containing the current Load Profile Type and the recommended Load Profile Segment for those ESI IDs where ERCOT recommends a change in Load Profile Segment assignment. An electronic copy of each list shall be delivered to each TDSP no later than August 15.

(ii) For each ESI ID in the lists, the TDSPs shall review the recommended Load Profile Segment assignment and determine whether the recommended change is consistent with the TDSP tariffs, the applicable Retail Electric Provider (REP) billing requirements, and whether the ESI ID is active or de-energized. The TDSP shall then send finalized lists of ESI IDs back to ERCOT no later than August 25. The finalized lists shall indicate all revisions determined to be necessary by the TDSP.

(iii) ERCOT shall send Notification to CRs and the PWG by September 1 announcing these lists are available to the CR of record. Upon request, ERCOT shall make available to the current CR of record the list of those ESI IDs that are expected to have a Load Profile ID change as a result of Annual Validation.

(iv) The TDSPs shall coordinate with ERCOT to submit the necessary TX SET transactions to update Load Profile ID assignments for the population of Business Load factor group to be effective on the most current meter read date on or after October 1.

(v) TDSPs are responsible for verifying that TX SET transactions related to Annual Validation have been successfully accepted into ERCOT's systems by monitoring the appropriate response transactions. The TDSPs and ERCOT shall work together to have TX SET transactions successfully completed for the Business Load factor group by November 30.

(vi) Within the first two Business Days of the TDSP successfully submitting all of its Business Load factor transactions, ERCOT shall compare the finalized lists of recommended changes with the current Load Profile Segment in the ERCOT system. ERCOT and the TDSPs shall work closely and expeditiously to resolve any discrepancies. The TDSP and ERCOT shall be in contact until at least 99.0% of the finalized list of changes is resolved to their mutual satisfaction.

(vii) ERCOT and the TDSPs shall provide regular updates on the progress of Annual Validation as needed, or at a minimum during the regularly scheduled PWG meetings.

11.3 Additional Validations

During the Annual Validation process, ERCOT shall perform additional validations to identify potentially incorrect Load Profile ID or Premise Type assignments. For those Electronic Service Identifiers (ESI IDs) flagged for review, the issue dispute resolution process will be utilized to notify the Transmission and/or Distribution Service Provider (TDSP) of all identified issues. If a Load Profile ID or Premise Type change is necessary, the TDSP shall update the Load Profile ID in the ERCOT system using the appropriate Texas Standard Electronic Transaction (TX SET) transaction.

11.3.1 Validation of BUSOGFLT Profile Type

ERCOT shall verify that only eligible ESI IDs are assigned the Business Oil and Gas Flat (BUSOGFLT) Profile Type. Should an ESI ID be found to have been assigned the BUSOGFLT Profile Type erroneously, ERCOT shall work with the TDSP to have the Profile Type assignment corrected, and ERCOT shall notify the Competitive Retailer (CR) of record.

11.3.2 Validation of NMFLAT and NMLIGHT Profile Types

ERCOT shall review all ESI IDs and their usage which are classified with either a Non-Metered Flat (NMFLAT) or Non-Metered Light (NMLIGHT) Profile Type and calculate the Average Daily Use (ADU) for each ESI ID. ESI IDs with excessive fluctuation over the 12-month period being reviewed shall be reported to the TDSP.

11.3.3 Validation of Profile Segments for Distributed Generation

ERCOT shall verify that only eligible ESI IDs are assigned Load Profile Segments for Distributed Generation (DG). For ESI IDs found to have been assigned a profile segment for DG erroneously, ERCOT shall work with the TDSP to have the profile segment assignment corrected.

11.3.4 Comparison of Profile Type to Premise Type

ERCOT shall review and identify all ESI IDs with conflicting Profile and Premise Type combinations. Any discrepancies shall be reported to the TDSP.

11.3.5 Validation of Service Address Zone Improvement Plan Code

ERCOT shall validate that the service address Zone Improvement Plan (ZIP) code for each ESI ID is located within the ERCOT region, and shall perform consistency checks for Congestion Zone, TDSP service area, and substation. ERCOT shall provide lists to the TDSP of any ESI IDs which have been identified as having a suspect ZIP code or substation assignment.

11.3.6 Validation of Weather Zone Code

ERCOT shall compare the current ESI ID Weather Zone component of the Load Profile ID to the Weather Zone assignment based on the current Profile Decision Tree in Appendix D, Profile Decision Tree, utilizing the service address ZIP code in ERCOT's system. Any discrepancies shall be reported to the TDSP.

11.3.7 Comparison of Meter Data Type Code to Profile Type Code

ERCOT shall compare the Meter Data Type code component of the Profile ID to the Load Profile Group code for all ESI IDs. Any discrepancies shall be reported to the TDSP.

11.3.8 Comparison of Weather Sensitivity Code to Meter Data Type Code

ERCOT shall verify that all ESI IDs with a Meter Data Type of Non-Interval Data Recorder (NIDR) are assigned a Weather Sensitivity code of Non-Weather Sensitivity (NWS). ERCOT shall also verify that only ESI IDs having a Meter Data Type of IDR which were identified by ERCOT during the most recent weather sensitivity analysis as being weather sensitive are assigned a weather sensitivity code of WS. Any discrepancies shall be reported to the TDSP. The annual procedures for reviewing of the weather sensitivity code are located in Protocol Section 11.4.3.1, Weather Responsiveness Determination.

ERCOT Load Profiling Guide
Section 12: Request for Load Profile Segment Changes, Additions, or Removals

December 1, 2010

12 REQUEST FOR LOAD PROFILE SEGMENT CHANGES, ADDITIONS, OR REMOVALS

(1) This Section 12, Request for Load Profile Segment Changes, Additions, or Removals, of the Load Profiling Guide (LPG) addresses changes, additions, and deletions to Load Profile Segments, with the exception of Load Profile Segment modifications addressed in Section 16, Supplemental Load Profiling.

(2) The steps and tests identified to introduce new Load Profiles or changes to Load Profiles are intended to fulfill the criteria established in Protocol Section 18.2.1, Guidelines for Development of Load Profiles. With market experience and an increase in the availability of Load research data, the Profiling Working Group (PWG) expects the accuracy and precision of the Load Profiles to improve. Threshold values in establishing criteria for Load Profile changes shall be determined with market experience.

(3) Any change to Load Profile ID assignments resulting from an approved modification to the definitions of Load Profile Segments shall not be retroactively applied.

12.1 Types of Requests

The following types of requests are addressed in this Section 12.1, Types of Requests.

(a) Creation of a new Load Profile Segment from one or more existing Load Profile Segments;

(b) Redefinition of existing Load Profile Segments; and

(c) Removal of existing Load Profile Segments.

12.1.1 Creation of a New Load Profile Segment

(1) When a new Load Profile Segment is created, there may be an impact to one or more existing Load Profile Segments. This new segment will be applied to Electric Service Identifiers (ESI IDs) that are removed from one or more existing Load Profile Segments.

(2) If a new Load Profile Segment is created, adjustments may be required to the affected existing Load Profile Segment(s).

12.1.2 Redefinition of an Existing Load Profile Segment

Redefinition of existing Load Profile Segment parameters requires that some ESI IDs be moved from one segment to another. Thus, a change for existing profile segment parameters impacts at least two Load Profile Segments.

12.1.3 Removal of Existing Load Profiles Segments

(1) A request to remove an existing Load Profile Segment shall provide information similar to that required for the creation or change of a segment. Supporting documentation shall provide evidence that the Load Profile proposed for removal does not satisfy the standards for a separate Load Profile. Specifically, the group represented by the Load Profile may be as follows:

(a) Too small to justify a separate Load Profile Segment, as described in Section 12.5, Groups of Electric Service Identifiers Eligible to Become Load Profile Segments; and/or

(b) Sufficiently similar to one or more existing Load Profiles, according to the measures defined in Section 12.5.

(2) Removal of an existing Load Profile Segment necessarily means changing definitions of one or more existing Load Profile Segments to include the ESI IDs currently in the proposed removed segment. Accordingly, a request to remove a Load Profile Segment shall typically require supporting documentation for changing the definition of an existing segment.

12.2 Request for Load Profile Segment Changes

Any Market Participant, ERCOT, or the Profiling Working Group (PWG) may submit a request for a change to Load Profile Segments according to the procedures outlined in Section 12, Request for Load Profile Segment Changes, Additions, or Removals.

12.3 Procedure for Submitting a Request

(1) ERCOT shall post a Load Profile Segment change request form to the ERCOT website. A completed application form shall accompany all requests for a Load Profile Segment change. Data sets, supporting files, and documentation shall be provided in electronic form.

(2) If the originator of the Load Profile Segment change request is a Market Participant other than ERCOT, they shall indicate on the submitted form that they are requesting either a conditional or full approval of the change. Subsequent to submitting the form, the originator may amend the request from being conditional to full or vice versa by notifying ERCOT and the Profiling Working Group (PWG).

12.4 Process Timing for Requesting Changes

(1) Requests for changes may be submitted to ERCOT at any time. Within two Business Days of receiving the request, ERCOT shall reply to the submitter indicating that the request has been received.

(2) As required by Protocol Section 18.2.8, Adjustments and Changes to Load Profile Development, ERCOT shall respond to the request within 60 days. This period does not include the time required to analyze and render the final decision of the request. The response shall indicate:

(a) Whether the request is complete;

(b) The date by which a recommendation on the request is expected to be ready and available to the requestor;

(c) The date by which the recommendation is expected to be presented to the Profiling Working Group (PWG); and

(d) The best guess time the requested change is expected to be implemented (ready for Settlement), if approved.

(3) During ERCOT's evaluation of the request, ERCOT may request supplemental information determined to be important to justifying the new segment.

(4) The requester is not required to provide supplemental information for an otherwise complete request. If ERCOT determines that supplemental information is important, failure to provide this information may be considered as a weakness in the support for the request.

(5) A requestor may, at their discretion, submit a Load Profile Segment change request with supporting information and documentation, which includes all the criteria listed in Section 12.6, Information Required with Request for Change, except for providing Load research sample data of sufficient quality to support the request. In this case, the requestor shall indicate that the request is for conditional approval.

(6) Upon completion of the review outlined in Section 12.8, Evaluation of the Request, ERCOT shall make a recommendation to the PWG regarding conditional approval. If the recommendation is to grant conditional approval, then ERCOT shall specify the requirements for additional Load research sampling and the specific and objective criteria to be met by the analysis of the Load research data collected with the additional sampling to meet the requirements for final approval.

(7) According to Protocol Section 18.2.8, ERCOT shall provide appropriate notice to all Market Participants prior to implementation of any change. Load Profile ID

changes to each Electric Service Identifier (ESI ID) shall be made in accordance with Section 9.2, Processes to Change Load Profile ID Assignments.

12.5 Groups of Electric Service Identifiers Eligible to Become Load Profile Segments

(1) For a group of Electric Service Identifiers (ESI IDs) to be a distinct Load Profile Segment, the group shall satisfy the following requirements:

(a) The group is based on readily identifiable parameters, which are not subject to frequent change;

(b) The group is reasonably homogeneous as defined in Section 12.6.4, Homogeneity;

(c) The group is sufficiently different from other existing Load Profiles as defined in Section 12.6.2, Difference from Current Load Profiles; and

(d) The group is of sufficient size to justify its own profile segment as defined in Section 12.6.3, Size.

(2) In the case of a small market segment, installation of Interval Data Recorders (IDRs) on all ESI IDs in the segment may be more practical than profiling. A request for a new Load Profile Segment may be denied based on this consideration. ERCOT shall not be responsible for installing IDRs in such a case, nor for the costs of such installation. These responsibilities remain with the requestor.

(3) A Competitive Retailer (CR) always has the option to arrange for installation of IDRs for use in Settlement for all ESI IDs the CR serves in the proposed segment, per Protocol Section 18.6.1, Interval Data Recorder Meter Mandatory Installation Requirements.

(4) Further description of these requirements and the information that shall be submitted with the request are detailed in Section 12.6, Information Required with Request for Change. Evaluation of the request shall consider all nine guidelines in the Protocol Section 18.2.1, Guidelines for Development of Load Profiles.

12.5.1 Universal Load Profile Segment Applicability

(1) As a general rule, a Load Profile Segment definition shall be universally applicable. Universally applicable means:

(a) The Load Profile may be applicable to all CRs;

(b) Once defined, the Load Profile shall be applied to any ESI ID that meets the eligibility criteria;

(c) The Load Profile shall be public; and

(d) The decision to add the Load Profile shall not be based solely on the private interests of the requestor.

(2) There are limited exceptions as described in Section 16, Supplemental Load Profiling.

12.5.2 List-Based Load Profile Segments

(1) An additional exception to the requirement of universal applicability is a list-based Load Profile Segment. A list-based Load Profile Segment is defined solely by a list of ESI IDs submitted by the requestor, not by other objectively observable characteristics. The list-based segment may be specific to a single CR, and shall be applied only to the ESI IDs on the list.

(2) The Load Profile shall satisfy items (1)(c) and (1)(d) of Section 12.5.1, Universal Load Profile Segment Applicability. A list-based segment also shall satisfy items (1)(a) through (1)(d) of Section 12.5, Groups of Electric Service Identifiers Eligible to Become Load Profile Segments. ERCOT shall perform all validation, audit checks and normal managing of Load Profile Segments as currently defined.

(3) If additional data are needed in ERCOT systems to implement the list-based Load Profile in the market, the requestor shall provide strong justification. To the extent that greater costs are associated with implementation of a list-based segment compared to a universally applicable segment, the size of the proposed segment may be larger to justify the change.

12.6 Information Required with Request for Change

All requests shall include the following:

(a) Unambiguous group identification;

(b) Difference from current Load Profile Segments;

(c) Size;

(d) Homogeneity; and

(e) Quality assurance methodology for Electric Service Identifiers (ESI ID) identification

12.6.1 Unambiguous Group Identification

The definition of the group shall be provided in the request for the new Load Profile Segment. The request shall unambiguously define specific criteria for an ESI ID to be included in the new Load Profile Segment. In a request to change an existing Load Profile Segment, the group to be re-assigned shall be identified. The change in basic segment definition shall also be specified. For example, the requested change in definition may specify moving the Load factor boundary between two segments. In this case, the group affected by the change would be the group between the old and new boundaries.

12.6.1.1 Identification Based on Data Currently in ERCOT's Systems

(1) The most direct way a group may satisfy the requirement of being unambiguously identified occurs when the group may be identified based solely on information available in the ERCOT data systems or readily derived from such data.

(2) Examples of information available in or derived from the ERCOT data systems include, but are not limited to:

(a) Monthly or annual kWh consumption;

(b) Metered monthly or annual peak Demand for Demand-metered Customers;

(c) Monthly or annual Load factor;

(d) Ratio of seasonal consumption values; and

(e) Zone Improvement Plan (ZIP) code.

12.6.1.2 Identification Based on Other Means

Segments based on other criteria may be requested. ERCOT, in coordination with the Profiling Working Group (PWG), shall evaluate such requests in terms of the feasibility and reliability of the proposed identification method. If the method requires data not currently in ERCOT's systems, the request shall describe how these data shall be made available to ERCOT on an ongoing basis. If the identification method is judged to be impractical or unreliable, the request may be denied.

12.6.1.3 List-Based Load Profile Segments

(1) A list-based Load Profile Segment is defined by specifying a list of ESI IDs to be included in the Load Profile Segment. The submitter of a request for a list-based segment shall demonstrate that the list consists of a valid, objectively verifiable, and meaningful population.

(2) The submitter also shall adhere to the requirements of Section 12.6.5, Quality Assurance Methodology for Electric Service Identifier Identification.

(3) The submitter shall also demonstrate that multiple list-based segment definitions may be managed as a practical matter. Issues to be addressed in this regard include:

(a) Demonstrating that the population so defined is not subject to frequent change;

(b) Preventing an ESI ID from appearing on multiple lists;

(c) Limiting opportunities for unsubstantiated or inappropriate profile assignments; and

(d) Merging lists for list-based Load Profile Segments.

12.6.2 Difference from Current Load Profile Segments

(1) A requested new Load Profile Segment shall be shown in the supporting documentation to be different from existing Load Profiles in ways that improve the accuracy of Settlement.

(2) In a request to change existing Load Profile Segments, the documentation shall show that the group re-assigned from one segment to another is more similar to the proposed new assignment(s) than to the old one, in ways that improve the accuracy of Settlement.

(3) If documentation demonstrates that the ESI IDs in the requested Load Profile Segment are different from the Load Profile Segment that they are currently assigned and more similar to another existing Load Profile Segment, then the resolution of the request may be to reassign these ESI IDs to the most similar existing Load Profile Segment.

(4) Requests to create new Load Profile Segments or to change the definition of existing segments require supporting documentation to provide a basis for assessing differences between the affected group and existing Load Profile Segments. All differences between Load Profiles that are important for evaluating a change shall be supported in the request.

12.6.2.1 Supporting Data Required

It is in the requestor's best interest to submit data that are as comprehensive as possible. For Load data and for other supporting information, data from multiple years shall provide stronger support than from a single year. Types of data that may be submitted and the associated documentation are described in the following subsections.

12.6.2.1.1 Load Research Data

(1) As supporting documentation of difference from existing Load Profiles, the strongest evidence would be a statistically valid Load research sample from the proposed segment population, which may be compared with the assigned Load Profiles. Likewise, the strongest evidence that an affected group is more similar to a proposed re-assigned Load Profile Segment than to its current assignment would be a statistically valid Load research sample from the affected group.

(2) The Load data shall be submitted in electronic format. Data shall be provided for individual Premises with stratum indicators and associated weighting factors, as well as for the segment average. Also required is documentation of variables in the data set, time frame of the data collection, Sample Design and sample implementation procedures, data cleaning procedures, and weighting methods.

(3) Examples of less compelling, but supportive documentation would be other types of Load research data, such as:

(a) Data from ad-hoc or convenience samples; and

(b) Data from a similar population from another area.

(4) When less compelling data is submitted, the submitter should also submit evidence to support the applicability of the data to the proposed Load Profile Segment population. If the supporting evidence is only marginally convincing, the requestor is encouraged to submit a request for conditional approval as outlined in Section 12.4, Process Timing for Requesting Changes.

12.6.2.1.2 Other Kinds of Supporting Data

Less direct evidence of differences in Load patterns may also be submitted. Examples of possible data include:

(a) Documentation of operating schedules for the proposed group and comparison with typical schedules for Premises in the currently assigned Load Profile;

(b) End-use saturation data, comparing the proportions of Premises with particular types of electric end uses for the proposed group and currently assigned Load Profiles. Such data shall be relevant to the proposed population in ERCOT; and

(c) Monthly billing data comparing consumption patterns, particularly related to heating and cooling. Such comparisons shall be made separately by Weather Zone, or otherwise account for variations by Weather Zone.

12.6.2.2 Basis for Assessment of Differences Based on Load Research Data

(1) In assessing differences between the initial profile segment and the requested profile segment, based on Load research data, ERCOT shall consider measures of differences such as the following:

(a) Summary statistics on differences of series;

(b) Load-weighted average price;

(c) On/off peak ratio;

(d) Load factor; and

(e) Deadweight loss

(2) ERCOT shall calculate such measures from the Load research data submitted. The requester may submit analysis including such calculations, but is not required to do so.

(3) Formulas for these measures and illustrative examples of these calculations are provided in Appendix C, Measuring Differences Between Load Profiles. In the terminology used in Appendix C, the Load Profile representing the proposed segment is the "Target Profile." The existing profile for the segment to which the group is otherwise assigned is the "Base Profile."

12.6.2.3 Accounting for Weather Zone Effects in Load Profile Comparisons

(1) Comparisons between profiles for proposed segments and existing Load Profiles shall take into account Weather Zone effects on modeled Load Profiles. These effects may be accounted for in the comparisons in one of two ways:

(a) The comparison between the proposed segment and the existing Load Profile is made separately for each Weather Zone; and

(b) A single Load Profile representing the proposed segment as a whole is compared with a single composite Load Profile for the existing segment.

(2) These methods are not required for Load Profiles that are the same across all Weather Zones.

12.6.2.4 Separate Comparisons for Each Weather Zone

(1) If Load research data for individual sample Customers are provided for the proposed segment, a separate profile may be constructed for each Weather Zone. A separate profile for a Weather Zone is calculated by expanding the Load

research data using the same expansion weights as for the overall sample, but using sample points only from that Weather Zone. Separate comparisons by Weather Zone may also be possible if individual sample point data are not submitted, but different estimated profiles are submitted representing the proposed segment for different Weather Zones. The Weather Zone profile for the proposed segment is then compared with the existing Load Profiles for the proposed weather segments.

(2) The limitation of separate comparisons by Weather Zone is that some or all of the separate Weather Zone profiles may have large statistical errors due to low sample sizes. The magnitude of these errors should be considered in assessing the comparisons.

12.6.2.5 Comparison for the Proposed Segment as a Whole

(1) If a single Load Profile is estimated for the proposed segment as a whole across several Weather Zones, this Load Profile may be compared with a composite of existing Load Profiles. The composite shall be constructed such that the mix of Weather Zones in the composite is as similar as possible to that of the proposed segment population represented by the Load research data submitted.

(2) The appropriate composite existing Load Profile (f_{*t}) may be calculated from the separate Weather Zone profiles as:

$$f_{*t} = \frac{\sum_{z=1}^{n} [E_z f_{zt}]}{\sum_{z=1}^{n} [E_z]}$$

Where

f_{*t} = Interval fraction at interval t for the composite Load Profile,

E_z = Total annual energy of ESI IDs in the proposed segment in Weather Zone *z*,

f_{zt} = Interval fraction at interval t for the existing Load Profile using the weather data for Weather Zone, and

n = Total number of Weather Zones.

Calculation of interval fractions (f_t) are described in Appendix C, Measuring Differences Between Load Profiles.

(3) A request that includes Load research data as supporting evidence shall include estimates of the total energy amounts E_z in each Weather Zone, for use in

calculating the composite existing profile. If the Load Profile submitted to represent the proposed segment is not representative of the distribution of Customers across Weather Zones, the request shall provide estimates of the energy amounts or energy proportions contributing to the requested Load Profile. The comparison composite existing Load Profile shall then be calculated using the energy amounts that correspond to the Load Profile requested.

12.6.2.6 Summary Statistics on Differences of Series

(1) Several types of series characteristics – that is, characteristics described by a series of numbers rather than a single number – may be calculated for each Load Profile. Various summary statistics may then be used to describe how different two series are. These series and summary measures of differences are described in Appendix C, Measuring Differences Between Load Profiles.

The series mentioned above include:

(a) Unitized Load;

(b) Monthly fractions;

(c) Daily fractions; and

(d) Clock-hour fractions.

(2) Each of these series may be calculated for a Load Profile representing the proposed segment and for the existing Load Profile or Load Profile that would otherwise be assigned.

(3) The difference between the series for the proposed and existing Load Profiles is then measured in terms of one of the following summary statistics:

(a) Mean difference;

(b) Mean absolute percent error;

(c) Mean absolute deviation; and

(d) Root mean square error.

12.6.2.7 Load-Weighted Average Price

Load-weighted average annual price is calculated using a Load Profile representing the proposed segment, and using the Load Profile for the currently assigned or existing segment. The difference in Load-weighted annual price between these two Load Profiles is one measure of difference.

12.6.2.8 On-Peak/Off-Peak Ratio

The ratio of on-peak to off-peak consumption is calculated using the Load Profile representing the proposed segment and for the existing Load Profiles. The ratio for the existing Load Profile is subtracted from the ratio for the proposed segment profile. If this ratio is provided, then the requestor shall define the on- and off-peak periods.

12.6.2.9 Load Factor

The Load factor is calculated for the Load Profile for the proposed segment and for the existing Load Profile. The Load factor for the existing Load Profile is subtracted from that of the proposed segment profile. For a proposed segment with a peak occurring during system on-peak hours, Load factors may be compared only for existing Load Profiles with peaks during on-peak hours. For a proposed segment with a peak occurring during system off-peak hours, Load factors may be compared only for existing profiles with peaks during off-peak hours.

12.6.2.10 Deadweight Loss

The deadweight loss reduction due to changing some existing segments into a different set of segments may be calculated. Appendix C, Measuring Differences Between Load Profiles, provides the equations for calculating the deadweight loss reduction due to creating separate Load Profiles for each of several sub-segments rather than representing all of them by a common Load Profile. An equation is also provided for the deadweight loss reduction from segment changes that are not simple subdivisions.

12.6.3 Size

(1) Supporting documentation shall show that the proposed segment(s) is of sufficient size to justify a separate segment. Size shall be provided in terms of both number of Customers and total energy consumption.

(2) If the proposed segment is identified based on information available in the ERCOT data system and also available to the requesting party, documentation of the total ESI ID count and annual energy use is sufficient. ERCOT shall verify this information using the ERCOT data system.

(3) If the requesting party has information on only a portion of the population in the segment, the request shall include estimates of the ESI ID counts and energy use, and documentation of the basis for the estimates.

12.6.4 Homogeneity

For a new Load Profile Segment, the request shall provide evidence that the requested group is homogeneous with respect to Load shape characteristics. For a change to definitions of existing segments, the request shall provide evidence that the re-defined segments are homogeneous in these terms.

12.6.4.1 Load Research Demonstrating Homogeneity

(1) The strongest evidence of homogeneity may be provided by a statistically valid Load research sample from the population of the requested segment(s). Statistical validity shall be documented as described above in Section 12.6.2, Difference from Current Profiles.

(2) From the Load research data, the variance and relative standard deviation across the population of Load-shape parameters shall be assessed. A key parameter for which variance shall be calculated is the Load-weighted average price. For a stratified Load research sample, the energy-weighted variance is calculated as follows:

$$Var(U) = \frac{\sum_{k}\sum_{j=1}^{n_k}\left[w_{kj}E_{kj}\left((U_{kj}-U_{pop})^2\right)\right]}{\sum_{k}\sum_{j=1}^{n_k}\left[w_{kj}E_{kj}\right]}$$

Where

j = Sample Customer,

k = Stratum indicator,

n_k = Number of Customers in the sample in stratum k,

E_{kj} = Annual energy for sample Customer j in stratum k,

w_{kj} = Expansion weight for Customer j in stratum k,

U_{kj} = Load-weighted average price calculated using the Load shape of Customer j in stratum k, and

U_{pop} = Load-weighted average price calculated using the (estimated) population Load shape.

(3) If the energy amount E_{kj} is not included in the formula, the result is the ordinary variance. For Load-weighted average price, the energy-weighted variance is more relevant to assessing population variability.

The standard deviation is calculated from the (energy-weighted or ordinary) variance as:

$$SD(U) = \sqrt{Var(U)}$$

The relative standard deviation is then:

$$RSD(U) = SD(U)/U$$

(4) Other parameters for which population variances and relative standard deviations may be estimated analogously include Load factor, ratio of on- to off-peak usage, and fraction of consumption occurring during on-peak periods.

(5) As for demonstration of differences from existing Load Profiles, lesser evidence may be provided based on analysis of Load data from case studies, samples of convenience, or Transmission and/or Distribution Service Provider (TDSP) distribution feeders.

12.6.4.2 Other Supporting Evidence of Homogeneity

Less direct evidence of Load shape homogeneity may be submitted. Examples of such evidence include:

(a) Survey data or other evidence of appliance or equipment present in the Premises;

(b) Data on operating schedules; and

(c) Variances of parameters of monthly billing data, such as size, ratio of seasonal consumption values, or Load factors.

12.6.5 Quality Assurance Methodology for Electric Service Identifier Identification

(1) If the procedure for identifying ESI IDs applicable to the new Load Profile Segment relies on data that is not currently in ERCOT's systems, the requestor shall submit the description of a quality assurance procedure, to be managed by ERCOT, to assure that ESI IDs are assigned correctly to the Load Profile Segment and that they are removed from the Load Profile Segment when appropriate.

(2) The described quality assurance procedure shall be accurate, workable, and reasonable in terms of cost and timeliness. An ideal quality assurance procedure would be one that enables ERCOT to have direct access to a data source of well established reliability, and is maintained by a disinterested third party. If the validity of the data source has not been well established, a quality control sample, as described below, may be used for quality assurance purposes.

(3) At a minimum, the quality assurance procedure shall meet a classification accuracy of ± 5% at 95% confidence such as could be obtained with a random sample for quality control purposes. If random sampling is identified as the quality assurance methodology, the sampling shall be managed and administered by ERCOT.

(4) Adequacy of the quality assurance methodology shall be a primary consideration in deciding whether to approve or disapprove the Load Profile Segment change request.

12.7 Costs for Profile Segment Changes

(1) The party requesting the segment change shall bear all costs associated with developing the supporting data and documentation that is submitted to ERCOT for evaluation of the proposed Load Profile Segment changes. In addition, the requestor shall bear all costs, except for ERCOT's analytical costs, for additional Load research required in conjunction with a request for conditional approval of a Load Profile Segment change.

(2) In the event the change is approved, costs for implementing the changes in ERCOT data systems shall be the responsibility of ERCOT. Responsibility for re-assigning Load Profiles remains with the Transmission and/or Distribution Service Provider (TDSP).

(3) If a Load Profile Segment change request receives final approval under the provisions of the Load Profiling Guide (LPG), and results in the adoption of a new Load Profile Segment available to all Competitive Retailers (CRs), the provisions of Protocol Section 9.18, Profile Development Cost Recovery Fee for a Non-ERCOT Sponsored Load Profile Segment, shall be followed to provide for compensating the requestor by CRs seeking to assign Customers to the Load Profile Segment. Once a Load Profile Segment change request receives final approval, any subsequent costs required for ongoing support of the Load Profile Segment shall be considered part of the usual operation and maintenance expense for Load Profile Segments available for use by all CRs.

12.8 Evaluation of the Request

(1) ERCOT shall assess the request based on the data and analysis submitted with the request as well as possible additional analysis by ERCOT. In the evaluation assessment, ERCOT shall balance the objectives listed in Protocol Section 18.2.1, Guidelines for Development of Load Profiles.

(2) If the request is for conditional qualification, any supporting Load research data accompanying the request shall be evaluated as to the degree of support provided for the request. Lack of Load research data of sufficient quality or quantity to receive final approval of the Load Profile Segment request shall not be deemed as

grounds for denial of the conditional qualification. Based on their review of the submitted data and analysis along with any additional ERCOT analysis, ERCOT shall make a recommendation to the Profiling Working Group (PWG) and the requestor regarding additional Load research sampling needed to support the request. ERCOT shall also define specific and objective criteria to be met by the analysis of the Load research data collected with the additional sampling to meet the requirements for final approval.

(3) Factors considered in assessing requests shall include, if applicable:

(a) The quality of the supporting data provided;

(b) The magnitude of differences indicated;

(c) The size of the affected population;

(d) The homogeneity of the population;

(e) The reliability of the estimates of differences, size, and homogeneity;

(f) The impact on the Settlement cost allocations;

(g) The effect on the rest of the market if the change is accepted;

(h) The feasibility and reliability of the population identification method;

(i) The potential for Customer migration in and out of the proposed segment; and

(j) The feasibility and reliability of the quality assurance methodology for Electric Service Identifier (ESI ID) identification.

12.9 Resolution of the Request

12.9.1 ERCOT Staff Initial Recommendation

ERCOT shall provide a written report detailing their evaluation of the Load Profile Segment change request to the submitter on or before the date specified in Section 12.4, Process Timing for Requesting Changes. If ERCOT is unable to meet the specified deadline, they shall notify the submitter prior to the date and specify a revised date by which the report shall be available.

12.9.2 Submitter and ERCOT Revisions

(1) Upon receipt of the written report, the submitter shall have up to 30 days to make comments and recommendations to ERCOT. Upon receiving the submitter's comments, ERCOT shall then have up to 30 days to reconsider and, if

appropriate, revise their recommendation and provide a revised written report to the submitter.

(2) At any time during the process of resolving the request, the submitter may withdraw the request. If the submitter withdraws the request, they retain the right to amend and/or resubmit the request at a later date.

12.9.3 Presentation to Profiling Working Group

(1) When ERCOT has completed their recommendation following the steps outlined in the above two sections, they shall post the request and evaluation report to the ERCOT website. They shall also notify the Profiling Working Group (PWG) chair, who shall schedule time on the PWG agenda at the next available opportunity for the submitter and ERCOT to formally present the request and recommendations.

(2) ERCOT may also recommend other actions, such as a modified definition of the proposed segment or other affected Load Profile Segments. ERCOT's evaluation of a change request may be conducted in conjunction with analysis of other requests and/or other criteria specified in Section 12.4, Process Timing for Requesting Changes. Recommendations may be made jointly for more than one affected request and existing Load Profile Segments.

(3) ERCOT shall also recommend to the PWG whether the requested Load Profile Segment should be settled using a Load Profile from an adjusted static model or from a lagged dynamic sample Load Profile Segment. The recommendation shall be based on the supporting data submitted with the request and on ERCOT judgment regarding the appropriateness of either methodology.

(4) If a request has been granted conditional approval, following the completion of the Load research sampling and analysis, ERCOT shall also reconsider the recommendation regarding Settlement methodology for the new Load Profile Segment made at the time the conditional approval was granted. If, based on the reconsideration ERCOT concludes that an alternate profiling methodology should be applied, they shall make a recommendation to the PWG detailing the reasons for recommending the change.

12.9.4 Profiling Working Group Disposition of Request

(1) Following the presentation referenced in Section 12.9.3, Presentation to Profiling Working Group, the PWG shall prepare a recommendation on the action that should be taken with respect to the request. Possible recommended actions include:

(a) No change to existing Load Profile Segments;

(b) Conditional approval of a new Load Profile Segment for a requested group;

(c) Creation of a new Load Profile Segment for a requested group, with no changes to other existing Load Profile Segments;

(d) Creation of a new Load Profile Segment for a requested group, with adjustments made to one or more other affected Load Profile Segments;

(e) Redefinition of an existing Load Profile Segment to include the requested group, with no change to the existing Load Profile Segment or to any other Load Profile Segment; and

(f) Redefinition of an existing Load Profile Segment to include the requested group, with adjustments made to one or more affected Load Profile Segments.

(2) If the request is granted conditional approval and the requestor agrees, ERCOT shall implement the specified Load research sampling and analysis and report to the originator and the PWG on the findings with respect to the criteria specified. Provided the request for conditional approval has received the appropriate ERCOT committee approval and if, in the judgment of ERCOT, the criteria are met, the request shall be granted final approval; if the criteria are not met the request shall be denied.

(3) Creation of a new Load Profile Segment or redefinition of an existing Load Profile Segment to include a requested group may require modification of existing affected Load Profile Segments. Whether or not an adjustment to existing Load Profile Segment is recommended shall depend on the magnitude of the difference in the existing Load Profile Segment implied by removal or addition of the segment, as well as the cumulative effects of multiple such removals and additions.

(4) The PWG recommendation regarding the disposition of the request(s) shall be presented to the Commercial Operations Subcommittee (COPS) and then, if approved, be forwarded to the Technical Advisory Committee (TAC) for further disposition.

(5) If the PWG is considering a recommendation from ERCOT to change the Load Profiling Methodology to be applied to a conditionally approved new Load Profile Segment, the PWG shall make a recommendation to COPS regarding the methodology change. The methodology change, if approved by COPS, shall be forwarded to TAC for further disposition. The ultimate disposition of any such methodology change shall have no bearing on the granting of final approval for the Load Profile Segment change request.

ERCOT Load Profiling Guide
Section 14: Load Profile ID Dispute Procedure

October 1, 2010

14 LOAD PROFILE ID DISPUTE PROCEDURE

ERCOT and Market Participants shall adhere to this procedure for disputing Load Profile ID assignments.

14.1 Filing of a Load Profile ID Dispute

ERCOT and any Market Participant, other than a retail Customer, may file disputes related to Load Profile ID assignments. Retail Customers with disputes, related to Load Profile ID assignments, shall first request resolution from their Competitive Retailers (CRs). The CR shall address the Customer's issue, and if necessary, request changes or corrections from ERCOT related to the retail Customer's request. A retail Customer who is not satisfied with the CR's response may appeal to the Public Utility Commission of Texas (PUCT) or the appropriate regulatory authority. ERCOT does not resolve such disputes.

14.2 General Load Profile ID Dispute Resolution Guidelines

Transmission and/or Distribution Service Providers (TDSPs) and ERCOT share responsibility for the assignment of Load Profile IDs. Competitive Retailers (CRs) may request a Load Profile ID assignment change as a dispute of an existing Load Profile ID assignment. Requested changes to remove an Electric Service Identifier (ESI ID) from a default Load Profile ID should only be made after adequate monthly data becomes available.

14.2.1 Disputes Involving ERCOT

(1) Disputes involving ERCOT should be submitted using the MarkeTrak system for any of the following cases:

(a) Requests to remove an ESI ID from a default Load Profile ID - such requests should only be made after adequate monthly data becomes available;

(b) Disputes regarding ERCOT calculations made as a part of Annual Validation; and

(c) Disputes regarding ERCOT calculations relating to the weather sensitivity code.

(2) ERCOT is responsible for all disputes defined in this Section all Profile Decision Tree versions, and all Annual Validation years.

14.2.2 Disputes Involving Transmission and/or Distribution Service Providers

All disputes related to Load Profile ID assignments other than those described in the preceding section must be addressed with each TDSP in accordance with their individual processes.

14.2.3 Alternative Dispute Resolution

If attempts to clarify or resolve the issue using one of the processes listed above are unsuccessful, parties should refer to Protocol Section 20, Alternative Dispute Resolution Procedure.

14.3 Resolutions of Disputes

When the resolution of a dispute requires a change in a Load Profile ID assignment, the change shall be implemented by the Transmission and/or Distribution Service Provider (TDSP) issuing the appropriate Texas Standard Electronic Transaction (TX SET).

ERCOT Load Profiling Guide
Section 13: Changes to Weather Zone Definitions

October 1, 2010

13 CHANGES TO WEATHER ZONE DEFINITIONS

(1) Changes to Weather Zones and any combination thereof that may be requested include:

(a) Changes in Weather Zone boundary definitions;

(b) Changes in the boundaries of weather modeling regions;

(c) Changes in the weather stations used; and

(d) Changes in the weighting of weather stations used within a Weather Zone.

(2) Any change to Load Profile ID assignments resulting from an approved modification to the definitions of Weather Zones shall not be retroactively applied.

(3) A requested Weather Zone change shall be shown in the supporting documentation to be different from the existing Weather Zone definitions in ways that improve the accuracy of Settlement.

13.1 General Guidelines for Weather Zone Changes

13.1.1 Timeline for Processing a Request

Timing of requests, responses to requests, and change implementation shall be as defined for Segmentation in Section 12.4, Process Timing for Requesting Changes.

13.1.2 Uniformity

Weather Zone definitions shall be applied to all Electric Service Identifiers (ESI IDs) located within the geographic boundaries of the Weather Zone. Zone Improvement Plan (ZIP) codes are mapped to Weather Zones and are defined by the ZIP-to-Zone mapping in the Appendix D, Profile Decision Tree.

13.2 Changes to Weather Zone Boundaries

13.2.1 Types of Weather Zone Boundary Changes

(1) Changes to Weather Zone boundaries and any combination thereof, may occur due to the following conditions:

(a) Subdivision: An existing Weather Zone is divided into two or more zones;

(b) Boundary shifting: Existing Weather Zone boundaries are moved so that areas are shifted between Weather Zones; and

(c) Boundary collapsing: Existing Weather Zone boundaries are moved so that one Weather Zone is created from two or more existing Weather Zones.

(2) When creating a new Weather Zone, the other zones affected by the boundary change shall satisfy the Weather Zone criteria in Section 13.2.2, Eligible Areas for Weather Zones.

(3) Boundary shift considerations:

(a) A shift *within* a modeling region is a boundary shift where all zones affected by the shift have the same zone constants; and

(b) A shift *across* modeling regions is a boundary shift where zone constants are different between areas affected by the shift.

(4) A shift across modeling regions is more complex to implement. A subdivision of a Weather Zone is similar to a shift within a modeling region. Therefore, all Weather Zones affected by the Weather Zone subdivision have the same zone constants.

13.2.2 Eligible Areas for Weather Zones

Each Weather Zone that results from a requested Weather Zone boundary change shall be a geographically contiguous area defined by identifiable physical, Transmission and/or Distribution Service Provider (TDSP) territory, or ZIP code boundaries.

13.2.2.1 Size

The requested Weather Zone changes shall be shown in supporting documentation to be of sufficient size, both in number of Customers and in total energy consumption, to justify the changes. While no explicit size threshold is set, the size of each proposed new or changed Weather Zone shall be considered in evaluating a Weather Zone change request.

13.2.2.2 Weather Stations

(1) Only weather data from National Oceanic and Atmospheric Administration (NOAA) first or second order weather stations shall be used in model calculations. Each proposed new or changed weather station shall have at least two NOAA first or second order weather stations to represent it.

(2) The change request shall propose the weights to be used for the weather stations in each Weather Zone to be created or changed. No weather station is permitted to have more than 50% weight.

13.2.3 Supporting Data

A requested new Weather Zone created by subdividing an existing Weather Zone shall be different from the current Weather Zone assignment. For requests of any boundary shift, the shifted area shall be different from the currently assigned Weather Zone and more similar to the proposed Weather Zone. In each case, the difference (or similarity) shall be shown to result in important differences (or lack of important differences) in Load Profiles. Important differences are those that materially affect the accuracy of Settlement.

13.2.3.1 Calculated Load Profiles

(1) Load Profile calculations should be provided on current Weather Zone definitions and proposed Weather Zone definitions. The results of the change(s) should be significant enough to justify the proposed Weather Zone.

(a) For a subdivision or a shift within a weather-modeling region, Load Profiles shall be calculated using the existing zone constants;

(i) In the case of a subdivision, the Load Profiles for one or more of the new zones created by subdivision shall be different from the current set of profiles;

(ii) In the case of a boundary shift or collapsing, the Load Profiles for the shifted area shall be different from those from the current assignment and more similar to those of the proposed new assignment.

(b) For a shift across modeling regions, the following calculated Load Profiles shall be provided for each shifted area:

(i) Load Profiles calculated using the zone constants of the currently assigned zone:

(A) Using the weighted average for the current Weather Zone;

(B) Using the weighted average weather of the current zone after the shifted area is removed, with the proposed weights;

(C) Using the weather of the shifted area only.

(ii) Load Profiles calculated using the zone constants of the receiving zone, to which the shifted area is proposed to be moved:

(A) Using the weighted average for the receiving Weather Zone;

(B) Using the weighted average weather of the receiving zone after the shifted area is added, with the proposed weights;

(C) Using the weather of the shifted area only.

(2) The Load Profile using the weather for the shifted area and its current assigned zone constants shall be different from the other two Load Profiles calculated with the current zone constants for the area. The Load Profile developed by the weather of the shifted area and the zone constants of the receiving zone shall be similar to those of the other Load Profiles calculated with the zone constants of the current zone. Differences of an area from its current zone and similarity of an area to a proposed receiving zone shall be assessed using the measures described in Appendix C, Measuring Differences Between Load Profiles.

13.2.3.2 Additional Supporting Data for Shifts across Weather Modeling Regions

(1) For a shift across weather modeling regions, evidence shall be provided that demonstrates the weather response of the affected area is likely to be more similar to the proposed new region than to the currently assigned region. The types of evidence that may be offered for this purpose are the same as those types described in Section 12, Request for Profile Segment Changes, Additions, or Removals, and include:

(a) Load research data from the affected area, from the current Weather Zone excluding the affected area, and from the proposed receiving Weather Zone;

(b) Equipment operating data from each area;

(c) End-use equipment saturation data from each area; and

(d) Monthly consumption patterns from each area.

(2) Based on the supporting data, the request shall indicate whether the zone constant(s) should be re-estimated.

13.2.3.3 Basis for Assessing Differences

The difference in Load Profiles based on the proposed versus current Weather Zones shall be assessed similarly to an assessment of a new versus existing Load Profile Segment, by consideration of the same types of factors as described under Section 12.6.2, Difference from Current Load Profile Segments. Only those Load Profile Models dependent on weather variables shall be used in the assessment of a Weather Zone change.

13.3 Changes to Weather Modeling Regions

A weather modeling region boundary shall be changed if shifting an area across weather modeling regions changes a Weather Zone boundary. In some cases ERCOT and the Profiling Working Group (PWG) may recommend retaining current zone constants even though they shall be applied to a region different from the one for which the estimation was conducted.

13.3.1 Supporting Data Required

(1) Any requested change to weather modeling regions shall be treated as a special case of a request for a change in Load Profile Segment definitions. Supporting data required for such a request is described in Section 12.6, Information Required with Request for Change. Specific supporting information required for a request to shift a Weather Zone boundary across weather modeling regions is described in Section 13.2.3, Supporting Data. Corresponding information is required for other changes to weather modeling regions.

(2) The requested Weather Zone shall be different from the current Weather Zone in ways that improve Load Profiles. A change in Weather Zone requiring new coefficients for the new zone shall be considered as a special case of a request for a new Weather Zone segment. Procedures for submitting and assessing requests are the same as the rules for requesting a change in Segmentation, as described in Section 12, Requests for Load Profile Segment Changes, Additions, or Removals. The assessment shall include the effect on the rest of the Weather Zone(s) of changing this area's coefficients.

13.3.2 Basis for Assessing a Request

ERCOT shall assess the request based on the data and analysis submitted with the request as well as possible additional analysis by ERCOT. Factors considered in assessing any request may include:

(a) The quality of the supporting data provided;

(b) The magnitude of differences indicated;

(c) The size of the affected populations;

(d) The complexity of the change required;

(e) The effect on other Weather Zone(s) and other weather modeling regions if the change is accepted;

(f) The effect on ERCOT systems; and

(g) The enhancement of settlement accuracy.

13.4 Changing Weather Stations

13.4.1 Requests for Changes

(1) A request may be made to change the weights assigned to weather stations within a Weather Zone. Such a change would include adding a weather station that was not previously used, or deleting a station currently used. Changing weather stations may require re-estimation of zone constants for weather modeling regions and model-based Load Profile Types.

(2) A request for such a change shall be accompanied by evidence that the proposed new set of stations and weights are more representative of the population in each affected Weather Zone than the current ones. An example of such evidence would be analysis of the distribution of population and Weather Zone patterns similar to that conducted for the initial development of the weather modeling procedures. However, given the broad implications of changing the weather stations, the evidence shall also prove to be a substantial benefit to current specifications.

13.5 Weather Zone Definition or Modeling Region Changes without a Change Request

13.5.1 Periodic Assessment

ERCOT may assess Weather Zone and weather modeling region boundaries in its periodic process of evaluating Load Profile Models. In the event that ERCOT conducts such an assessment and determines that weather modeling boundaries shall be re-drawn, new zone constants may be estimated for all affected Weather Zones. ERCOT shall present its proposed changes to the Profiling Working Group (PWG) for evaluation and implementation according to the procedures contained herein.

13.5.2 Changes Required Based on Changing Data Availability

13.5.2.1 Changes in National Oceanic and Atmospheric Administration Weather Station

Weather station changes shall be necessary in the event that a station currently used is discontinued by National Oceanic and Atmospheric Administration (NOAA) or changed by downgrading from second order status. In the event that NOAA makes such changes, ERCOT shall assess and propose reasonable adjustments.

13.5.2.2 Changes in Zone Improvement Plan Codes

(1) ERCOT's Load Profiling Weather Zones are defined by the five digit ZIP codes. ZIP code changes within a current Weather Zone shall not require any special adjustments. The new ZIP code definitions shall be incorporated into profiling systems so that Electric Service Identifiers (ESI IDs) shall continue to be correctly assigned.

(2) ZIP code changes that affect a Weather Zone boundary shall be incorporated into Weather Zone definitions with minimal change in definitions and assignments. When a ZIP code overlaps two or more Weather Zones, the entire new ZIP code shall be assessed for the proper Weather Zone assignment. A ZIP code shall be completely contained within only one Weather Zone.

ERCOT Load Profiling Guide
Section 15: Load Research Samples

April 1, 2011

15 LOAD RESEARCH SAMPLES

(1) Load research samples are required by ERCOT as the basis for developing and evaluating Load Profiles for most Load Profile Types. Protocol Section 18.2.10, Responsibilities for Sampling in Support of Load Profiling, broadly defines the responsibilities of ERCOT and Transmission and/or Distribution Service Providers (TDSPs) regarding Load research samples. This part of the Load Profiling Guide (LPG) also provides guidelines on communication and expectations between ERCOT and TDSPs in fulfilling those responsibilities.

(2) TDSPs have provided their Load research data in the past and shall continue to provide available data in the future in the interest of keeping ERCOT's costs down. TDSPs may, at their own discretion, determine the overall level of Load research effort they will provide. TDSP's Load research is independent of ERCOT, except as specified in Protocol Section 18, Load Profiling. ERCOT shall make use of TDSP and Non-Opt-In Entity (NOIE) Load research data to the extent such data are available and useful. ERCOT shall attempt to minimize the burden to TDSPs of providing data to ERCOT.

(3) TDSPs and NOIEs provided all Load research data to ERCOT used in the initial development of Load Profiles. ERCOT may periodically request current Load research data from all TDSPs and NOIEs for Load Profile Model evaluations. Additional Load Research Sampling information can be found on the Load Profiling page on the ERCOT website.

15.1 Transmission and/or Distribution Service Provider Samples

15.1.1 Maintenance of Existing Samples

(1) Transmission and/or Distribution Service Providers (TDSPs) with current Load research samples are required by Protocol Section 18.2, Methodology, to maintain these samples to the accuracy designed. Maintaining accuracy means that as long as the sample is deployed, the TDSP is responsible for performing the following:

(a) Replacing sample points as needed to compensate for sample attrition;

(b) Replacing or repairing malfunctioning data collection equipment as needed;

(c) Maintaining and operating data collection and processing systems; and

(d) Providing annual reports to ERCOT as described in Section 15.1.2, Notification to ERCOT.

(2) Subject to the one year notification requirement in Section 15.1.2, a TDSP may discontinue any sample at its own discretion.

15.1.2 Notification to ERCOT

15.1.2.1 Types of Changes Given Advance Notice

(1) For any major change to the design of a sample, the TDSP shall provide ERCOT with at least one year advance notice. In particular, this amount of advance notice shall be given for taking an existing sample out of the field.

(2) TDSPs shall also provide one year advance notice, whenever practical, for any of the following changes:

(a) Putting a new sample into the field;

(b) Rotating a sample by systematically replacing a subset of the current sample with new sample points;

(c) Adding supplemental strata to account for new accounts added to the population of the class;

(d) Bulk replacement of equipment or data collection systems with new types of equipment or systems; and

(e) Other major changes to the Sample Design or implementation.

(3) Notification to ERCOT is not intended to be a barrier to developing and implementing changes within less than a year. If a TDSP determines a need to implement any of the above changes on a shorter timetable, the TDSP may do so at its own discretion, but shall notify ERCOT of its plans as soon as practical. The sole exception is that a TDSP shall not discontinue an existing Load research sample with less than one year notice to ERCOT.

(4) Changes involving routine sample maintenance, including replacement of dropped points or replacement or repair of problem equipment, do not require case-by-case notification to ERCOT.

15.1.2.2 General Reporting Procedures

(1) Each TDSP shall report to ERCOT by April 1st of each year the status of its Load research samples and future plans for these samples in addition to providing the Load research data. The annual report on sample status shall include the information on each existing Load research sample as well as on any plans for new Load research samples.

(2) TDSPs shall update ERCOT with a report by September 1st of each year regarding any major changes to samples planned for the next 12 months.

(3) ERCOT shall ordinarily request data for each Load research sample once a year, on the schedule indicated above. For new samples, requests may be made more frequently, enabling ERCOT to begin using the data before a full year of data is available. ERCOT may also request data more frequently in special cases (e.g., Public Utility Commission of Texas (PUCT) mandate). TDSPs shall provide requested data to ERCOT within 60 days.

(4) Load research data shall be provided by the TDSP both at the individual Premise level and aggregated to TDSP class estimates. The Load data and status codes delivered shall be in edited and validated form.

(5) Specific required and desired information for each report is described below. Where information is specified for each TDSP class Load research sample, the information shall be provided for each Load research sample that existed as of the last reporting period, as well as for all current Load research samples. If a new sample shall be placed for a class that does not currently have one, this information should be provided as part of item (1)(f) of the following Section 15.1.2.3, Required Information.

15.1.2.3 Required Information

(1) The following information is required as part of the annual reporting and data transmittal.

(a) Included as fields in the data files provided:

(i) Data quality flags;

(ii) Sample expansion weights; and

(iii) Stratum identifiers.

(b) A data dictionary providing the file layout(s) and codebook.

(c) For each class sample, a description of the Sample Design, stratification, procedure for calculating expansion weights, and data validation procedures.

(d) For each stratum in each sample:

(i) The original and current sample sizes; and

(ii) The original population number of Customers and annual energy in MWh.

(e) For each class sample, the most recent available estimates of annual peak Load and whatever accuracy measures have been calculated for that estimate.

(i) The date for which the analysis was conducted and the year when the analysis was completed shall also be reported; and

(ii) If the Sample Design was based on accuracy criteria, other than annual peak Demand, a description of these criteria with the corresponding most recent estimates and accuracy measures and dates of these analyses shall be provided.

(f) Plans for any major changes as described in Section 15.1.2, Notification to ERCOT, planned for the next 12 months.

(i) The type of change planned; and

(ii) The anticipated schedule.

(g) Description of major changes during the preceding 12 months. Major changes include the items under Section 15.1.2.1, Types of Changes Given Advance Notice. For each change the TDSP shall indicate:

(i) The type of changes made; and

(ii) The timing of the changes.

(2) Items (1)(a) through (1)(e) do not have to be re-submitted, if they have not changed since prior reports to ERCOT. The report shall note that these items were previously submitted and have not changed. Items (1)(f) and (1)(g) are required only with the regular (April and September) status reports, not as part of periodic reporting in response to special requests.

15.1.2.4 Additional Requested Information

(1) The following additional items are useful to ERCOT for analysis. TDSPs should provide as much of this or related information as practical given their current practices and operations.

(a) For each stratum in the sample:

(i) The number of points removed and added in the past year, excluding direct replacements; and

(ii) The fraction of intervals with missing or bad data.

(b) For each class sample:

(i) Distributions of energy; and

(ii) Definitions of rate classes (TDSP tariffs) that the samples are applicable to along with the rate classes that the samples are assigned to.

(c) Description of sample coverage:

(i) Give Customer counts and annual energy for the portion of the population that is not represented by any of the samples;

(ii) This information may be provided as a single total for each category or by identifying and quantifying specific subgroups that were not included in any of the sample frames; and

(iii) Provide this information separately by Residential and Business categories.

(2) ERCOT shall provide a standard reporting format for TDSP use for reporting on Load research.

15.1.3 Availability of Data

Load research data provided to ERCOT from the TDSP shall only be available to ERCOT for its use in Load Profiling.

15.1.4 Creation of New Transmission and/or Distribution Service Provider Samples

(1) A TDSP may, at its discretion, develop new Load research samples. These samples may be a replacement for existing samples or may represent a population not currently covered by an active Load research sample.

(2) A TDSP that develops a new Load research sample shall inform ERCOT of the plan to develop the sample. This information shall be provided as part of the reporting procedures described in Section 15.1.2, Notification to ERCOT. Information the TDSP shall provide about a planned new sample shall include:

(a) A description of the population to be represented by the sample;

(b) The relationship between this population and classes represented by current samples or previously existing samples for which data have been provided to ERCOT; and

(c) The approximate size of the population, in number of Customers and MWh.

(3) When plans for a new sample are sufficiently developed, the TDSP shall provide in its report to ERCOT a description of the Sample Design. This description shall include:

(a) The Sample Design accuracy target;

(b) The estimation method for which the sample accuracy is designed (typically, mean-per-unit or ratio estimation);

(c) The stratification scheme;

(d) The population size of each Sampling cell in number of Customers and annual MWh; and

(e) The sample size of each Sampling cell.

15.2 ERCOT Samples

According to Protocol Section 18.2.10, Responsibilities for Sampling in Support of Load Profiling, ERCOT is responsible for developing new Load research samples if it determines that existing Load research data are insufficient for profile development and maintenance. ERCOT or its designated agent shall develop Sample Designs, select samples, install metering equipment, collect, process, and validate data, and develop population estimates. ERCOT shall be responsible for the costs associated with the Sampling functions it directs. ERCOT shall adhere to good professional practice in all these functions. ERCOT shall utilize the Association of Edison Illuminating Companies (AEIC) *Load Research Manual* as a reference for standards of good practice.

15.2.1 Maintenance

As long as an ERCOT Load research sample is in the field, ERCOT shall maintain the sample to good standards. Sample maintenance shall include the following:

(a) Replace sample points as needed to compensate for sample attrition;

(b) Replace or repair malfunctioning data collection equipment as needed;

(c) Review incoming data on at least a monthly basis to identify problems of high rates of missing data, or anomalous values;

(d) Repair or correct apparent equipment or system malfunctions on a timely basis; and

(e) At least once a year, calculate class means for each class Load research sample, using the estimation procedure appropriate to the Sample Design, and calculate the accuracy of the estimated peak Load. If criteria other than accuracy of Load at peak were used in designing the sample,

calculate these accuracy measures. If the sample no longer meets the design accuracy criteria, initiate steps to bring the sample into conformance with the design criteria.

15.2.2 Availability of Data

(1) Load research data collected by ERCOT shall be available only to ERCOT or its designated agent. Load Profiles developed from these data shall be made available through ERCOT's standard profile reporting procedures. ERCOT shall provide descriptive information available on Load research samples, in support of Load Profiling, according to Protocol Section 18.3.1, Methodology Information. This data is strictly used for Load Profiling purposes.

(2) In addition to the published Load Profiles, other aggregate data from the Load research samples shall also be made available to Market Participants by ERCOT. Aggregate data that ERCOT shall provide for each Load research sample shall include:

(a) ERCOT's estimate of average kW per Electric Service Identifier (ESI ID) in each time interval based on the Load research sample;

(b) Standard errors or other statistical accuracy measures for the estimated average kW per ESI ID in each interval; and

(c) Sample Size.

(3) The standard errors and sample sizes for each Load research sample may be provided as ranges or averages rather than providing individual values for each time interval. ERCOT may provide additional aggregate information that it deems to be of value to the Market Participants.

15.2.3 Criteria of Standards

(1) Load research samples developed by ERCOT shall be designed to meet a standard of ± 10% accuracy at 90% confidence. A discussion of the meaning of accuracy measures and procedures is in the *AEIC Load Research Manual.*

(2) For Load research samples used for universally applicable Load Profiles, this accuracy standard shall be applied at the level of each Load Profile Segment definition. It is preferred that this accuracy standard should be achieved at the level of a distinct Load Profile Segment and weather modeling region. Universally applicable Load Profiles are defined in Section 12, Requests for Load Profile Segment Changes, Additions, or Removals. Weather modeling region is defined in Section 13, Changes to Weather Zone Definitions.

(3) Designing a sample to meet a particular accuracy standard requires information about the population, including the number and total Load by subgroup, and the variability in Load across the group. Such information is typically not available before the data have been collected. It is therefore standard practice to design samples initially using proxy measures.

(4) Prior to collecting data for the designated population, the Sample Design shall be developed using characteristics from the Load research data already compiled by ERCOT. After a year of data has been collected, ERCOT shall review the achieved accuracy of the samples. If the achieved accuracy is worse than the design target, ERCOT shall consider increasing sample sizes or modifying the design to achieve the target accuracy. For any such re-design efforts, the data from the current sample shall be used as the basis for estimating the population parameters needed to calculate sample requirements.

(5) In reviewing the achieved accuracy of the initial Load research samples, ERCOT shall consider these possible metrics as well as conformance to the design accuracy standard:

(a) Accuracy of the fraction of energy allocated into each of several Time Of Use (TOU) periods (several being about four time periods);

(b) Accuracy of the ratio of on-peak to off-peak consumption;

(c) Demand at the peak hour in each month;

(d) Total energy consumption in each month; and

(e) Accuracy of Load-weighted average price, using a standard price series.

(6) Based on this review, ERCOT may recommend new standards based on one or more of these metrics for future Load research samples.

15.2.4 Creation of New Samples

(1) ERCOT has the authority to determine the need for new Load research samples. These samples may be a replacement for existing samples, or may represent a population not currently covered by an active Load research sample.

(2) Samples developed by ERCOT may be regional spanning more than one TDSP. The sampled populations may also be restricted to only a geographic subset of a TDSP's service territory.

(3) Information that ERCOT shall provide to the Profiling Working Group (PWG) about a planned new sample shall include:

(a) A description of the population to be represented by the sample;

(b) The relationship between this population and classes represented by current samples or previously existing samples for which data have been provided to ERCOT; and

(c) The approximate size of the population, in number of Customers and MWh.

(4) When plans for a new sample are sufficiently developed, ERCOT shall provide to the PWG a description of the Sample Design. This description shall include:

(a) The Sample Design accuracy target;

(b) The estimation method for which the sample accuracy is designed (typically, mean-per-unit or ratio estimation);

(c) The stratification scheme;

(d) The population size of each Sampling cell in number of Customers and annual MWh; and

(e) The Sample Size of each Sampling cell.

15.2.5 Guidelines for Installing and Refreshing Load Research Samples

The decision to develop a new Load research sample shall be based on ERCOT's annual evaluation of models and methods. This evaluation process is described in Section 8, Load Profile Models, and Section 7, Request for Changes to Load Profiling Methodology. Circumstances that may trigger ERCOT's decision to field a new Load research sample might include the following:

(a) Indications that existing Load Profile Models do not perform well in areas that do not have recent Load research data. Such indications could include:

(i) Load Profiles whose monthly fractions are very different from those observed in monthly billing data for a particular area;

(ii) Systematically high Unaccounted for Energy (UFE) for a particular area; and

(iii) Other indicators that the equipment present or operating patterns are very different in a particular area from that for Load research data were available.

(b) Reported plans by a TDSP to discontinue collecting Load research data for particular samples.

(c) Determination that too much time has elapsed since the Load research data on which current models are based were collected.

(d) Determination that current Load research samples do not meet accuracy standards for a particular population segment.

ERCOT Load Profiling Guide
Section 16: Supplemental Load Profiling

October 1, 2010

16 SUPPLEMENTAL LOAD PROFILING

(1) Protocol Section 18.7, Supplemental Load Profiling, requires that supplemental Load Profiles be developed for programs or pricing schemes that encourage a Demand Response (DR) to price in the retail market. A DR program is designed to alter Load shape. For such programs, methods other than Adjusted Static Methodology are necessary. The supplemental Load Profiling Methodologies described in this Section of the Load Profiling Guide (LPG) are intended only for DR programs or pricing schemes. Use of these methodologies for other applications requires approval of the Technical Advisory Committee (TAC).

(2) The ERCOT Protocols allow Premises with Time Of Use (TOU) capable meters to be settled by a profiling method known as chunking, which is described below in Section 16.1.2, Chunking Profiling Methodology Description. Only those Premises with TOU metered energy can utilize this capability. The Protocols require that Direct Load Control (DLC) programs shall be profiled using Representative Interval Data Recorder (RIDR) profiles based on statistically representative Load research samples (Protocol Section 18.7.2, Other Load Profiling). Other supplemental profiles (Protocol Section 18.7.2) are limited to segments that are subject to pricing schemes designed to encourage DR. The appropriate methodology for other supplemental profiling shall be determined based on the characteristics of the DR program.

16.1 Load Profiling for Time Of Use Schedules

(1) All Competitive Retailers (CRs) have the right to offer Time Of Use (TOU) Schedules (TOUSs) in all Transmission and/or Distribution Service Provider (TDSP) service territories, subject to the following restrictions (reference Protocol Section 18.7.1, Load Profiling of Time of Use Metered Electric Service Identifier):

(a) Within each TDSP service territory, a CR may offer only TOUSs that are listed in Appendix D, Profile Decision Tree; and

(b) Implementation of any new TOUS is subject to the ERCOT and Texas Standard Electronic Transaction (TX SET) change control process.

(2) The right to use TOUSs, subject to restrictions in items (1)(a) and (1)(b) above, applies in both investor-owned TDSP service territories, in Non-Opt-In Entities (NOIEs) territories if they opt in, and in any new TDSP territories. For purposes of TOUS management, all TOUSs for NOIE or TDSP territories that opt into the market shall be considered new TOUS and therefore subject to the new TOUSs process in Section 16.1.1, Establishing New Time Of Use Schedules.

16.1.1 Establishing New Time Of Use Schedules

(1) Available TOUSs are listed in Appendix D, Profile Decision Tree. Any request for a new TOUS shall be submitted as a Load Profiling Guide Revision Request (LPGRR) in accordance with the process set forth in Section 2, Load Profiling Guide Revision Process.

(2) Currently, the ERCOT Settlement system can only accommodate TOUSs that have up to four TOU periods (e.g., off-peak, mid-peak, on-peak, super-peak). Requests for new TOUSs that have four or less buckets can be implemented in ERCOT systems within seven Business Days of approval. Requests for TOUSs with more than these four buckets will require significant system changes and will subject the LPGRR requesting the new TOUSs to the project prioritization process within ERCOT to determine their ERCOT implementation time.

(3) Since TOUSs also impact TDSP systems and these systems vary in their ability to support these TOUSs, ERCOT and the Profiling Working Group (PWG) will coordinate closely with TDSP(s) impacted by a new proposed TOUS. Each impacted TDSP will be requested to submit comments to the proposed LPGRR regarding the system impacts and time frame required to implement the requested TOUS. The PWG will incorporate this time frame in the expected implementation date for the LPGRR.

(4) ERCOT shall issue a market notice once the new TOUS has been incorporated into ERCOT systems, and also once the affected TDSPs have implemented the new TOUS and notified ERCOT by sending an email to ERCOTLoadProfilingDepartment@ercot.com that the TOUS is ready. At this point CRs may begin to request that the TOU meters be installed.

16.1.2 Chunking Load Profiling Methodology Description

The chunking method of Load Profiling for TOU Customers means that a standard Load Profile is applied to the Customer's consumption data for a meter reading period. However, the energy for each TOU period in the Load Profile is scaled so that it is equal to the metered energy (kWh) for the TOU period. For each TOU period within a meter read cycle, the metered consumption during the TOU period is allocated to time intervals within the TOU period in proportion to the Load Profile level at each interval in that period.

16.1.3 Evaluation of the Chunking Load Profiles

(1) Load Profiles that are adjusted by chunking shall be evaluated as part of the general evaluation procedures described in Section 6, Load Profiling Methodology, and Section 8, Load Profile Models. Evaluation of the effects of chunking shall be included in the assessment of Unaccounted for Energy (UFE) described in Section 8.3, Evaluating Load Profile Models without Current Load

Research Data. If Load research data is available for a sample of TOU Customers, this data could also be used in the evaluation using methods discussed in Section 8.3.

(2) Additional procedures that may be used to assess the adequacy of chunking include the following:

(a) Assess chunking as a general method based on Load Profiles from other areas;

(b) Assess chunking using Load research data collected in the ERCOT service territory; and

(c) Assess chunking using data on Customer characteristics in the ERCOT service territory.

16.1.3.1 Assessment of Chunking as a General Method Based on Load Profiles from Other Areas

(1) This assessment evaluates chunking as a general methodology, not necessarily specific to particular ERCOT Load Profiles. Such an assessment could be conducted using Load Profiles from another source service area. To be used in this analysis, the source service area shall have separate Load Profiles based on separate Load research samples for a TOU class and a corresponding Non-Time Of Use (NOTOU) class.

(2) The assessment compares the source service area's TOU Load Profile based on the TOU sample to a chunked profile created by applying the chunking method to the source service area's corresponding profile. To create the chunked profile, the TOUS applicable from this TOU class in the source service area are used, with the chunking procedures described in Section 16.1.2, Chunking Load Profiling Methodology Description.

(3) The two Load Profiles are compared using the comparison methods in Section 8, Load Profile Models. Referencing the terminology in Section 8, the first Load Profile, based on the actual Load research data from the TOU class, is treated as the proposed Load Profile. The second, chunked Load Profile is the existing Load Profile. That is, the second Load Profile is the Load Profile the existing ERCOT methodology would use for the TOU class, if these classes were in ERCOT.

(4) Such comparisons may be made for several different TOU classes, with corresponding NOTOU classes, in different regions, depending on available Load Profiles from other areas. Substantial differences between the two Load Profiles for many of the classes studied would indicate problems with the general approach. Substantial similarities between the two Load Profiles for most classes would indicate that the general method is reasonable.

16.1.3.2 Assessment of the Chunking Method Using ERCOT Load Research Data

(1) This assessment relies on a limited ERCOT Load research sample to evaluate the TOU Load Profiles developed by chunking. The goal is to compare two Load Profiles - the existing TOU Load Profile developed by the chunking method to:

(a) The corresponding non-chunked Load Profile; and

(b) The profile for the same population of TOU Electric Service Identifiers (ESI IDs) developed from a Load research sample of that population.

(2) For purposes of this assessment, ERCOT may implement a limited Load research sample from each ERCOT TOUS and segment to be studied. The Sampling criteria for each Profile Type and schedule do not have to adhere to the Sampling guidelines established in Section 15.2.3, Criteria of Standards, since these samples are not being used for Settlement purposes.

(3) For each segment and TOUS sampled, ERCOT shall determine the average Load for each hour of the study period from the Load research sample data. This Load-research-based Profile shall then be compared to the existing chunked Load Profile, using the comparison methods in Section 8, Load Profile Models. Referencing the terminology in Section 8, the chunked Load Profile is the existing Load Profile, and the Load Profile developed from the Load research sample is the proposed Load Profile.

(4) Substantial differences between the two Load Profiles for many of the classes studied would indicate problems with the general approach. Substantial similarities between the two Load Profiles for most classes would indicate that the general method is reasonable. The results might also indicate that the method is adequate for some classes but not for others.

16.1.3.3 Assessment of Chunking Method Based on Characteristics of the Time Of Use and Non Time Of Use Populations

(1) This assessment is less direct than the previous two assessment methods. The goal is to determine whether behavioral or operational differences between the TOU and NOTOU Customers are large enough to create substantial differences between the true Load shape for the TOU group and the chunked Load Profile.

(2) For this assessment, ERCOT may examine data on appliance/equipment use patterns for ERCOT TOU and NOTOU Customers. Such data may be obtained from appliance saturation studies conducted by TDSPs, if available, or from a new survey conducted by ERCOT. If little difference is found between TOU and NOTOU Customers in the types of equipment in place and timing of its use, the chunking method may be considered adequate.

(3) If substantial differences are found, ERCOT may develop rough adjustments to the NOTOU Load Profile that reflect these differences. Such adjustments would require estimated end-use Load shapes, which may be provided by TDSPs if available, or obtained from commercial databases.

(4) The adjusted Load Profile would then be chunked to provide a new estimate of the TOU Load Profile. This new TOU Load Profile would then be compared with the original TOU Load Profile, using the comparison methods of Section 8, Load Profile Models.

(5) Referencing the terminology in Section 8, the original chunked Load Profile is the existing Load Profile, and the new Load Profile developed from chunking the adjusted NOTOU Load Profile is the proposed Load Profile. However, this new Load Profile based on rough adjustments would not in fact replace the existing TOU Load Profile if substantial differences are found. Rather, these differences would be taken as an indication that the chunking method is inadequate for this segment.

(6) Likewise, if substantial differences are found by this method for several segments, the chunking methodology as a whole may be questioned. Conversely, if several segments are examined and no substantial differences are found, the general chunking methodology is supported.

16.1.4 Revisions to Time Of Use Load Profile Methods if Changes Are Needed

If the current chunking is determined to be an inadequate methodology for Load Profiling TOU Customers, the change to any other Load Profiling Methodology for these Customers would require the Technical Advisory Committee (TAC) approval in accordance with the Protocol Section 18.2, Methodology. The primary alternative that would be considered is lagged dynamic Load Profiling. Other alternatives may be proposed.

16.2 Other Supplemental Load Profiles

(1) Other supplemental Load Profiles may be developed for other types of programs or pricing schemes that encourage a Demand Response (DR) to price in the retail market. The only supplemental Load Profiles permitted by ERCOT system functionality are Time Of Use (TOU).

(2) Methodologies for any other supplemental Load Profile will be evaluated on a program by program basis. Procedures and requirements for developing these Load Profiles shall be the same as those described in Section 16.2, Direct Load Control, except where specified in Section 16.4, Requesting Direct Load Control or Other Supplemental Load Profile.

ERCOT Load Profiling Guide
Section 17: Load Profile Metering

December 1, 2010

17 LOAD PROFILE METERING

17.1 Introduction

(1) This Section defines the requirements for metering with regard to Load Profiling and Interval Data Recorder (IDR) activities. Meter reading data in this context encompasses monthly consumption, Demand and interval meter data. The Transmission and/or Distribution Service Providers (TDSPs) are the only Entities authorized to provide Settlement meter data to ERCOT in accordance with Protocol Section 10, Metering.

(2) Each Electric Service Identifier (ESI ID) in ERCOT shall be assigned to a Load Profile ID. Meter reading data is necessary to perform this assignment because the information used for assignment of the Load Profile ID is energy and/or Demand data. Only meter reading data provided to ERCOT shall be used to assign the Load Profile ID. The other primary uses of meter reading data are:

(a) To allocate daily Load for Settlement and aggregation process;

(b) To allow validation for Load Profile ID assignments;

(c) To ensure Load Profile Models are appropriately specified; and

(d) To allow for Load Profile Model development.

(3) If an Advanced Meter is installed on a Customer's Premise and has the capability to function as an IDR or lower level metering, data shall be supplied to ERCOT in accordance with its intended purpose to meet the needs of ERCOT billing and Settlement activities.

(4) This Section addresses the following topics:

(a) IDR requirement;

(b) Demand meter changes;

(c) Load research samples; and

(d) Supplemental Load Profiling.

(5) Details for metering activities may be found in Protocol Section 10, Metering.

17.2 Interval Data Recorder Requirement

(1) Interval Data Recorders (IDRs) shall be installed or removed in accordance with Protocol Section 18.6, Installation and Use of Interval Data Recorder Meters and

Retail Market Guide Section 7.13, Interval Data Recorder (IDR) Optional Removal/Installation Process.

(2) Costs associated with mandatory installation of IDRs by Transmission and/or Distribution Service Providers (TDSPs) shall be the responsibility of the TDSP and be in accordance with approved TDSP tariffs.

17.3 Demand Meter Changes

(1) Section 9.2.1, Load Profile ID Changes Initiated by Transmission and/or Distribution Service Providers, presents the procedure for changing Load Profile ID assignment. The following provides brief discussion regarding the circumstances, which may involve a meter change.

(2) When a Transmission and/or Distribution Service Providers (TDSP) determines that a Demand meter should be changed based on the TDSP metering tariff rules, the TDSP shall notify the Competitive Retailer (CR) prior to making the meter change. If the CR requires Demand data to support Customer billing for the Electric Service Identifier (ESI ID) in question, then the CR shall notify the TDSP of its requirement for Demand data. Upon CR notification, the TDSP shall not change the Demand meter.

(3) If the Demand meter is no longer needed by TDSP tariff or CR billing requirements, the TDSP shall reassign the ESI ID to the appropriate Load Profile ID in accordance with Section 9.2, Processes to Change Load Profile ID Assignments. It is at the discretion of the TDSP whether to physically remove the Demand register/meter or perform a virtual meter change in their system. A virtual meter change means that no Demands shall be reported to ERCOT.

(4) Conversely, the ESI ID's Load growth may warrant the measurement of Demand. TDSPs shall enforce appropriate thresholds and TDSP tariffs requiring the installation of a Demand meter.

(5) Once it has been determined that a Demand meter change is warranted, the TDSP shall make appropriate changes in accordance with Protocol Section 18.4, Assignment of Load Profile ID. The TDSP shall notify the CR of the completed changes as well.

(6) CRs may request the installation of a Demand meter for their Customers, regardless of TDSP thresholds, when required for application of the CR billing. The CR is responsible for any costs associated with the Demand meter installation and monthly meter reading in accordance with the approved TDSP tariffs.

17.4 Load Research Samples

(1) Any Interval Data Recorders (IDRs) installed as part of the Load research program, i.e., in support of ERCOT Load Profiling or Transmission and/or Distribution Service Provider (TDSP) cost allocation/rate design, are not subject to the IDR requirements stated in Protocol Section 18.6.1, Interval Data Recorder Meter Mandatory Installation Requirements. These IDRs used for Load research may be moved as needed.

(2) ERCOT has the responsibility to monitor and evaluate current Load research samples in the field. For ERCOT sponsored sample sites, ERCOT may request additions, deletions, or a wholesale removal and installation of the IDRs. The process shall follow the Section 15, Load Research Samples.

17.5 Metering for Supplemental Load Profiling

(1) If a Competitive Retailer (CR) wants supplemental Load Profiling (i.e., Direct Load Control (DLC), Time Of Use (TOU), etc.), the CR shall follow procedures in Section 16, Supplemental Load Profiling. Metering for supplemental Load Profiling shall be in accordance with Protocol Section 10, Metering, and Protocol Section 18, Load Profiling.

(2) All Interval Data Recorder (IDR) installations for supplemental Load Profiling shall be consistent with IDR metering requirements in Protocol Section 10.9.2, TSP or DSP Metered Entities. Additionally, any TOU metering for supplemental Load Profiling shall be able to collect and record meter data into specified TOU periods approved by the Public Utility Commission of Texas (PUCT).

ERCOT Load Profiling Guide
Section 18: Access to Load Profiling Materials

October 1, 2010

18 ACCESS TO LOAD PROFILING MATERIALS

(1) The following Load Profiling related documents and materials may be found on the ERCOT website:

(a) Backcasted (Actual) Load Profiles – Extract files Load Profiles for individual trade days. The trade day occurring one day prior to the current date will be the most current backcast available;

(b) Forecasted Load Profiles – Files include current day and three days forward of forecasted Load Profiles;

(c) Profile File Format – Spreadsheets that illustrate the layout of the Load Profile extract files;

(d) Final Profile Model Report – Report that describes ERCOT Load Profile Models used at Market Open;

(e) Historical Backcasted Load Profiles – Multiple years of Load Profile history for each Load Profile Type and Weather Zone combination;

(f) Historical Weather Data by Weather Zone – Five years of historical hourly weather data by Weather Zone, covering 1996-2000;

(g) Load Profile Data Evaluation Report – Documents that provide an evaluation of the utility data used to generate the ERCOT Load Profile Models.

(2) Profiling Working Group (PWG) information and meetings may be found on the ERCOT website.

ERCOT Load Profiling Guide
Section 19: Definitions and Acronyms

October 1, 2010

19 DEFINITIONS AND ACRONYMS

19.1 Definitions

The defined terms in this Section are limited to those used specifically in the Load Profiling Guide (LPG). Any additional defined terms used in the LPG can be found in Protocol Section 2, Definitions and Acronyms.

LINKS TO DEFINITIONS:

A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z;

List of Acronyms

A [BACK TO TOP]

Adjusted Static Models

Load Profiles that are generated from statistical models that are based on static historical Load data, and adjusted for conditions of the day (e.g., weather, Season, etc.)

Annual Validation

The formal process performed every year whereby ERCOT re-determines the first component of each Load Profile ID—the Load Profile Type—for Residential and Business Load Factor Electric Service Identifiers (ESI IDs). ERCOT then works with the Transmission and/or Distribution Service Providers (TDSPs) to have them update ERCOT's databases with the resulting Load Profile ID changes via Texas Standard Electronic Transactions (TX SETs).

B [BACK TO TOP]

Business (BUS)

Load Profile Group designation for non-residential Electric Service Identifiers (ESI IDs) whose service is metered. This encompasses rate classes for business ESI IDs, in addition to other classes.

C [BACK TO TOP]

Cutover and Conversion

Initial data transfer of Transmission and/or Distribution Service Providers' (TDSPs') Electric Service Identifier (ESI ID) data into the ERCOT systems.

D [BACK TO TOP]

E [BACK TO TOP]

Electric Service Identifier (ESI ID)

See Protocol Section 2.1, Definitions.

Active ESI ID

ESI ID is presently receiving service (energized) and a Retail Electric Provider (REP) is currently assigned to it in ERCOT's system.

De-Energized ESI ID

ESI ID does not have a REP assigned in ERCOT's system, but has not been retired. An 814_16, Move-In Request, is necessary to change to active status.

Inactive ESI ID

ESI ID is retired and will never again receive service.

Engineering Estimated

Estimated Loads based on engineering studies applied to unmetered Loads to allocate energy across specified periods of time.

F [BACK TO TOP]

G [BACK TO TOP]

H [BACK TO TOP]

I [BACK TO TOP]

Interval Data Recorder (IDR) Requirement

The kW level at which the installation of interval data recorders are required for settlement purposes as set forth in Protocol Section 18.6.1, Interval Data Recorder Meter Mandatory Installation Requirements.

J [BACK TO TOP]

K [BACK TO TOP]

L [BACK TO TOP]

Lagged Dynamic Profiling Methodology

The use of an active set of Load research sample sites to build an aggregated Load Profile for the sample group from actual metered usage processed after the target day.

Load Profile Class

A classification of a group of Customers having similar energy usage patterns and that are assigned the same Load Profile. Load Profile Class is comprised of a Load Profile Group and a Load Profile Segment. An example of a Load Profile Class: Residential Low Winter Ratio (RESLOWR). Load Profile Type and Load Profile Class are used interchangeably.

Load Profile Group

A high-level classification of a set of Customers who have similar characteristics. The Load Profile Groups are: Non-Metered, Residential, and Business. Together, the Load Profile Group and the Load Profile Segment form the Load Profile Type.

Load Profile ID

The Load Profile designation string that contains, the Load Profile Type Code, the Weather Zone Code, the Meter Data Type Code, the Weather Sensitivity Code, and the Time Of Use Schedule (TOUS) Code. All Load Profile IDs are listed in Appendix D, Profile Decision Tree.

Load Profile Models

Processes that use analytical modeling techniques to create Load Profiles.

Load Profile Segment

A sub-classification of a Load Profile Group. High Winter Ratio (HIWR) is an example. Together, the Load Profile Group and the Load Profile Segment form the Load Profile Type.

M [BACK TO TOP]

Market Open

January 1, 2002

Mean

A sample statistic or population parameter equal to the sum of all observations divided by the number of observations

Meter Data Type

The component of the Load Profile ID that identifies the type of meter data—either interval or non-interval—that is to be submitted to ERCOT by the Transmission and/or Distribution Service Provider (TDSP) and used for settlement.

N [BACK TO TOP]

O [BACK TO TOP]

Opt-In Entity

A Municipally Owned Utility (MOU) or Electric Cooperative (EC) opting-in to Customer Choice.

P [BACK TO TOP]

Power Factor

The ratio of real power (kW) to the apparent power (kVA) for any given Load and time.

Profile Decision Tree

The document that contains the directions for determining the Load Profile ID to be assigned to an Electric Service Identifier (ESI ID).

Profile Type (*see* Load Profile Class)

Q [BACK TO TOP]

R [BACK TO TOP]

Representative Interval Data Recorder (RIDR)

The technique for profiling Premises participating in special pricing programs which consists of implementing a statistically representative Load research sample on the program population. The sample data is then used to develop the RIDR for profiling these Premises.

Residential (RES)

Load Profile Group designation for Electric Service Identifiers (ESI IDs) served within a residential rate class.

S [BACK TO TOP]

Sample Design

The processes by which ERCOT determines the appropriate requirements for a sample of Customer Premises which requirements shall be used to create a Load Profile.

Segmentation

The process of dividing a population into a number of sub-sets, according to certain parameters, for the purpose of creating Load Profiles for sub-sets of the population.

T [BACK TO TOP]

Target Profile

The Target Profile is the best available estimated Load shape for a particular proposed subgroup.

U [BACK TO TOP]

Usage Month

Each Usage Month corresponds with a calendar month and is a combination of one or more usage periods for the purpose of applying usage and Demand values in a consistent manner.

Usage Profile (*see* Load Profile)

V [BACK TO TOP]

W [BACK TO TOP]

Winter Ratio

The proportion of usage in winter months to usage in the fall base and spring base months and is used to differentiate residential Electric Service Identifiers (ESI IDs).

X [BACK TO TOP]

Y [BACK TO TOP]

Z [BACK TO TOP]

19.2 ACRONYMS

The defined terms in this Section are limited to those used specifically in the Load Profiling Guide (LPG). Any additional defined terms used in the LPG can be found in Protocol Section 2, Definitions and Acronyms.

BUL	Balancing Up Load
COPS	Commercial Operations Subcommittee
DR	Demand Response
HIWR	High Winter Ratio
LPG	Load Profiling Guide
LPGRR	Load Profiling Guide Revision Request
MAD	Mean Absolute Deviation
MAPE	Mean Absolute Percent Error
NIDR	Non-Interval Data Recorder
NOAA	National Oceanic and Atmospheric Administration
NODEM	Non-Demand
NOTOU	Non-Time Of Use
NWS	Non-Weather Sensitive
PWG	Profiling Working Group
LOWR	Low Winter Ratio
RIDR	Representative Interval Data Recorder
RMSE	Root Mean Square Error

ERCOT Load Profiling Guide
Appendix A

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Appendix A

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ERCOT Load Profiling Guide
Appendix B

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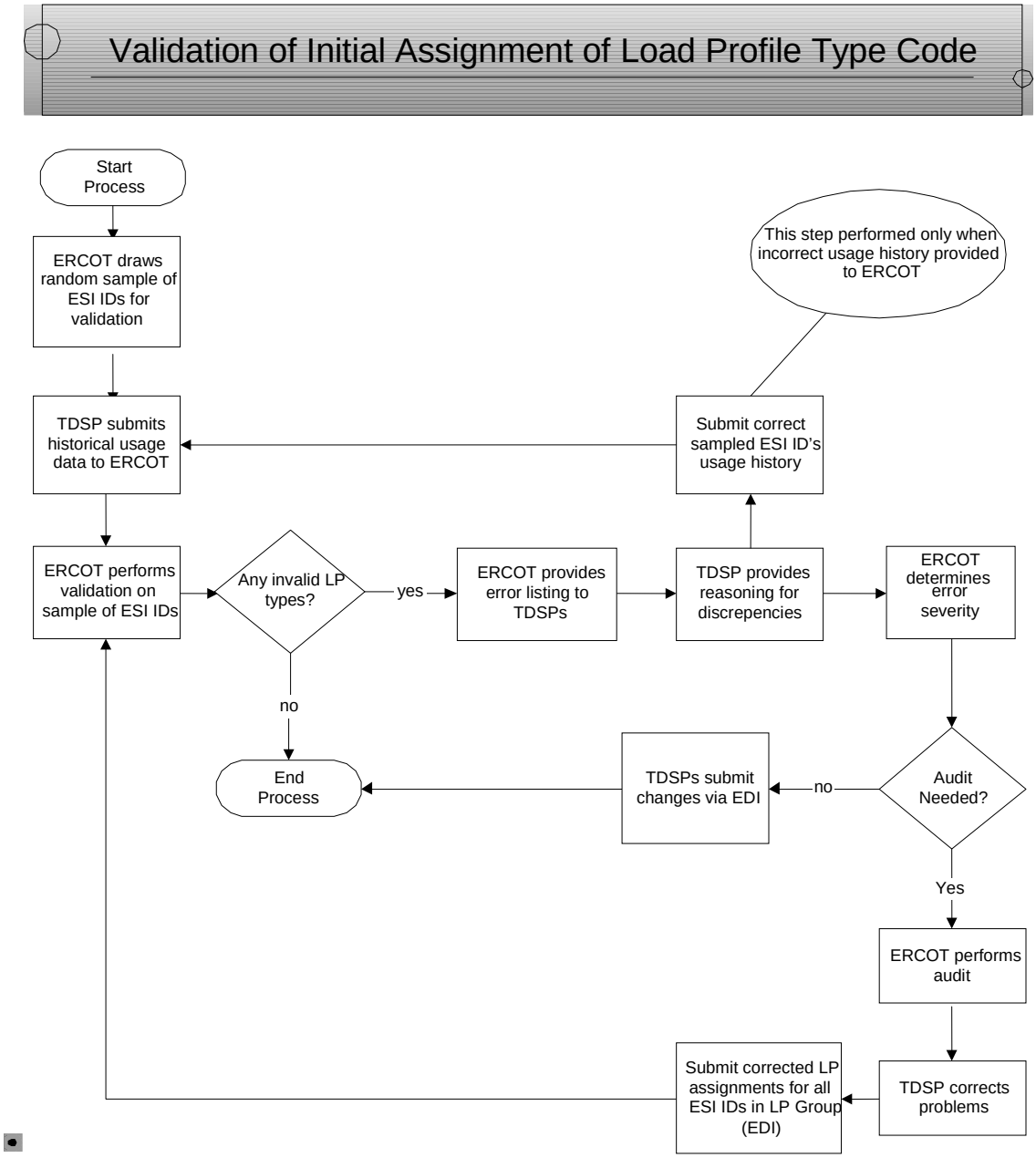
Appendix B


Validation of Initial Assignment of Load Profile Type Code
Start Process
ERCOT draws random sample of ESI IDs for validation
TDSP submits historical usage data to ERCOT
ERCOT performs validation on sample of ESI IDs
Any invalid LP types?
yes
ERCOT provides error listing to TDSPs
TDSP provides reasoning for discrepencies
ERCOT determines error severity
Audit Needed?
no
TDSPs submit changes via EDI
End Process
Yes
ERCOT performs audit
TDSP corrects problems
Submit corrected LP assignments for all ESI IDs in LP Group (EDI)
Submit correct sampled ESI ID's usage history
This step performed only when incorrect usage history provided to ERCOT

ERCOT Load Profiling Guide
Appendix C

October 1, 2010

Appendix C

Measuring Differences Between Load Profiles

(1) This Appendix describes and illustrates measures that may be used for assessing the differences between Load Profiles.

(2) Differences between Load Profiles are a consideration in many decisions regarding Load Profiling Methods and models, such as:

(a) Evaluating Load Profile Model performance or methodologies (Section 8, Load Profile Models, and Section 7, Requests for Changes to Load Profiling Methodology);

(b) Evaluating requests for changes to Load Profile Segments or Weather Zones (Section 12, Request for Load Profile Segment Changes, Additions, or Removals, and Section 13, Changes to Weather Zone Definitions); and

(c) Designing Load research samples (Section 15, Load Research Samples).

Target and Default Load Profiles

(1) In most cases when Load Profile differences are measured, the question of concern is whether an existing or proposed method or model is adequate in a particular context, or an alternative is needed. The alternative might be a finer Segmentation or Weather Zone, use of more recent or more local data in estimating models, or an alternative Load Profiling Methodology. In all these cases, the analysis compares a "target" Load Profile against a "default" Load Profile.

(2) The default Load Profile is the one generated by the existing method or model, or the one that is used if the alternative is not accepted. The Target Profile is the best available estimated Load shape for a particular proposed subgroup. The default Load Profile is good enough to represent the target if the two are not significantly different. Some examples of default and Target Profiles in addressing particular questions are given in the following Table C-1, Examples of Target and Default Profiles.

Table C-1
Examples of Target and Default Profiles

Question	Target Profiles	Default Profile
Should an existing profile segment be subdivided into two smaller segments?	Load shape for each of the proposed subsegments	Load Profile for the existing segment
Should an existing Weather Zone be subdivided?	Calculated load profiles using weather data from each of the proposed subdivisions	Calculated Load Profile using weighted average data from the entire current Weather Zone.
Do models need to be re-estimated using more current load research data?	Class load shapes estimated directly from current load research data	Load Profiles calculated using the existing model and current weather.

Load Shape Parameters

Load shapes may be compared in terms of several different parameters that characterize the Load shape. Some of these parameters are a series of numbers that jointly characterize the shape. Others are single parameters that represent a key characteristic.

General Notation

The following general notation is used in this Appendix, and elsewhere in the Load Profiling Guide (LPG). General quantities are defined. Suffixes and subscripts are used to signify specific quantities. Explicit definitions are given in the formulas that follow.

General Quantities

e = Elasticity of electricity Demand with respect to the commodity price
E = Energy
f = Fraction
DWL = Deadweight loss
L = Load
LF = Load factor
N = Number of intervals in a period for which the quantity is calculated
r = Ratio
u_t = Market commodity price at interval t
T = Total across some calendar dimension (clock-hour, day-type, month, Season, year, on- or off-peak period)
U = Load-weighted average price

Suffixes

D = Daily
H = Clock-hourly
M = Monthly
S = Seasonal
Y = Yearly

Subscripts

d = Day
m = Month
h = Clock-hour
p = Day-type
ON = On-peak
OFF = Off-peak
s = Segment
t = Interval
z = Weather Zone

Series Parameters

(1) Series parameters include:

(a) Unitized Load shape, or interval fractions;

(b) Monthly fractions;

(c) Daily fractions; and

(d) Clock-hour fractions by day-type.

Unitized Load Shapes

(1) A Load Profile defines the fraction of total energy use over a period that occurs in each time interval within the period. For most comparisons of Load shapes for purposes of Load Profiling, the Load shapes shall first be unitized. That is, the interval total or average Loads for the group are translated into interval fractions.

(2) For most comparisons, the time period of interest is a year and the fractions are calculated as fractions of total annual energy consumption. In some cases, shorter time periods such as a Season or month may be used.

(3) The unitized Load f_t for time interval t is calculated from the interval Loads L_t as

f_t = (Load at interval t)/(sum of Loads over all intervals in the period).

$= L_t / T$

where

$$T = \Sigma_t L_t$$

and the summation is over all intervals in the period.

(4) Each of the other Load shape characteristics described below may be calculated using Loads L_t as indicated in the formulas, or using the unitized Loads f_t in place of L_t. The same result shall be obtained either way.

Profile Totals

If interval data are finer than hourly, the hourly Loads may be averaged for each hour of the period to get the hourly Demand, equal to the total energy in each hour. For quarter-hour data, each hour's four quarters are averaged to give the hourly value.

Hourly totals

TH are the sum over days in the period for each of the 24 hours in a day. Hourly totals may be calculated across a year, a month, or a day-type.

Daily totals

TD are the sum over hours in each day of the hourly values.

Day-type totals

TP are the sum over all hours in the day-type of the hourly values.

Monthly totals

TM are the sum over days in the month of the daily totals.

Seasonal totals

TS are the sum over all the months in a Season of the monthly totals.

Yearly totals

TY are the sum over all the months in the year of the monthly totals.

On-peak totals

T_{ON} are the sum over all on-peak hours in the period of the hourly values.

Off-peak totals

T_{OFF} are the sum over all off-peak hours in the period of the hourly values.

Profile Fractions

A year, Season, or month of Load data may be condensed into the fraction of total consumption occurring in each month, day, clock-hour, or day-type.

Monthly Fractions

For each month m = 1 to 12, the monthly fraction fM_m is calculated as

fM_m = (sum of interval Loads in month m)/ (sum of all interval Loads in the year)
= $(\sum_{t \in Mm} L_t)/ (\sum_t L_t)$.
= TM_m/ TY.

where

t = interval of time
M_m = indicates month m
L_t = Load at interval t
TM_m and TY, respectively, are Load totals over month m and over the year.

Daily Fractions

(1) Daily fractions may be calculated similarly to monthly fractions. Daily fractions may be calculated as fractions of the year or separately for each month. The daily fraction for day d is calculated as

fD_d = (sum of interval Loads in day d)/ (sum of all interval Loads in the period)
= $(\sum_{t \in Dd} L_t)/ (\sum_t L_t)$.
= TD_d/T

where

t = interval of time
D_d = day d
L_t = Load at interval t
TD_d and T, respectively are Load total sums over day d and over the entire period (e.g., year or month) for which the daily fractions are calculated.

(2) This calculation gives one daily fraction for every day of the month or year.

Clock-Hour Fractions by Day-type

(1) When hourly data are used, the unitized Load gives one hourly fraction for each hour of the month or year. This information may be condensed to give the average clock-hour fraction for a period. Each of the 24 hourly totals TH_{ph} for the period is divided by the total for the period, TM, TP or TY. For clock hour h, the clock-hour fraction for day-type p is calculated as

$fH_{ph} = TH_{ph}/TP_p$

where

TH_{ph} is the interval Load totals for day-type p and clock-hour h, and TP_p is the total over all hours.

(2) Clock-hour fractions for a month or year are calculated analogously.

Single Parameters

Single parameters include:

(a) Load factor;

(b) On-/off-peak ratio;

(c) Seasonal consumption ratio;

(d) Weekday fraction; and

(e) Load-weighted average price.

Load Factor

The Load factor for a period is the ratio of the average to the peak Load for the period:

LF = (average Load)/(maximum Load)
= (T/N) /max(L_t)

where

L_t = Load at interval t
T = sum of interval Loads over all intervals in the period
N = the number of intervals in the period.

Average Load Factor

(1) Average Load factor is an average of monthly Load factors. This average is computed as

$$AvgLF = \left[\frac{\left(\sum_{m=1}^{12} \text{AHUse}_m \right)}{\sum_{m=1}^{12} \text{MaxKW}_m} \right]$$

where

$AHUse_m$ = average hourly use in billing month m

$= KWh_m/(\text{billing days} \times 24)$

$MaxKW_m$ = maximum metered kW Demand in billing month m

(2) This definition and notation are consistent with Appendix D, Profile Decision Tree.

(3) In terms of the notation used elsewhere in this Appendix, if the interval t is hourly,

$AHUse_m = T_m/N_m$

and

$MaxkW_m = \max(L_t)_m$.

Thus,

$$AvgLF = \left[\frac{\left(\sum_{m=1}^{12} \left(T_m / N_m \right) \right)}{\sum_{m=1}^{12} \left(\max_{t \in M_m} \left(L_t \right) \right)} \right]$$

On-peak/Off-peak Ratio

The on-peak/off-peak ratio is the ratio of total consumption during on-peak periods to the consumption during off-peak periods. The specific definition depends on the definitions of on-peak and off-peak periods. The ratio is calculated as

$r_{on/off}$ = (on-peak consumption)/(off-peak consumption)
$= T_{ON}/T_{OFF}$

where

T_{ON} = sum of interval Loads over all intervals in on-peak periods
T_{OFF} = sum of interval Loads over all intervals in off-peak periods.

Seasonal Consumption Ratios

Seasonal consumption ratios are the ratio of total consumption in one Season to consumption in another Season. Most common is the ratio of summer to winter consumption. The ratio of summer to annual or winter to annual consumption may also be used. When using the seasonal consumption ratio calculation, the months of the Seasons being used shall be defined. The ratios are calculated as

$r_{S1/S2}$ = (total for Season 1)/(total for Season 2)
$= TS1/TS2$

where

TS1 and TS2 denote totals of interval Loads over the two Seasons being compared.

Load-Weighted Average or Annual Price

(1) The Load-weighted average price U for a period is calculated as

$$U = \Sigma_t L_t u_t / \Sigma_t L_t$$

where

L_t = Load at interval t
u_t = market price for commodity at time interval t
the summation is over all intervals t in the period.

(2) Equivalently, the Load-weighted average price may be calculated from the unitized Loads as

$$U = \Sigma_t f_t u_t.$$

where

f_t is the unitized Load defined above.

(3) Load-weighted average price is most often considered on an annual basis. When the period is annual the Load-weighted average price is also called the Load-weighted annual price.

(4) Unlike the other parameters defined, Load-weighted average price is not only a characteristic of a Load shape, but depends also on the price series u_t. When Load-weighted average price is used, the price series shall be specified.

Hourly and Quarter-Hourly Load Data

(1) Although ERCOT uses quarter-hourly data for Settlement, hourly Load data may be used for supporting analysis to assess Load Profiling Methods. When hourly data are used, the intervals t are hourly. In this case, the Load L_t in Demand for each interval t is equal to the energy for the interval, and the sum of the Loads T is the total profile energy for the period.

(2) For calculations expressed as the ratio of Loads, the ratio may be calculated in the same way whether the Load data are hourly or quarter-hourly. The same result will be obtained either way. This rule applies to unitized Loads, Load factor, on-/off-peak ratio, and seasonal consumption ratios.

Measuring Differences Between Two Load Profiles

DIRECT COMPARISON OF SIMPLE PARAMETERS

(1) Simple parameters are those that represent a Load shape in terms of a single number. These parameters include the following:

(a) Load factor;

(b) On-/off-peak ratios;

(c) Seasonal consumption ratios; or

(d) Load-weighted average price.

(2) Each simple parameter may be the basis for measuring differences between Load Profiles. The value of the parameter for the Target Profile is subtracted from the value for the default profile. For example, the difference in Load factors is expressed as:

$$\Delta LF = LF_{Default} - LF_{Target}$$

(3) This difference may be thought of as the magnitude of the error if the default profile is used to represent the target.

Comparison of Two Series

(1) A Load Profile over a year may be characterized by:

(a) Its unitized Load shape;

(b) The separately unitized Load shapes for each month;

(c) The 12 monthly fractions;

(d) The 24 clock-hour fractions for the year; or

(e) The set of 24 clock-hour fractions for each month or day-type.

(2) For any of these series, two Load Profiles may be compared in terms of various summary measures of the difference between their two series. Each of these summary measures is called a measure of "error" or "deviation." In the context of comparing two Load Profiles, this error is a measure of how far the default Load profile is from the target.

Mean Deviation

The simplest measure of difference is the average difference in values or deviation between corresponding elements of the series. The Mean deviation is calculated by:

(a) Taking the difference between the default and target for each element in the series; or

(b) Taking the Mean of these differences over all terms in the series.

Mean Absolute Deviation (MAD)

MAD is calculated by:

(a) Taking the difference between the default and target for each element in the series;

(b) Taking the absolute value of each difference; or

(c) Taking the mean of these absolute differences over all terms in the series.

Thus,

$$MAD = (1/J) \Sigma_j |X_{TARGETj} - X_{DEFAULTj}|$$

where

J is the number of elements in the series (e.g., 12 for monthly fractions, 365 for daily fractions of the year, 24 for clock-hour fractions of a period).

Mean Absolute Percent Error (MAPE)

The MAPE is calculated by:

(a) Taking the difference between the default and target for each element in the series;

(b) Taking the absolute value of each difference expressing this absolute value as a percent of the target value; or

(c) Taking the Mean of these absolute percent errors over all terms in the series.

Thus,

$$MAPE = (1/J) \Sigma_j |X_{TARGETj} - X_{DEFAULTj}|/X_{TARGETj}$$

where

J is the number of elements in the series (e.g., 12 for monthly fractions, 365 for daily fractions of the year, 24 for clock-hour fractions of a period).

Root Mean Square Error (RMSE)

The RMSE is calculated by:

(a) Taking the difference between the default and target for each element in the series;

(b) Squaring each difference;

(c) Taking the Mean of the squared difference over all terms in the series; or

(d) Taking the square root of the Mean squared difference.

Thus,

$$RMSE = \sqrt{(1/J)\sum_j \left(X_{TARGET_j} - X_{DEFAULT_j} \right)^2}$$

where

J is the number of elements in the series (e.g., 12 for monthly fractions, 365 for daily fractions of the year, 24 for clock-hour fractions of a period).

Measuring Differences for a Group of Load Profiles

Some decisions require comparisons across a group of Load Profiles that are jointly affected by a possible change. Key examples of such decisions are to either:

(a) Subdivide an existing segment into smaller segments;

(b) Subdivide an existing Weather Zone into smaller Weather Zones;

(c) Change segment definitions in a way that shall affect multiple segments; or

(d) Change the boundaries of Weather Zones in ways that shall affect multiple Weather Zones.

Deadweight Loss Reduction

One measure that reflects the combined effects of a change on several Load Profiles is deadweight loss. A reduction in deadweight loss is the gain in economic efficiency due to providing Customers with Load Profiles that are closer to their true Load shapes. This reduction is a value to society, measured in dollars per year. Given that ERCOT's costs are ultimately paid by consumers through their electricity rates, this societal value is theoretically the maximum that it would be worth to implement a change paid for by ERCOT. Changes that would cost more than this to implement shall cost more than the economic value of the benefit.

Deadweight Loss Reduction from Finer Subdivision

(1) When performing an analysis where a single group is divided into smaller groups, the Load Profiles for the smaller segments or zones are considered the Target Load Profiles. The profile for the single group is considered the default Load Profile. The difference between the default and each of the Target Profiles may be measured by any of the difference measures described in this Appendix titled Measuring Differences between Two Load Profiles, as described in Section 12.6.2, Difference from Current Load Profile Segments.

(2) The combined effect of subdividing may be expressed as the deadweight loss reduction. The calculation formula is

$$\Delta DWL = \tfrac{1}{2} e \Sigma_k E_k U_0 ((U_k - U_0)/U_0)^2$$

Where

e = Elasticity of electricity Demand with respect to the commodity price

E_k = Total annual consumption for subgroup k of group 0 (kWh)

U_k = Load-weighted annual price for subgroup k of group 0 ($/kWh)

U_0 = Load-weighted annual price for the group 0 ($/kWh).

(3) For purposes of this calculation, elasticity estimates from secondary sources may be considered, and scenario analysis using a range of values may be used. A value of 0.2 has been used in some studies. Note that the annual consumption E_k is the total energy use of all Customers represented by the subgroup profile k. If the profile is scaled so that the profile hourly value is an estimate of total Load for all Customer represented by the profile, the annual consumption E_k is the sum of the profile hourly values over all hours in the year. If the profile is scaled in some other way, the group annual consumption E_k may be very different from the sum of the profile hourly values.

(4) To apply this formula to subdivisions of a Weather Zone, the combined group 0 is the entire Weather Zone. Each subgroup k is a subdivision proposed as a new Weather Zone. The formula is evaluated separately for each Load Profile Segment, and summed over segments to provide the total benefit of the Weather Zone subdivision.

(5) To apply this formula to subdivisions of a segment, the combined group 0 is the entire current segment. Each subgroup k is a subdivision proposed as a new segment. The formula is evaluated separately for each Weather Zone, and summed over Weather Zones to provide the total benefit of the segment subdivision.

(6) In either case, the subgroup profiles k defined by profile segment and Weather Zone are applied to the interval prices u_t to produce distinct Load-weighted

average annual prices U_k. The Load-weighted average annual price for the existing segment or Weather Zone is U_0.

Deadweight Loss Reduction if Only One Subdivision Changes

If only one proposed new segment shall have a new Load Profile, while the remainder shall continue to have the existing Load Profile, the deadweight loss formula reduces to

$$\Delta DWL = \tfrac{1}{2} e \; E_{k^*} \; U_0 \; ((U_{k^*} - U_0)/U_0)^2$$

where the subscript k* indicates the proposed new segment. All other terms in the summation for the full formula are zero.

Deadweight Loss Reduction by Creating a New Segment from Multiple Segments

(1) When performing an analysis where several groups are being combined to form a single group, the Load Profile for the single group is considered the Target Load Profile. The Load Profiles for the groups contributing to the formation of the single group are considered the default Load Profiles. Examples where such analyses shall apply include:

(a) Changing a Weather Zone boundary so that a portion is removed from one zone and added to another

(b) Changing a set of Load Profile Segment definitions so that part of one segment is shifted from one to another

(c) Choosing between two alternative schemes for defining Weather Zones or Load Profile Segments.

(2) Any of these choices may be assessed as a difference among possible subdivisions using the formula titled "Deadweight Loss from Finer Subdivision." If a single group may be divided into subgroups the deadweight loss reduction from each possible subdivision is calculated using the formula. The method with the greatest deadweight loss reduction is the preferred method.

(3) Thus, to request a change of the definitions of existing segments, a combined segment that includes all segments affected by the change is considered. The deadweight loss reduction from "subdividing" the combined segment is then calculated. Likewise, the deadweight loss reduction from subdividing the combined segment into the proposed new set of definitions is calculated. The reduction from the current segmentation is subtracted from the reduction from the proposed segmentation. Theoretically, the proposed segmentation is justified in terms of societal value if this difference is greater than the total cost of implementing the change.

(4) A change that involves moving a part of a group into another group, or a combination of such moves, may be assessed using this same approach. The combination of all affected subgroups is considered as the overall group. The original and alternative groupings are then regarded as two possible subdivisions of this overall group. The deadweight loss reduction compared to having the full combined group is evaluated for each of these "subdivisions." The preferred subdivision is the one with the greater deadweight loss reduction from the combined group. The benefit of going from the original subdivision to the new one is the increase in the deadweight loss reduction.

(5) For example, if the group A is to be moved from being included with group B to being included with group C, the combined group is the combination of A, B, and C. Under one "subdivision" the subgroups are A+B and C. Under the other, the subgroups are B and A+C. The change is theoretically worth making if the deadweight loss reduction for (B, A+C) versus (A+B+C) is greater than that for (A+B, C) versus (A+B+C), by an amount greater than the cost of making the change.

Deadweight Loss Reduction from Revising the Load Profile Model Based on Current Load Research Data

(1) The Load Profile based on current Load research may be regarded as the best available estimate of the Load Profile for a particular segment. Continuing to use the current model is then viewed as an approximation to this best available or Target Profile. One way to measure the severity of the error in this approximation is in terms of the deadweight loss. Revising the current Load Profile to bring it closer to the target would reduce societal deadweight loss by at most this amount.

Table C-2
Hypothetical Loads and Prices for Illustration

				Existing Profile Segment		Profile Subsegment A		Profile Subsegment B	
	Day	Hour	Price ($/MWh)	Load (MWh)	Hourly Cost	Load (MWh)	Hourly Cost	Load B (MWh)	Hourly Cost
	d	h	u_t	L_t	$L_t u_t$	L_t	$L_t u_t$	L	$L_t u_t$
	1	1	$20	1,350	$27,000	1000	$20,000	1700	$34,000
	1	2	$19	1,250	$23,750	1000	$19,000	1500	$28,500
	1	3	$17	1,200	$20,400	1000	$17,000	1400	$23,800
	1	4	$15	1,150	$17,250	1000	$15,000	1300	$19,500
	1	5	$14	1,150	$16,100	1100	$15,400	1200	$16,800
	1	6	$15	1,200	$18,000	1200	$18,000	1200	$18,000
	1	7	$19	1,300	$24,700	1300	$24,700	1300	$24,700
	1	8	$26	1,450	$37,700	1400	$36,400	1500	$39,000
	1	9	$29	1,450	$42,050	1400	$40,600	1500	$43,500
	1	10	$35	1,550	$54,250	1500	$52,500	1600	$56,000
	1	11	$77	1,600	$123,200	1500	$115,500	1700	$130,900
	1	12	$150	1,750	$262,500	1600	$240,000	1900	$285,000
	1	13	$140	1,750	$245,000	1600	$224,000	1900	$266,000
	1	14	$250	1,850	$462,500	1700	$425,000	2000	$500,000
	1	15	$330	1,900	$627,000	1700	$561,000	2100	$693,000
	1	16	$360	2,000	$720,000	1800	$648,000	2200	$792,000
	1	17	$340	2,150	$731,000	1900	$646,000	2400	$816,000
	1	18	$330	2,300	$759,000	1900	$627,000	2700	$891,000
	1	19	$170	2,200	$374,000	1800	$306,000	2600	$442,000
	1	20	$130	2,200	$286,000	1800	$234,000	2600	$338,000
	1	21	$74	2,200	$162,800	1800	$133,200	2600	$192,400
	1	22	$82	2,100	$172,200	1600	$131,200	2600	$213,200
	1	23	$33	1,850	$61,050	1400	$46,200	2300	$75,900
	1	24	$24	1,600	$38,400	1200	$28,800	2000	$48,000
	2	1	$13	950	$12,350	800	$10,400	1100	$14,300
	2	2	$13	850	$11,050	800	$10,400	900	$11,700
	2	3	$12	850	$10,200	800	$9,600	900	$10,800
	2	4	$12	800	$9,600	800	$9,600	800	$9,600
	2	5	$13	850	$11,050	900	$11,700	800	$10,400
	2	6	$15	900	$13,500	1000	$15,000	800	$12,000
	2	7	$23	1,000	$23,000	1100	$25,300	900	$20,700
	2	8	$22	1,050	$23,100	1200	$26,400	900	$19,800
	2	9	$18	1,050	$18,900	1200	$21,600	900	$16,200
	2	10	$21	1,150	$24,150	1300	$27,300	1000	$21,000
	2	11	$20	1,150	$23,000	1300	$26,000	1000	$20,000
	2	12	$18	1,150	$20,700	1300	$23,400	1000	$18,000
	2	13	$17	1,150	$19,550	1300	$22,100	1000	$17,000
	2	14	$18	1,200	$21,600	1300	$23,400	1100	$19,800
	2	15	$15	1,200	$18,000	1300	$19,500	1100	$16,500
	2	16	$15	1,250	$18,750	1400	$21,000	1100	$16,500
	2	17	$23	1,350	$31,050	1500	$34,500	1200	$27,600
	2	18	$36	1,500	$54,000	1500	$54,000	1500	$54,000
	2	19	$27	1,500	$40,500	1500	$40,500	1500	$40,500
	2	20	$23	1,500	$34,500	1500	$34,500	1500	$34,500
	2	21	$22	1,450	$31,900	1500	$33,000	1400	$30,800
	2	22	$19	1,450	$27,550	1400	$26,600	1500	$28,500
	2	23	$16	1,250	$20,000	1200	$19,200	1300	$20,800
	2	24	$14	1,100	$15,400	1000	$14,000	1200	$16,800
SUM			**$3,144**	**68150**	**$5,839,250**	**64100**	**$5,183,500**	**72200**	**$6,495,000**

(2) The deadweight loss due to using the current Load Profile Model (default) rather than the target is calculated as

$$DWL = \tfrac{1}{2} e E U_{DEFAULT} ((U_{TARGET} - U_{DEFAULT})/U_{DEFAULT})^2$$

Where

e = Elasticity of electricity Demand with respect to the commodity price

E = Total energy consumption for the profile segment (MWh)

U_{TARGET} = Load-weighted average annual commodity price using the Target Profile for the segment ($/MWh)

$U_{DEFAULT}$ = Load-weighted average annual commodity price using the default profile for the segment ($/kWh).

Illustration of Measures of Differences

(1) To illustrate some of the measures of differences, following Table C-2, Hypothetical Loads and Prices for Illustration, shows hourly Loads and hourly market prices for a hypothetical period of two days. Loads are shown for two sub segments that together make up an existing segment within a Weather Zone. The highlighted hours are on-peak hours, which are defined as hour ending 0800 through 1900.

(2) Following Table C-3, Single Parameter Characteristics and Differences, shows some of the single-parameter characteristics statistics for each of the three Load Profiles. Also shown are the differences between each subsegment and the existing combined segment. These differences are the errors if the subsegments are considered as the targets and the combined is the default that estimates them if the finer Segmentation is not adopted.

Table C-3
Single Parameter Characteristics and Differences

SUMMARY MEASURES BY PROFILE	Existing	Subsegment A	Subsegment B
Total Cost of Profile Energy	$5,839,250	$5,183,500	$6,495,000
Total Profile Energy	68,150	64,100	72,200
Load-weighted average price	**$85.68**	**$80.87**	**$89.96**
On-peak Energy	36,650	35,900	37,400
Off-peak Energy	31,500	28,200	34,800
On-/off-peak ratio	**1.16**	**1.27**	**1.07**
Profile Peak Load	2,300	1,900	2,700
Load Factor	**0.62**	**0.70**	**0.56**
DIFFERENCES FROM EXISTING			
Load-weighted average price		-4.8	4.3
On-/off-peak ratio		0.11	-0.09
Load Factor		0.09	-0.06

(3) Following Table C-4, Daily and Clock-Hour Totals and Fractions, shows the calculations of daily and clock-hour totals and fractions.

Table C-4
Daily and Clock-Hour Totals and Fractions

			Existing Segment		Subsegment A		Subsegment B	
	Day	Hour	Totals	Fractions	Totals	Fractions	Totals	Fractions
Daily								
	1		40,500	0.59	35,200	0.55	45,800	0.63
	2		27,650	0.41	28,900	0.45	26,400	0.37
	SUM		**68,150**	**1.00**	**64,100**	**1.00**	**72,200**	**1.00**
Clock-Hour								
		1	2,300	0.03	1,800	0.03	2,800	0.04
		2	2,100	0.03	1,800	0.03	2,400	0.03
		3	2,050	0.03	1,800	0.03	2,300	0.03
		4	1,950	0.03	1,800	0.03	2,100	0.03
		5	2,000	0.03	2,000	0.03	2,000	0.03
		6	2,100	0.03	2,200	0.03	2,000	0.03
		7	2,300	0.03	2,400	0.04	2,200	0.03
		8	2,500	0.04	2,600	0.04	2,400	0.03
		9	2,500	0.04	2,600	0.04	2,400	0.03
		10	2,700	0.04	2,800	0.04	2,600	0.04
		11	2,750	0.04	2,800	0.04	2,700	0.04
		12	2,900	0.04	2,900	0.05	2,900	0.04
		13	2,900	0.04	2,900	0.05	2,900	0.04
		14	3,050	0.04	3,000	0.05	3,100	0.04
		15	3,100	0.05	3,000	0.05	3,200	0.04
		16	3,250	0.05	3,200	0.05	3,300	0.05
		17	3,500	0.05	3,400	0.05	3,600	0.05
		18	3,800	0.06	3,400	0.05	4,200	0.06
		19	3,700	0.05	3,300	0.05	4,100	0.06
		20	3,700	0.05	3,300	0.05	4,100	0.06
		21	3,650	0.05	3,300	0.05	4,000	0.06
		22	3,550	0.05	3,000	0.05	4,100	0.06
		23	3,100	0.05	2,600	0.04	3,600	0.05
		24	2,700	0.04	2,200	0.03	3,200	0.04
		SUM	**68,150**	**1.00**	**64,100**	**1.00**	**72,200**	**1.00**

(4) Following Table C-5, Unitized Loads and Difference Measures, shows the unitized Load for the two-day period, and illustrates some of the difference measures based on this series.

Table C-5
Unitized Loads and Difference Measures

		Unitized Loads			Difference from Existing		Absolute Difference		Squared Difference		Absolute Percent Difference	
Day	Hour	Existing	A	B	A	B	A	B	A	B	A	B
1	1	0.95	0.75	1.13	0.20	-0.18	0.20	0.18	0.041	0.032	27.0%	15.9%
1	2	0.88	0.75	1.00	-0.13	0.12	0.13	0.12	0.017	0.014	17.6%	11.7%
1	3	0.85	0.75	0.93	-0.10	0.09	0.10	0.09	0.009	0.007	12.9%	9.2%
1	4	0.81	0.75	0.86	-0.06	0.05	0.06	0.05	0.004	0.003	8.2%	6.3%
1	5	0.81	0.82	0.80	0.01	-0.01	0.01	0.01	0.000	0.000	1.7%	1.5%
1	6	0.85	0.90	0.80	0.05	-0.05	0.05	0.05	0.003	0.002	5.9%	5.9%
1	7	0.92	0.97	0.86	0.06	-0.05	0.06	0.05	0.003	0.003	5.9%	5.9%
1	8	1.02	1.05	1.00	0.03	-0.02	0.03	0.02	0.001	0.001	2.6%	2.4%
1	9	1.02	1.05	1.00	0.03	-0.02	0.03	0.02	0.001	0.001	2.6%	2.4%
1	10	1.09	1.12	1.06	0.03	-0.03	0.03	0.03	0.001	0.001	2.8%	2.6%
1	11	1.13	1.12	1.13	0.00	0.00	0.00	0.00	0.000	0.000	0.3%	0.3%
1	12	1.23	1.20	1.26	-0.03	0.03	0.03	0.03	0.001	0.001	2.9%	2.4%
1	13	1.23	1.20	1.26	-0.03	0.03	0.03	0.03	0.001	0.001	2.9%	2.4%
1	14	1.30	1.27	1.33	-0.03	0.03	0.03	0.03	0.001	0.001	2.4%	2.0%
1	15	1.34	1.27	1.40	-0.07	0.06	0.07	0.06	0.004	0.003	5.1%	4.1%
1	16	1.41	1.35	1.46	-0.06	0.05	0.06	0.05	0.004	0.003	4.5%	3.7%
1	17	1.51	1.42	1.60	-0.09	0.08	0.09	0.08	0.008	0.007	6.4%	5.1%
1	18	1.62	1.42	1.80	-0.20	0.18	0.20	0.18	0.039	0.031	13.9%	9.8%
1	19	1.55	1.35	1.73	-0.20	0.18	0.20	0.18	0.041	0.032	15.0%	10.4%
1	20	1.55	1.35	1.73	-0.20	0.18	0.20	0.18	0.041	0.032	15.0%	10.4%
1	21	1.55	1.35	1.73	-0.20	0.18	0.20	0.18	0.041	0.032	15.0%	10.4%
1	22	1.48	1.20	1.73	-0.28	0.25	0.28	0.25	0.079	0.062	23.5%	14.4%
1	23	1.30	1.05	1.53	-0.25	0.23	0.25	0.23	0.065	0.051	24.3%	14.8%
1	24	1.13	0.90	1.33	-0.23	0.20	0.23	0.20	0.052	0.041	25.4%	15.2%
2	1	0.67	0.60	0.73	-0.07	0.06	0.07	0.06	0.005	0.004	11.7%	8.5%
2	2	0.60	0.60	0.60	0.00	0.00	0.00	0.00	0.000	0.000	0.1%	0.1%
2	3	0.60	0.60	0.60	0.00	0.00	0.00	0.00	0.000	0.000	0.1%	0.1%
2	4	0.56	0.60	0.53	0.04	-0.03	0.04	0.03	0.001	0.001	5.9%	5.9%
2	5	0.60	0.67	0.53	0.08	-0.07	0.08	0.07	0.006	0.004	11.2%	12.6%
2	6	0.63	0.75	0.53	0.11	-0.10	0.11	0.10	0.013	0.010	15.3%	19.2%
2	7	0.70	0.82	0.60	0.12	-0.11	0.12	0.11	0.014	0.011	14.5%	17.7%
2	8	0.74	0.90	0.60	0.16	-0.14	0.16	0.14	0.025	0.020	17.7%	23.6%
2	9	0.74	0.90	0.60	0.16	-0.14	0.16	0.14	0.025	0.020	17.7%	23.6%
2	10	0.81	0.97	0.66	0.16	-0.15	0.16	0.15	0.027	0.021	16.8%	21.8%
2	11	0.81	0.97	0.66	0.16	-0.15	0.16	0.15	0.027	0.021	16.8%	21.8%
2	12	0.81	0.97	0.66	0.16	-0.15	0.16	0.15	0.027	0.021	16.8%	21.8%
2	13	0.81	0.97	0.66	0.16	-0.15	0.16	0.15	0.027	0.021	16.8%	21.8%
2	14	0.85	0.97	0.73	0.13	-0.11	0.13	0.11	0.016	0.013	13.2%	15.6%
2	15	0.85	0.97	0.73	0.13	-0.11	0.13	0.11	0.016	0.013	13.2%	15.6%
2	16	0.88	1.05	0.73	0.17	-0.15	0.17	0.15	0.028	0.022	16.0%	20.4%
2	17	0.95	1.12	0.80	0.17	-0.15	0.17	0.15	0.030	0.023	15.3%	19.2%
2	18	1.06	1.12	1.00	0.07	-0.06	0.07	0.06	0.004	0.004	5.9%	5.9%
2	19	1.06	1.12	1.00	0.07	-0.06	0.07	0.06	0.004	0.004	5.9%	5.9%
2	20	1.06	1.12	1.00	0.07	-0.06	0.07	0.06	0.004	0.004	5.9%	5.9%
2	21	1.02	1.12	0.93	0.10	-0.09	0.10	0.09	0.010	0.008	9.1%	9.7%
2	22	1.02	1.05	1.00	0.03	-0.02	0.03	0.02	0.001	0.001	2.6%	2.4%
2	23	0.88	0.90	0.86	0.02	-0.02	0.02	0.02	0.000	0.000	2.0%	1.9%
2	24	0.77	0.75	0.80	-0.03	0.02	0.03	0.02	0.001	0.001	3.5%	2.9%

Differences from Existing	A	B
Mean Deviation	0.01	-0.01
Mean absolute deviation	0.10	0.09
Root mean square error	0.13	0.11
Mean absolute percent error	10%	10%

First, the unitized Loads are shown for each Load Profile. The differences or errors between each segment and the existing Load Profile are then shown for the unitized Loads. Also shown are the absolute difference, squared error, and absolute percent errors. These are combined at the bottom to give the mean deviation, MAD, MAPE, and RMSE.

(5) Following Table C-6, Calculation of Deadweight Loss Reduction for Finer Segmentation, illustrates a calculation of the reduction in deadweight loss achieved by changing from the single existing Load Profile to separate Load Profiles for each subsegment.

Table C-6
Calculation of Deadweight Loss Reduction for Finer Segmentation

			Existing Combined	Subsegment A	Subsegment B
Total Annual Energy (MWh)	E		900,000	420,000	480,000
Loadweighted annual price ($/MWh)	U		$85.68	$81	$90
Difference from combined	$U_k - U_0$			-$5	$4
Relative difference from combined	$(U_k - U_0)/U_0$			-0.056	0.053
Squared relative difference	$[(U_k - U_0)/U_0]^2$			0.003	0.003
Squared relative difference times subsegment energy	$E_k [(U_k - U_0)/U_0]^2$			1,327	1,342
Squared relative difference times energy and combined price	$E_k U_0 [(U_k - U_0)/U_0]^2$			$113,715	$115,002
Sum of subsegment terms	$\Sigma E_k U_0 [(U_k - U_0)/U_0]^2$	$228,717			
Assumed elasticity	e	0.2			
Deadweight loss reduction	ΔDWL	$22,872			

Getting Started

This sheet serves as an overview of the process to assign a Profile ID to an ESI ID. Profile ID assignments are to be based on the historical data of the ESI ID, without regard to the specific customer(s) of the premises. Regarding Annual Validation Load Profile ID assignments, ERCOT is responsible for the determination of the Profile Segment as directed by this Profile Decision Tree. TDSPs are responsible for verifying that ERCOT's Profile Segment determination is consistent with the tariff under which the ESI ID is currently served, and for submitting the necessary Profile ID change transactions reflecting the ERCOT determined Load Profile Segment.

Additionally, TDSPs must assign a valid code for each of the five Profile ID components. These components are: Profile Type, Weather Zone, Meter Data Type, Weather Sensitivity and Time-Of-Use Schedule. Please note that the Profile Type is comprised of the Profile Group and the Profile Segment.

For new ESI IDs TDSPs are responsible for assigning a complete Profile ID, using default components as directed by this Profile Decision Tree. Reference the various tabs within this workbook to complete the assignments.

Non-Opt In Entities should proceed directly to the NOIEs tab.

Profile ID assignments must adhere to the Protocols--even if all details are not listed within this document.

Example of a completed Profile ID: RESLOWR_EAST_NIDR_NWS_NOTOU

1. Determine the Profile Type Code

A. Select the Profile Group

Select the appropriate Profile Group from the following: NM (for Non-Metered), RES (for Residential), or BUS (for Business).

B. Select the Profile Segment

Valid Profile Segments are dependent upon the Profile Group and other factors. Please see the Segment Assignment tab.

Valid Segments for NM are: LIGHT and FLAT.

Valid Segments for RES are: LOWR, HIWR, LOPV, HIPV, LOWD, HIWD, LODG, and HIDG.

Valid Segments for BUS are: NODEM, LOLF, MEDLF, HILF, IDRRQ, OGFLT, NODPV, LOPV, MEDPV, HIPV, OGFPV, NODWD, LOWD, MEDWD, HIWD, OGFWD, NODDG, LODG, MEDDG, HIDG, and OGFDG.

C. Concatenate the Profile Group and Profile Segment to form the Profile Type Code

Convert the Profile Group and Profile Segment to one field, e.g., BUSLOLF.

2. Select the Weather Zone Code

A. Locate the ESI ID's service address ZIP Code on the ZipToZone tab.

B. Cross reference the ZIP Code to the Weather Zone.

C. Assign the valid Weather Zone Code: COAST, EAST, FWEST, NORTH, NCENT, SOUTH, SCENT, or WEST.

3. Select the Meter Data Type Code

A. Assign IDR for ESI IDs that have an IDR used for Settlement.

B. Assign NIDR to all other ESI IDs.

4. Select the Weather Sensitivity Code

Assign the Weather Sensitivity Code as follows unless notified by ERCOT to assign a different Weather Sensitivity Code, per Protocol Section 11, Data Acquisition and Aggregation.

A. Assign NWS for ESI IDs with a meter data type code of NIDR.

B. Assign NWS for ESI IDs that have a profile type code of BUSIDRRQ.

C. Assign WS to all other ESI IDs.

5. Select the Time-Of-Use Schedule Code

A. Assign NOTOU for ESI IDs not served under a Time-Of-Use schedule (for kWh), or if Profile Type is BUSIDRRQ.

B. For ESI IDs served under a TOU schedule (for kWh), assign the appropriate Time-Of-Use Schedule Code from the TOU Schedules tab.

6. Concatenate the five appropriate components (separated by underscores) to produce a Profile ID

Example of a completed Profile ID: BUSHILF_FWEST_NIDR_NWS_NOTOU

Frequently Asked Questions

1. **Q.** In calculating Usage Month values, should a zero

   A. No. For any variable such as kWh, kW, or kVA, a value should not be treated as a zero.

2. **Q.** If an ESI ID has an Advanced Meter, should the M

   A. Yes--if the ESI ID is to be settled on its interval da

3. **Q.** What if an ESI ID's service address is in a ZIP Co

   A. Verify that the ZIP Code is currently recognized b Code corresponds to the city of the service addre it is for a service address within ERCOT, ask you Profile Decision Tree.

4. **Q.** If an ESI ID has less than 16 days of data for a sp for a BUS ESI ID?

   A. After applying the Usage Month methodology, yo the Usage Month Methodology tab). For BUS ES the applicable Assignment Year. ESI IDs that do corresponding default Profile Segment.

5. **Q.** How should I treat negative meter read values in

   A. Treat negative kWh or demand values as null or should be the ones that were submitted to ERCO demand values.

6. **Q.** During the Profile ID assignment process, the Se has a computed AvgLF (Average Load Factor) of why are the load factors of the daily BUSLOLF lo

   A. The biggest reasons are the length of time over w reflected by the profile. For a given ESI ID (or gr greater than its monthly load factor. Also, the BU of the diversity of the individuals' loads (e.g., vary most or all of the individual ESI IDs to which the l

ERCOT Use of the Profile ID Components

This tab is intended to provide Market Participants with a better understanding of how each Load Profile ID component is used by ERCOT in the settlement process.

Profile Type example: RESLOWR	The Profile Group and Segment (which together comprise the Profile Type), in addition to the Weather Zone are used to determine which profile the monthly energy will be applied to in the settlement process. During Profile ID validation, the Profile Group is compared to the Registration database to verify whether the premise has been reported to be Residential or Non-Residential (either small or large, per §25.43).
Weather Zone example: NORTH	The weather data for each Weather Zone are used in generating profiles for each Profile Type, specific to the Weather Zone. During validation of the Weather Zone component, the service address ZIP Code that was submitted to ERCOT for each ESI ID is compared to the ZipToZone table in this Profile Decision Tree to verify that the correct Weather Zone was assigned.
Meter Data Type example: NIDR	Meter Data Type is used to determine whether the ESI ID is settled using interval data or a Load Profile. ESI IDs that have 'IDR' as the Meter Data Type will normally be settled on their interval data, and not a load profile. The exception to this is when no (ESI ID-specific) applicable data are available for a proxy-day routine to be used for settlement. In this case, the default profile shall be applied. ESI IDs that have 'NIDR' as the Meter Data Type will be settled with their cumulative usage applied to the assigned profile. The Meter Data Type is also referenced to determine what type of meter information is expected (cumulative or interval), each time meter data are submitted to ERCOT. If the meter data are not the correct type, a rejection notice will be sent.
Weather Sensitivity example: NWS	This component is utilized only if the Meter Data Type is 'IDR' and the ESI ID's interval data have not been received by ERCOT for a specific settlement period. In this case, the Weather Sensitivity component of the Profile ID dictates whether a weather sensitive or non-weather sensitive proxy day routine will be used to estimate the interval data. For ESI IDs that have the BUSIDDRQ Profile Type assignment, ERCOT will determine which ones are weather sensitive (per Protocols Section 11) and will contact the TDSPs to have them implement the appropriate changes.
Time-Of-Use Schedule example: NOTOU	The Time-Of-Use Schedule (TOU) is used to determine how cumulative metered usage will be applied to Load Profiles for NIDRs. (A TOU Schedule other than 'NOTOU' for ESI IDs with a Meter Data Type of 'IDR' is used for the TDSP to pass TOU data to the REP, and will not be used in settlement.) The cumulative metered usage of NIDR ESI IDs that have a TOU Schedule of 'NOTOU' will be applied to the entire profile. NIDR ESI IDs that have a TOU Schedule other than 'NOTOU' will have the usage for each TOU period applied to the corresponding intervals of the Load Profile. Each time meter usage is submitted to ERCOT, the number of usage readings will be verified against the respective TOU Schedule. If the usage data do not match the expected time periods from the TOU schedule, a rejection notice will be sent.

Definitions Used in Profile ID Assignments

Term	Description/Definition	Additional info @
$ActiveDays_m$	Denotes the number of days in a particular Usage Month in which the ESI ID received service (please see ESI ID Status for further clarification).	ESI ID Status definition
$ADUse_m$	Denotes the Average Daily Usage (in kWh) for a specific Usage Month. This is derived by dividing the Total kWh (kWh_m) in the Usage Month by the Number of Active Days ($ActiveDays_m$) in the same Usage Month, and rounding to two decimal places per the Rounding instructions on this tab.	Usage Month Methodology tab
$ADUse_p$	Denotes the Average Daily Usage (in kWh) for a specific Meter Read Period. This is derived by dividing the Metered Usage (in kWh) for the Meter Read Period by the Number of Days in the Meter Read Period, and rounding to two decimal places per the Rounding instructions on this tab.	Usage Month Methodology tab
$AHUse_m$	Denotes the Average Hourly Usage (in kWh) for Usage Month m.	Segment Assignment tab
Assignment Year	Assignment Year refers to a specific set of 12 Usage Months used to determine Business Profile ID assignments. An Assignment Year normally runs from May through the following April. However, to determine Profile ID assignments it may be necessary to obtain data from outside the May through April period. For example, to calculate complete Usage Months for May 2005 and April 2006, meter read data from April 2005 and May 2006 will most likely be required.	
AvgLF	The Average Load Factor is defined as a weighted average of the individual monthly load factors, where demand levels are used to define the weights.	Segment Assignment tab
Business (BUS)	Profile Group designation for non-residential ESI IDs whose service is metered. This encompasses rate classes for business ESI IDs, in addition to other classes.	
Daily Demand	Daily Demand is based on Max Metered Demand (in kW) and represents the kW applied to each day in that period.	
Daily Usage	Daily Usage is based on $ADUse_p$ and represents the kWh used for each day of that period.	
$Days_p$	The Meter Read Stop Date minus the Meter Read Start Date for a specific meter read.	
ESI ID Status	**Active** -- ESI ID is presently receiving service (energized) and a REP is currently assigned to it in ERCOT's system.	
	De-Energized -- ESI ID does not have a REP assigned in ERCOT's system, but has not been retired. An 814_16 Move-In is necessary to change to Active status.	
	Inactive -- ESI ID is retired and is to never again receive service.	
ESI ID Year Use	Denotes the sum of the kWh_p for each year value of an ESI ID.	Segment Assignment tab
FLAT	Profile Segment designation for any Non-Metered load that is not identified as lighting.	
HIDG	Denotes a High Winter Ratio or High Load Factor Profile Segment for premises with Distributed Generation other than PV or wind.	DG tab
HILF	Denotes a High Load Factor Profile Segment designation where AvgLF > 0.60.	Segment Assignment tab
HIPV	Denotes a High Winter Ratio or High Load Factor Profile Segment for Premises with photovoltaic-generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
HIWD	Denotes a High Winter Ratio or High Load Factor Profile Segment for Premises with -wind generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
HIWR	Denotes a High Winter Ratio Profile Segment designation as derived per the Segment Assignment tab.	Segment Assignment tab
IDR	Interval Data Recorder -- A device that is capable of recording electrical usage in each settlement interval.	Protocols Sections 9 & 10
IDRRQ	Denotes a Profile Segment for which an Interval Data Recorder is required.	Protocols Section 18.6.1
$kWDays_m$	Denotes the number of days in a particular Usage Month for which there are Daily Demand values.	
kWh_m	Denotes the total energy consumed (in kilowatthours) in Usage Month m. This is calculated by summing the values for Daily Usage over the entire Usage Month.	
kWh_p	Denotes the total energy consumed (in kilowatthours) in Meter Read Period. This is calculated by summing the values for Daily Usage over the entire Meter Read Period.	Segment Assignment tab
LIGHT	Profile Segment designation for all Non-Metered lighting load.	
Load Profile Group	A high-level classification of a set of customers who have similar characteristics. The Load Profile Groups are: Non-Metered, Residential, and Business. Together, the Load Profile Group and the Load Profile Segment form the Load Profile Type.	
Load Profile ID	The load profile designation string that contains: 1) the Load Profile Type Code; 2) the Weather Zone Code; 3) the Meter Data Type Code; 4) the Weather Sensitivity Code; and 5) the Time-Of-Use Schedule Code. An example of a Profile ID: RESLOWR_FWEST_NID	Start tab
Load Profile Segment	A sub-classification of a Load Profile Group. High Winter Ratio (HIWR) is an example of a Load Profile Segment. Together, the Load Profile Group and the Load Profile Segment form the Load Profile Type.	
Load Profile Type	From Protocols, Section 2: "A classification of a group of Customers having similar energy usage patterns and that are assigned the same Load Profile." Load Profile Type is also the concatenation of the Load Profile Group and Load Profile Segment.	
LODG	Denotes a Low Winter Ratio or Low Load Factor Profile Segment for premises with Distributed Generation other than PV or wind.	DG tab
LOLF	Denotes a Low Load Factor Profile Segment designation where AvgLF < 0.40.	Segment Assignment tab
LOPV	Denotes a Low Winter Ratio or Low Load Factor Profile Segment for Premises with photovoltaic generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
LOWD	Denotes a Low Winter Ratio or Low Load Factor Profile Segment for Premises with Distributed Generation other than PV, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
LOWR	Denotes a Low Winter Ratio Profile Segment designation as derived per the Segment Assignment tab. (This is sometimes assigned as the default if data not available.)	Segment Assignment tab
Max Metered Demand	The highest measured demand (kW) during a Usage Period. Please see the kVA to kW tab if demand is measured in kVA.	
$MaxkW_m$	Denotes the straight average of the demand values assigned to the days in the Usage Month. The values used for Daily Demand should be the maximum demand (kW) that occurred during that Usage Period.	
MEDDG	Denotes a Medium Load Factor Profile Segment for premises with Distributed Generation other than PV or wind.	DG tab
MEDLF	Denotes a Medium Load Factor Profile Segment designation where 0.40 ≤ AvgLF ≤ 0.60. (This is sometimes assigned as the default if data not available or if the denominator equals zero.)	Profile Segments tab
MEDPV	Denotes a Medium Load Factor Profile Segment for Premises with photovoltaic generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
MEDWD	Denotes a Medium Load Factor Profile Segment for Premises with wind generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab

Term	Description/Definition	Additional info @
Meter Read Start Date	The Meter Read Start Date for a Usage Period corresponds with the date the meter was actually read. For any given Usage Period the Meter Read Start Date is the prior meter read date, regardless of the time the meter was read. If no prior meter read date exists, the date the account was energized or activated shall be considered the Meter Read Start Date.	
Meter Read Stop Date	The Meter Read Stop Date for a Usage Period corresponds with the date the meter was actually read. For any given Usage Period the Meter Read Stop Date is the date of the meter read that ends that period, regardless of what time the meter is read.	
Metered Usage	In the context of Usage Month, Metered Usage is the total electricity consumption (in kWh) measured during a Usage Period. This includes estimated usage if the values were submitted to ERCOT and actual measured usage for the same period was never submitted to ERCOT.	
NADUse$_p$	Denotes the normalized Average Daily Usage (in kWh) for a specific Meter Read Period. This is derived by subtracting the mean Average Daily Usage over the Usage Period from the Average Daily Usage for a specific Meter Read Period and dividing by the standard deviation of the Average Daily Usage for the Usage Period, and rounding to two decimal places per the Rounding instructions on this tab.	Segment Assignment tab
NIDR	An electricity meter that is not an Interval Data Recorder. NIDR designation shall include IDRs installed for Load Research purposes and Time-Of-Use meters.	Segment Assignment tab
NODDG	Denotes a Non-Demand Profile Segment for premises with Distributed Generation other than PV or wind, applicable to ESI IDs that meet the criteria on the DG tab.	DG tab
NODEM	NODEM stands for Non-Demand. NODEM denotes a Profile Segment designation for 1) BUS ESI IDs that have a kWh meter, but the meter does not measure and retain a kW value; or 2) BUS ESI IDs for which a demand value is measured, but the value is not sent to ERCOT, per Protocols Section 10.3.3.1. ESI IDs that receive service at transmission voltage (> 60 kV) shall be assigned the IDRRQ segment.	Protocols Section 10.3.3.1
NODPV	Denotes a Non-Demand Profile Segment for Premises with photovoltaic generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
NODWD	Denotes a Non-Demand Profile Segment for Premises with wind generation, applicable to ESI IDs that meet the criteria on the DG tab.	Segment Assignment tab
Non-Metered (NM)	Profile Group designation for ESI IDs served within a rate class specifically for non-metered loads, e.g., Street Lights and Traffic Signals. Assignment of NM is not valid for any load that is metered.	
Number of Days in the Meter Read Period	The Number of Days in the Meter Read Period is defined as the Meter Read Stop Date minus the Meter Read Start Date. For example, if a meter was read on August 1st and again on August 31st, the Number of Days in the Meter Read Period is 30. In another example, if a meter was read on June 12th and the next read occurred on July 13th, the Number of Days in the Meter Read Period is 31.	
NWS	Non-Weather Sensitive designation of the Weather Sensitivity Code.	
OGFDG	Denotes an Oil and Gas Flat Profile Segment for Premises with Distributed Generation other than PV or wind, applicable to ESI IDs that meet the criteria on the DG tab and the Oil & Gas tab.	DG tab
OGFLT	Denotes a Profile Segment of Oil and Gas Flat, applicable to ESI IDs that meet the criteria on the Oil & Gas tab.	Oil & Gas tab
OGFPV	Denotes a Profile Segment with photovoltaic generation, applicable to ESI IDs that meet the criteria on the DG tab	Segment Assignment tab
OGFWD	Denotes a Profile Segment for Premises with wind generation, applicable to ESI IDs that meet the criteria on the DG tab	Segment Assignment tab
RESHIWR kWh$_p$	Denotes the sum of the kWh interval values for the RESHIWR backcasted profiles of a specific weather zone for the specific days in the Meter Reading Period p.	Segment Assignment tab
RESHIWR Year Use	Denotes the sum of the RESHIWR kWh$_p$ for a specific weather zone for each year value of an ESI ID.	Segment Assignment tab
Residential (RES)	Profile Group designation for ESI IDs served within a residential rate class.	
RESLOWR kWh$_p$	Denotes the sum of the kWh interval values for the RESLOWR backcasted profiles for a specific weather zone for the specific days in the Meter Reading Period p.	Segment Assignment tab
RESLOWR Year Use	Denotes the sum of the RESLOWR kWh$_p$ for a specific weather zone for each year value of an ESI ID.	Segment Assignment tab
Rounding	The following applies to all numbers that are to be rounded to two decimal places. If the digit in the thousandth's place of a number is four or less, all digits to the right of the hundredth's place are dropped and the digit in the hundredth's place does not change. For example, rounding 1.574 to the nearest hundredth's place would yield 1.57. If the digit in the thousandth's place is five through nine, all digits to the right of the hundredth's place are dropped and the remaining number is increased by 0.01. The number 1.235 rounded to the hundredth's place is 1.24. Some more examples: original number / rounded number: 1.77743 → 1.78; 1.024 → 1.02; 1.232 → 1.23; 1.57482 → 1.57; 1.379 → 1.38 original number / rounded number: 1.320 → 1.32; 1.1557 → 1.16; 1.999 → 2.00; 1.6449 → 1.64; 1.2583 → 1.26	
S RESHIWR kWh$_p$	Scaled RESHIWR kWh$_P$ calculated by multiplying RESHIWR kWh$_P$ by the ESI ID Year Use and dividing by the RESHIWR Year Use.	Segment Assignment tab
S RESLOWR kWh$_p$	Scaled RESLOWR kWh$_P$ calculated by multiplying RESLOWR kWh$_P$ by the ESI ID Year Use and dividing by the RESLOWR Year Use.	Segment Assignment tab
Season	Refers to the classification of Shoulder or Winter for each meter reading within the Usage Time Period of each ESI ID.	
Shoulder	Refers to a meter read which falls between September 21 and November 15 inclusive or between March 15 and May 10 inclusive.	
Usage Month	Each Usage Month corresponds with a calendar month and is a combination of one or more Usage Periods for the purpose of applying usage and demand values in a consistent manner.	
Usage Period	The time period that data from a meter read encompasses. The Usage Period covers the Usage Period Start Time through the Usage Period Stop Time.	
Usage Period Start Time	A Usage Period begins at 00:00:00 (midnight) of the Meter Read Start Date. This convention helps to facilitate a smooth transfer of ESI ID 'ownership' between CRs, should a transfer occur (a transfer of ownership takes effect at 00:00:00).	
Usage Period Stop Time	A Usage Period ends at 23:59:59 on the **DAY BEFORE** the Meter Read Stop Date.	
Usage Time Period	Refers to a specific set of Meter Read Periods used to determine Residential Profile ID assignments.	
WS	Weather Sensitive designation of the Weather Sensitivity Code. (calculated by ERCOT)	Protocols Section 11.4.3.1
Winter	Refers to a meter read which falls between November 16 and March 14 inclusive.	
Winter Max ADUse$_p$	For the ESI ID's entire Usage Time Period, identify the highest ADUse$_p$ of all meter readings classified as a Winter season.	

Steps for Assigning a Profile Segment

Overview:

After determining the appropriate Profile Group (NM, RES, or BUS) the next step is to determine the correct Profile Segment, per the instructions below. For any value that is to be rounded, follow the Rounding instructions on the Definitions tab. Information on the terms below can be found on the Definitions tab and the Usage Month Methodology tab.

I. Non-Metered (NM)

A. Assign the LIGHT Profile Segment for all Non-Metered lighting load, e.g., street lights.

B. Assign the FLAT Profile Segment for all Non-Metered load that is not identified as lighting, e.g., traffic signals.

II. Residential (RES)

Usage Time Period: The four-year period ending May 31 of the current calendar year (inclusive)

For each ESI ID, step through 'A' and then 'B' or 'C' below as appropriate to determine the applicable Profile Segment. Then follow the instructions in 'D' below for ESI IDs that have Distributed Generation (per the DG tab).

A. Assign the default Profile Segment for the initial assignment of all new Residential ESI IDs as directed below. Please refer to the Load Profiling Guide for Opt-In and transition assignments.

If Weather Zone = COAST or if Weather Zone = FWEST then
assign LOWR
else assign HIWR.

COAST default = LOWR	NORTH default = HIWR
EAST default = HIWR	SCENT default = HIWR
FWEST default = LOWR	SOUTH default = HIWR
NCENT default = HIWR	WEST default = HIWR

B. For Annual Validation, assign the applicable Profile Segment for each ESI ID based on the steps below. Because the steps below are not mutually exclusive, it is necessary to step through each of the following in the order listed, for each ESI ID, until an applicable case is found. Once an applicable case has been found follow the instructions below in Section C. Distributed Generation Profile Segment determination.

1. For each RES ESI ID, identify all usage data for which the entire meter read period falls between Sep 20 and May 10 (inclusive) for the various years of the Usage Time Period and spans no longer than 44 days. Use the resulting data from this step in the subsequent steps.

Note: Step 1 allows for only the Winter and Shoulder meter reads to be included in the subsequent steps to determine the Segment assignment. Meter reads are to be classified as Winter or Shoulder reads in step 2.

2. For each meter read usage value determine if the read is a Winter or a Shoulder season for each RES ESI ID.

If start date ≥ Dec 01 or stop date ≤ Mar 01 then season = Winter
else if start date ≥ Sept 20 and stop date ≤ Dec 01 then
season = Shoulder
else if start date ≥ Mar 01 and stop date ≤ May 11 then
season = Shoulder
othewise calculate shoulder percent as follows:
if the read spans Dec 01 then
shoulder_percent = (Dec 01 - start date) / (stop date - start date)
if the read spans Mar 01 then
shoulder_percent = (Mar 01 - start date) / (stop date - start date)
if shoulder_percent >= 0.6 then season = Shoulder
if shoulder_percent <= 0.4 then season = Winter
if a meter read has not been classified by season above then disregard the read

3. Calculate Average Daily Use for the meter read period ($ADUse_p$) and assign a year value for each reading for each ESI ID.

$$ADUse_p = \left(\frac{kWh_p}{Days_p} \right)$$

Let
yy = July 1st of current year
yy-1 = July 1st of last year
yy-2 = July 1st of two years ago

yy-3 = July 1st of three years ago

If stop date < yy-3 then
year value = 1
else if stop date < yy-2 then
year value = 2
else if stop date < yy-1 then
year value = 3
else year value = 4

4. Calculate the mean and standard deviation (stdev) of the Average Daily Use ($ADUse_p$) for each ESI ID. If stdev > 0 then create a normalized $ADUse_p$ ($NADUse_p$), use the $NADUse_p$ to identify outliers and set their reading usage values and $ADUse_p$ to null.

$$NADUse_p = \left(\frac{ADUse_p - \overline{ADUse}}{stdev} \right)$$

where $$\overline{ADUse} = \left(\frac{\sum_{p=1}^{n} ADUse_p}{n} \right)$$

$$stdev = \sqrt{\frac{\sum_{p=1}^{n} \left(ADUse_p - \overline{ADUse} \right)^2}{n-1}}$$

and n = number of meter readings for the ESI ID

If $NADUse_p$ > 3.5 or
if $NADUse_p$ > 3 and $ADUse_p$ >100 or
if $NADUse_p$ < -2 or
if $NADUse_p$ < 5 then
kWh_p = null
$ADUse_p$ = null
else $kWh_p = kWh_p$
$ADUse_p = ADUse_p$

5. Count the number of readings that have a usage value (not null) for each Season and continue with Step 6 for those ESI IDs that have more than two Winter readings and more than two Shoulder readings. For those ESI IDs that do not have sufficient number of readings do not change the current Load Profile Type assignment.

6. For each meter reading time period compute the RESHIWR kWh_p and the RESLOWR kWh_p by summing the kWh interval values separately for the RESHIWR and RESLOWR backcasted profiles (available on the Load Profiling page at www.ercot.com) corresponding to the specific days in meter reading period "p".

7. Compute the ESI ID year use, RESHIWR year use, and RESLOWR year use by summing the kWh_p, RESHIWR kWh_p, and RESLOWR kWh_p respectively for each year value as determined in Step 3 above.

8. For each year value compute a scaled RESHIWR kWh use and a scaled RESLOWR kWh use for each meter reading.

$$S\ RESHIWR\ kWh_p = \frac{RESHIWR\ kWh_p \times ESI\ ID\ year\ use}{RESHIWR\ year\ use}$$

$$S\ RESLOWR\ kWh_p = \frac{RESLOWR\ kWh_p \times ESI\ ID\ year\ use}{RESLOWR\ year\ use}$$

9. Determine the correlation (R^2) to the RESHIWR and RESLOWR profiles for each ESI ID. The correlations are determined with a weighted linear regression analysis.

Each reading is weighted as follows:

If season = Winter
and RESLOWR kWh_p > 0
and RESHIWR kWh_p > RESLOWR kWh_p then
$weight_p = 2(\text{RESHIWR } kWh_p / \text{RESLOWR } kWh_p)$
else $weight_p = 1$

$$R^2 = 1 - (SSE / TSS)$$

where $$SSE = \sum w_i (y_i - B_1 x_i)^2$$

$$TSS = \sum w_i y_i^2$$

$$B_1 = \frac{\sum w_i x_i y_i}{\sum w_i x_i^2}$$

w_i = $weight_p$
y_i = kWh_p
x_i = S RESHIWR kWh_p or S RESLOWR kWh_p

10. Identify the Winter Max $ADUse_p$ for each ESI ID for the entire usage time period.

11. For each ESI ID, assign either HIWR (High Winter Ratio) or LOWR (Low Winter Ratio) based on the results of the previous steps, as follows. Because A thru D below are not mutually exclusive, it is necessary to step through each of the following in the order listed, for each ESI ID, until an applicable case is found. (Please note that the breakpoint values below are subject to change periodically.)

If the ESI ID's Winter Max $ADUse_p$ < 20 kWh/day then assign LOWR
else if the ESI ID's correlation to the RESHIWR profile > 0.60
and the correlation to the RESHIWR profile > correlation to the RESLOWR profile
then assign HIWR
else if the number of readings available > 9
and the correlation to the RESHIWR profile > 0.90
and (the correlation to the RESHIWR profile + 0.009) > the correlation to the RESLOWR
and Winter Max $ADUse_p$ > 53 kWh/day then assign HIWR
else assign LOWR

C. For each ESI ID with a meter data type of IDR, perform the following.

1. Determine a list of ESI IDs that were active on January 1 of the year two years prior to the current year.

2. Calculate two variables for each day on which the ESI ID is active and for which the actual interval data is available for the following months.

January of the current year	February of the current year
January of the previous year	February of the previous year
January from two years ago	February from two years ago

The two variables are:

(a) Daily kWh; and
(b) Average Weather Zone daily dry bulb temperature.

ESI IDs must have at least 90% of the total monthly intervals for all six months to proceed to step 3.

3. Calculate R-square (Pearson Product Moment Coefficient of Determination) values between these two variables, for each of the six months listed above.

4. For each ESI ID, assign the appropriate Profile Segment based on A thru B below.

a. If the existing assignment is LOWR (or a DG variation such as LOPV) then

if the required data were not available to calculate R-square values for *any* of the six months then
do not change assignment;
else if *any three* of the six R-square values is ≥ 0.6 then
assign HIWR;
else do not change assignment.

b. If the existing assignment is HIWR (or a DG variation) then
if the required data were not available to calculate R-square values for *each* of the six months then
do not change assignment;
else if *all* of the six R-square values are ≤ 0.4 then
assign LOWR;
else do not change assignment.

D. Assign a DG Profile Segment as directed by ERCOT, per the DG tab.

1. If the ESI ID has any PV generation then
if segment is determined to be HIWR then assign HIPV;
else if segment is determined to be LOWR then assign LOPV;

2. Else if the ESI ID has wind generation then
if segment is determined to be HIWR then assign HIWD;
else if segment is determined to be LOWR then assign LOWD;

3. Else if the ESI ID has other DG then
if segment is determined to be HIWR then assign HIDG;
else if segment is determined to be LOWR then assign LODG.

III. Business (BUS)

Assignment Year for Average Load Factor calculations: July of the previous calendar year through June of the current calendar year

For each ESI ID, assign the applicable Profile Segment based on the steps below. Because the steps below are not mutually exclusive, it is necessary to step through each of the following in the order listed, for each ESI ID, until an applicable case is found. Once an applicable case has been found follow the instructions in 'E' below for ESI IDs that have Distributed Generation (per the DG tab).

A. Assign the IDRRQ ('IDR required') Profile Segment to all BUS ESI IDs required to have an IDR Meter, per Section 18 of the ERCOT Nodal Protocols.

B. Assign the OGFLT (Oil & Gas Flat) Profile Segment to:
ESI IDs for which ERCOT has informed the TDSP that OGFLT should be assigned per the Oil & Gas tab.

C. Assign the NODEM Profile Segment for:
1. BUS ESI IDs that have a kWh meter, but the meter does not measure and retain a kW value; or

2. BUS ESI IDs for which a demand value is measured but the value is not sent to ERCOT, per Nodal Protocols Section 10.3.3.1. ESI IDs that receive service at transmission voltage (> 60 kV) or are otherwise subject to the IDR requirement shall be assigned the IDRRQ Profile Segment.

D. Determine the Average Load Factor (AvgLF) for ESI IDs that were not assigned a Profile Segment in Steps 1, 2, or 3 above.

1. Determine Usage Month values ($ActiveDays_m$, $kWDays_m$, kWh_m, $MaxkW_m$, and $ADUse_m$) for each ESI ID for the 12 months of the Assignment Year, which is listed near the beginning of Section III.

2. Compute the Average Hourly Usage ($AHUse_m$) for the Usage Months of the Assignment Year.

$$AHUse_m = \left(\frac{kWh_m}{ActiveDays_m \times 24} \right)^*$$

where kWh_m = consumption in kilowatthours in Usage Month m, and
$ActiveDays_m$ = Number of Active Days in Usage Month m.

* Round to two decimal places, per the Rounding instructions on the Definitions tab.

Steps for Assigning a Profile Segment

3. Compute the Average Load Factor (AvgLF) as shown below for the Usage Months of the current Assignment Year. TDSPs that measure kVA at the ESI ID level should reference the 'kVA to kW' tab before proceeding. The Average Load Factor is a weighted average of the individual monthly load factors, where demand levels are used to define the weights (presented in a mathematically equivalent calculation below). $AHUse_m$ and $MaxkW_m$ values are required for each of the 12 months of the current Assignment Year in order to calculate AvgLF.

$$AvgLF = \left[\frac{\left(\sum_{m=1}^{12} AHUse_m \right)^{*}}{\sum_{m=1}^{12} MaxkW_m} \right]^{*}$$

where $AHUse_m$ = Average Hourly Use in Usage Month m as previously defined, and
$MaxkW_m$ = Maximum metered kW Demand in Usage Month m, as defined on the Usage Month methodology tab.

* Round to two decimal places, per the Rounding instructions on the Definitions tab.

4. For each ESI ID, assign the appropriate Profile Segment based on A thru G below . Because A thru G below are not mutually exclusive, it is necessary to step through each of the following in the order listed, for each ESI ID, until an applicable case is found. (Please note that the breakpoint values below are subject to change periodically.)

a. If there is no existing assignment then
- if the required data were not available to calculate the AvgLF** then
  - assign MEDLF;
- else if data were available (e.g., for Opt-in entities) to calculate the AvgLF then
  - if the AvgLF < 0.40 then
    - assign LOLF;
  - else if 0.40 ≤ AvgLF ≤ 0.60 then
    - assign MEDLF;
  - else assign HILF.

b. If the existing assignment is LOLF (or a DG variation, such as LOWD) then
- if the required data were not available to calculate the AvgLF** then
  - do not change assignment from LOLF;
- else if the AvgLF < 0.40 then
  - do not change assignment from LOLF;
- else if 0.40 ≤ AvgLF ≤ 0.60 then
  - assign MEDLF;
- else assign HILF.

c. If the existing assignment is MEDLF (or a DG variation) then
- if the required data were not available to calculate the AvgLF** then
  - do not change assignment from MEDLF;
- else if the AvgLF < 0.40 then
  - assign LOLF;
- else if 0.40 ≤ AvgLF ≤ 0.60 then
  - do not change assignment from MEDLF;
- else assign HILF.

d. If the existing assignment is HILF (or a DG variation) then
- if the required data were not available to calculate the AvgLF** then
  - do not change assignment from HILF;
- else if the AvgLF < 0.40 then
  - assign LOLF;
- else if 0.40 ≤ AvgLF ≤ 0.60 then
  - assign MEDLF;
- else do not change assignment from HILF.

e. If the existing assignment is IDRRQ then
- if the required data were not available to calculate the AvgLF** then
  - assign MEDLF;

else if the AvgLF < 0.40 then
assign LOLF;
else if 0.40 ≤ AvgLF ≤ 0.60 then
assign MEDLF;
else assign HILF.

f. If the existing assignment is NODEM (or a DG variation) then
if the required data were not available to calculate the AvgLF** then
assign MEDLF;
else if the AvgLF < 0.40 then
assign LOLF;
else if 0.40 ≤ AvgLF ≤ 0.60 then
assign MEDLF;
else assign HILF.

g. If the existing assignment is neither LOLF, MEDLF, HILF, IDRRQ, nor NODEM
if the required data were not available to calculate the AvgLF** then
assign MEDLF;
else if the AvgLF < 0.40 then
assign LOLF;
else if 0.40 ≤ AvgLF ≤ 0.60 then
assign MEDLF;
else assign HILF.

** or if the mathematical calculation of the AvgLF is undefined due to a zero (0) in the denominator

E. Assign a DG Profile Segment as directed by ERCOT, per the DG tab.

1. If the ESI ID would otherwise be assigned IDRRQ then
assign IDRRQ;

2. Else if the ESI ID has any PV generation then
if segment is determined to be HILF then assign HIPV;
else if segment is determined to be MEDLF then assign MEDPV;
else if segment is determined to be LOLF then assign LOPV;
else if segment is determined to be NODEM then assign NODPV;
else if segment is determined to be OGFLT then assign OGFPV;

3. Else if the ESI ID has wind generation then
if segment is determined to be HILF then assign HIWD;
else if segment is determined to be MEDLF then assign MEDWD;
else if segment is determined to be LOLF then assign LOWD;
else if segment is determined to be NODEM then assign NODWD;
else if segment is determined to be OGFLT then assign OGFWD;

4. Else if the ESI ID has other DG then
if segment is determined to be HILF then assign HIDG;
else if segment is determined to be MEDLF then assign MEDDG;
else if segment is determined to be LOLF then assign LODG;
else if segment is determined to be NODEM then assign NODDG;
else if segment is determined to be OGFLT then assign OGFDG.

Business Profile Group Usage Month Methodology

Definitions Directly Related to Usage Month

For any value that is to be rounded, please follow the Rounding instructions on the Definitions tab.

1. $ActiveDays_m$

$ActiveDays_m$ denotes the number of days in a particular Usage Month in which the ESI ID received service (please see ESI ID Status for further clarification).

2. $ADUse_m$

$ADUse_m$ denotes the Average Daily Use (in kWh) for a specific Usage Month. This is derived by dividing the Total kWh (kWh_m) in the Usage Month by the Number of Active Days ($ActiveDays_m$) in the same Usage Month and rounding to two decimal places, as shown below.

$$ADUse_m = \left(\frac{kWh_m}{ActiveDays_m} \right)^*$$

where kWh_m = Total energy consumed in kilowatthours in Usage Month m, and
$ActiveDays_m$ = Number of Active Days in Usage Month m.

* Round to two decimal places, per the Rounding instructions on the Definitions tab.

3. $ADUse_p$

$ADUse_p$ denotes the Average Daily Use (in kWh) for a specific Usage Period. This is derived by dividing the Metered Usage (in kWh) for the Usage Period by the Number of Days in the Meter Read Period, and rounding to two decimal places.

4. Assignment Year

Assignment Year refers to a specific set of 12 consecutive Usage Months used to determine Business Profile Segment assignments.

5. Daily Demand

Daily Demand is based on Max Metered Demand (in kW) and represents the kW applied to each day in that period. Please see the kVA to kW tab if demand is measured in kVA.

6. Daily Usage

Daily Usage is based on $ADUse_p$ and represents the kWh used for each day of that period.

7. ESI ID Status

Active -- ESI ID is presently receiving service (energized).
De-Energized -- ESI ID is not currently receiving service, but has not been retired. There should no longer be a Retail Electric Provider (REP) assigned.
Inactive -- ESI ID is retired and will never again receive service.

8. $kWDays_m$

$kWDays_m$ denotes the number of days in a particular Usage Month for which there are Daily Demand values.

9. kWh_m

kWh_m denotes the total energy consumed in kilowatthours in Usage Month m. This is calculated by summing the values for Daily Usage over the entire Usage Month.

10. $MaxkW_m$

$MaxkW_m$ is the weighted average of the kW demand values assigned to the days in the Usage Month, rounded to two decimal places. The values used for Daily Demand should be the Max Metered Demand (kW) that occurred during that Usage Period, rounded to two decimal places. Please see the kVA to kW tab if demand is measured in kVA.

11. Max Metered Demand

The Max Metered Demand is the highest measured 15-minute demand (kW) during a Usage Period, rounded to two decimal places. Please see the kVA to kW tab if demand is measured in kVA.

12. Metered Usage

The Metered Usage is the total electricity consumption (in kWh) measured during a Usage Period.

13. Meter Read Start Date

The Meter Read Start Date for a Usage Period corresponds with the date the meter was actually read. For any given Usage Period the Meter Read Start Date is the prior meter read date, regardless of the time the meter was read. If no prior meter read date exists, the date the account was energized or activated shall be considered the Meter Read Start Date.

14. Meter Read Stop Date

The Meter Read Stop Date for a Usage Period corresponds with the date the meter was actually read. For any given Usage Period the Meter Read Stop Date is the date of the meter read that ends that period, regardless of what time the meter is read.

15. Number of Days in the Meter Read Period

The Number of Days in the Meter Read Period is defined as the Meter Read Stop Date minus the Meter Read Start Date. For example, if a meter was read on August 1st and again on August 31st, the Number of Days in the Meter Read Period is 30. In another example, if a meter was read on June 12th and the next read occurred on July 13th, the Number of Days in the Meter Read Period is 31.

16. Usage Month

Each Usage Month corresponds with a calendar month and is a combination of one or more Usage Periods for the purpose of applying usage and demand values in a consistent manner.

17. Usage Period

Usage Period is the time period that data from a meter read encompasses. The Usage Period covers the Usage Period Start Time through the Usage Period Stop Time.

18. Usage Period Start Time

A Usage Period begins at 00:00:00 (midnight) of the Meter Read Start Date. This is the convention used to facilitate a smooth transfer of 'ownership' between CRs, should a transfer occur (a transfer of ownership takes effect at 00:00:00).

19. Usage Period Stop Time

A Usage Period ends at 23:59:59 on the **DAY BEFORE** the Meter Read Stop Date.

Calculating Usage Month Values

Step 1. Apply a usage value and if applicable, a demand value, to each day for which the ESI ID was Active.

All of the kWh and demand values used in determining Usage Month values should be the values that have already been submitted to ERCOT via 867_03 transactions.

A. Apply a usage value to each day for which the ESI ID was not De-Energized or Inactive[1].

(i). For the periods when an ESI ID is Active, calculate the usage value for each day by dividing the usage (kWh) reported for the meter reading period by the number of days in the period, and round to two decimal places. The result is the Average Daily Use for the period ($ADUse_p$). Assign the $ADUse_p$ to each day in the corresponding Usage Period.

(ii). If an ESI ID was De-Energized, then the $ADUse_p$ values (and demand values, if applicable) for the De-Energized days should be null. A zero (0) value is to be used ONLY for the $ADUse_p$ (and demand values, if applicable) if the ESI ID is Active but the rounded calculated value (or recorded value for demand ESI IDs) is less than 0.005.

(iii). If an ESI ID is inactive, **DO NOT** proceed further with Usage Month calculations.

B. For ESI IDs that have an actual demand value for a specific Usage Period, apply the recorded demand value (kW) to each day in that Usage Period.

C. Usage Month values (kWh_m, $MaxkW_m$, and $ADUse_m$) shall not be calculated and ***shall be considered missing*** for any Usage Month that does not have at least 16 ActiveDays or at least 16 kWDays (where applicable).

Step 2. Determine the Total kWh in the Usage Month (kWh_m).

Determine the Total kWh in the Usage Month (kWh_m) by summing the Daily Usage values in that Usage Month.

Step 3. Determine the Maximum kW in the Usage Month ($MaxkW_m$).

Determine the Maximum kW value for the Usage Month by summing the demand values for each day in that Usage Month and then dividing by the number of days for which there are calculated kW values, and then round to two decimal places.

Step 4. Determine the Average Daily Use ($ADUse_m$) for the Usage Month.

Determine the $ADUse_m$ for the Usage Month by dividing kWh_m by $ActiveDays_m$, and then round to two decimal places.

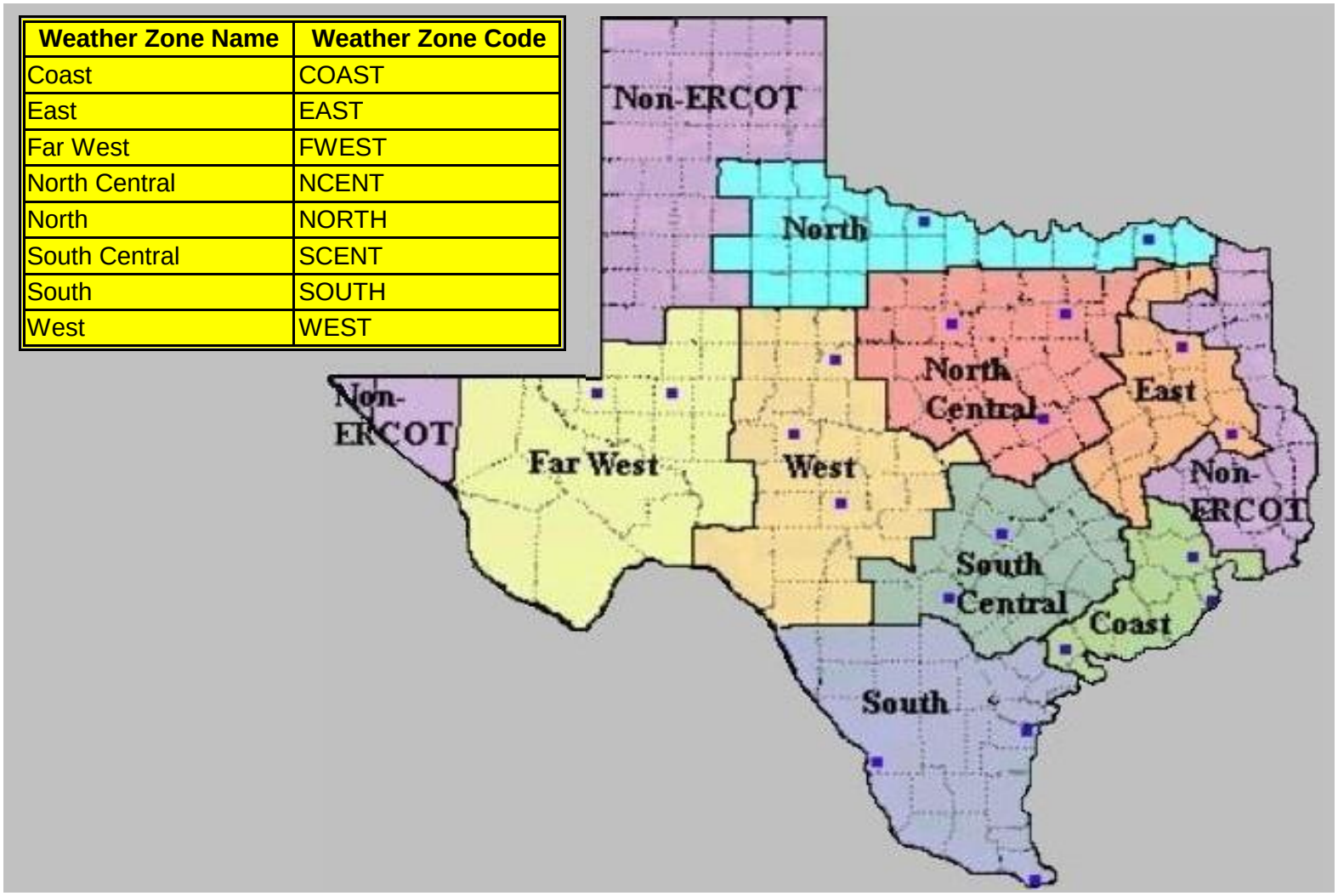
Step 5. Proceed to the Segment Assignment tab.

[1] Inactive is only listed here to help address programming issues.

Questions??

Please contact your ERCOT Account Manager if you have any questions about the Usage Month Methodology.

Weather Zone Name	Weather Zone Code
Coast	COAST
East	EAST
Far West	FWEST
North Central	NCENT
North	NORTH
South Central	SCENT
South	SOUTH
West	WEST



ZIP Code to Weather Zone Table

Following are ZIP Codes that have been identified as having ESI IDs served by ERCOT. At times, the U.S. Postal Service creates new ZIP Codes and/or changes ZIP Code boundaries. Please contact ERCOT (ERCOTLoadProfilingDepartment@ercot.com) if you know of a valid ZIP Code served by ERCOT that is not in the table below.

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1	73301	South Central	SCENT
2	73344	South Central	SCENT
3	75001	North Central	NCENT
4	75002	North Central	NCENT
5	75006	North Central	NCENT
6	75007	North Central	NCENT
7	75008	North Central	NCENT
8	75009	North Central	NCENT
9	75010	North Central	NCENT
10	75011	North Central	NCENT
11	75013	North Central	NCENT
12	75014	North Central	NCENT
13	75015	North Central	NCENT
14	75016	North Central	NCENT
15	75017	North Central	NCENT
16	75019	North Central	NCENT
17	75020	North	NORTH
18	75021	North	NORTH
19	75022	North Central	NCENT
20	75023	North Central	NCENT
21	75024	North Central	NCENT
22	75025	North Central	NCENT
23	75026	North Central	NCENT
24	75027	North Central	NCENT
25	75028	North Central	NCENT
26	75029	North Central	NCENT
27	75030	North Central	NCENT
28	75032	North Central	NCENT
29	75033	North Central	NCENT
30	75034	North Central	NCENT
31	75035	North Central	NCENT
32	75037	North Central	NCENT
33	75038	North Central	NCENT
34	75039	North Central	NCENT
35	75040	North Central	NCENT
36	75041	North Central	NCENT
37	75042	North Central	NCENT
38	75043	North Central	NCENT
39	75044	North Central	NCENT
40	75045	North Central	NCENT
41	75046	North Central	NCENT
42	75047	North Central	NCENT
43	75048	North Central	NCENT
44	75049	North Central	NCENT
45	75050	North Central	NCENT
46	75051	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
47	75052	North Central	NCENT
48	75053	North Central	NCENT
49	75054	North Central	NCENT
50	75056	North Central	NCENT
51	75057	North Central	NCENT
52	75058	North	NORTH
53	75060	North Central	NCENT
54	75061	North Central	NCENT
55	75062	North Central	NCENT
56	75063	North Central	NCENT
57	75065	North Central	NCENT
58	75067	North Central	NCENT
59	75068	North Central	NCENT
60	75069	North Central	NCENT
61	75070	North Central	NCENT
62	75071	North Central	NCENT
63	75074	North Central	NCENT
64	75075	North Central	NCENT
65	75076	North	NORTH
66	75077	North Central	NCENT
67	75078	North Central	NCENT
68	75080	North Central	NCENT
69	75081	North Central	NCENT
70	75082	North Central	NCENT
71	75083	North Central	NCENT
72	75085	North Central	NCENT
73	75086	North Central	NCENT
74	75087	North Central	NCENT
75	75088	North Central	NCENT
76	75089	North Central	NCENT
77	75090	North	NORTH
78	75091	North	NORTH
79	75092	North	NORTH
80	75093	North Central	NCENT
81	75094	North Central	NCENT
82	75097	North Central	NCENT
83	75098	North Central	NCENT
84	75099	North Central	NCENT
85	75101	North Central	NCENT
86	75102	North Central	NCENT
87	75103	East	EAST
88	75104	North Central	NCENT
89	75105	North Central	NCENT
90	75106	North Central	NCENT
91	75109	North Central	NCENT
92	75110	North Central	NCENT
93	75114	North Central	NCENT
94	75115	North Central	NCENT
95	75116	North Central	NCENT
96	75117	East	EAST
97	75118	North Central	NCENT
98	75119	North Central	NCENT
99	75120	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
100	75121	North Central	NCENT
101	75123	North Central	NCENT
102	75124	East	EAST
103	75125	North Central	NCENT
104	75126	North Central	NCENT
105	75127	East	EAST
106	75132	North Central	NCENT
107	75134	North Central	NCENT
108	75135	North Central	NCENT
109	75137	North Central	NCENT
110	75138	North Central	NCENT
111	75140	East	EAST
112	75141	North Central	NCENT
113	75142	North Central	NCENT
114	75143	North Central	NCENT
115	75144	North Central	NCENT
116	75146	North Central	NCENT
117	75147	North Central	NCENT
118	75148	East	EAST
119	75149	North Central	NCENT
120	75150	North Central	NCENT
121	75151	North Central	NCENT
122	75152	North Central	NCENT
123	75153	North Central	NCENT
124	75154	North Central	NCENT
125	75155	North Central	NCENT
126	75156	North Central	NCENT
127	75157	North Central	NCENT
128	75158	North Central	NCENT
129	75159	North Central	NCENT
130	75160	North Central	NCENT
131	75161	North Central	NCENT
132	75163	East	EAST
133	75164	North Central	NCENT
134	75165	North Central	NCENT
135	75166	North Central	NCENT
136	75167	North Central	NCENT
137	75168	North Central	NCENT
138	75169	East	EAST
139	75172	North Central	NCENT
140	75173	North Central	NCENT
141	75180	North Central	NCENT
142	75181	North Central	NCENT
143	75182	North Central	NCENT
144	75185	North Central	NCENT
145	75187	North Central	NCENT
146	75189	North Central	NCENT
147	75201	North Central	NCENT
148	75202	North Central	NCENT
149	75203	North Central	NCENT
150	75204	North Central	NCENT
151	75205	North Central	NCENT
152	75206	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
153	75207	North Central	NCENT
154	75208	North Central	NCENT
155	75209	North Central	NCENT
156	75210	North Central	NCENT
157	75211	North Central	NCENT
158	75212	North Central	NCENT
159	75214	North Central	NCENT
160	75215	North Central	NCENT
161	75216	North Central	NCENT
162	75217	North Central	NCENT
163	75218	North Central	NCENT
164	75219	North Central	NCENT
165	75220	North Central	NCENT
166	75221	North Central	NCENT
167	75222	North Central	NCENT
168	75223	North Central	NCENT
169	75224	North Central	NCENT
170	75225	North Central	NCENT
171	75226	North Central	NCENT
172	75227	North Central	NCENT
173	75228	North Central	NCENT
174	75229	North Central	NCENT
175	75230	North Central	NCENT
176	75231	North Central	NCENT
177	75232	North Central	NCENT
178	75233	North Central	NCENT
179	75234	North Central	NCENT
180	75235	North Central	NCENT
181	75236	North Central	NCENT
182	75237	North Central	NCENT
183	75238	North Central	NCENT
184	75239	North Central	NCENT
185	75240	North Central	NCENT
186	75241	North Central	NCENT
187	75242	North Central	NCENT
188	75243	North Central	NCENT
189	75244	North Central	NCENT
190	75245	North Central	NCENT
191	75246	North Central	NCENT
192	75247	North Central	NCENT
193	75248	North Central	NCENT
194	75249	North Central	NCENT
195	75250	North Central	NCENT
196	75251	North Central	NCENT
197	75252	North Central	NCENT
198	75253	North Central	NCENT
199	75254	North Central	NCENT
200	75258	North Central	NCENT
201	75260	North Central	NCENT
202	75261	North Central	NCENT
203	75262	North Central	NCENT
204	75263	North Central	NCENT
205	75264	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
206	75265	North Central	NCENT
207	75266	North Central	NCENT
208	75267	North Central	NCENT
209	75270	North Central	NCENT
210	75275	North Central	NCENT
211	75277	North Central	NCENT
212	75283	North Central	NCENT
213	75284	North Central	NCENT
214	75285	North Central	NCENT
215	75286	North Central	NCENT
216	75287	North Central	NCENT
217	75295	North Central	NCENT
218	75301	North Central	NCENT
219	75303	North Central	NCENT
220	75310	North Central	NCENT
221	75312	North Central	NCENT
222	75313	North Central	NCENT
223	75315	North Central	NCENT
224	75320	North Central	NCENT
225	75323	North Central	NCENT
226	75326	North Central	NCENT
227	75336	North Central	NCENT
228	75339	North Central	NCENT
229	75342	North Central	NCENT
230	75346	North Central	NCENT
231	75353	North Central	NCENT
232	75354	North Central	NCENT
233	75355	North Central	NCENT
234	75356	North Central	NCENT
235	75357	North Central	NCENT
236	75359	North Central	NCENT
237	75360	North Central	NCENT
238	75363	North Central	NCENT
239	75364	North Central	NCENT
240	75367	North Central	NCENT
241	75368	North Central	NCENT
242	75369	North Central	NCENT
243	75370	North Central	NCENT
244	75371	North Central	NCENT
245	75372	North Central	NCENT
246	75373	North Central	NCENT
247	75374	North Central	NCENT
248	75376	North Central	NCENT
249	75378	North Central	NCENT
250	75379	North Central	NCENT
251	75380	North Central	NCENT
252	75381	North Central	NCENT
253	75382	North Central	NCENT
254	75386	North Central	NCENT
255	75387	North Central	NCENT
256	75388	North Central	NCENT
257	75389	North Central	NCENT
258	75390	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
259	75391	North Central	NCENT
260	75392	North Central	NCENT
261	75393	North Central	NCENT
262	75394	North Central	NCENT
263	75395	North Central	NCENT
264	75396	North Central	NCENT
265	75397	North Central	NCENT
266	75398	North Central	NCENT
267	75401	North Central	NCENT
268	75402	North Central	NCENT
269	75403	North Central	NCENT
270	75404	North Central	NCENT
271	75407	North Central	NCENT
272	75409	North Central	NCENT
273	75411	North	NORTH
274	75412	North	NORTH
275	75413	North	NORTH
276	75414	North	NORTH
277	75415	North Central	NCENT
278	75416	North	NORTH
279	75417	North	NORTH
280	75418	North	NORTH
281	75420	East	EAST
282	75421	North	NORTH
283	75422	North Central	NCENT
284	75423	North Central	NCENT
285	75424	North Central	NCENT
286	75425	North	NORTH
287	75426	North	NORTH
288	75428	North Central	NCENT
289	75429	North Central	NCENT
290	75431	East	EAST
291	75432	North Central	NCENT
292	75433	East	EAST
293	75434	North	NORTH
294	75435	North	NORTH
295	75436	North	NORTH
296	75437	East	EAST
297	75438	North	NORTH
298	75439	North	NORTH
299	75440	East	EAST
300	75441	North Central	NCENT
301	75442	North Central	NCENT
302	75443	North	NORTH
303	75446	North	NORTH
304	75447	North	NORTH
305	75448	North Central	NCENT
306	75449	North	NORTH
307	75450	North Central	NCENT
308	75451	East	EAST
309	75452	North	NORTH
310	75453	North Central	NCENT
311	75454	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
312	75455	East	EAST
313	75456	East	EAST
314	75457	East	EAST
315	75458	North Central	NCENT
316	75459	North	NORTH
317	75460	North	NORTH
318	75461	North	NORTH
319	75462	North	NORTH
320	75468	North	NORTH
321	75469	North Central	NCENT
322	75470	North	NORTH
323	75471	East	EAST
324	75472	East	EAST
325	75473	North	NORTH
326	75474	North Central	NCENT
327	75475	North	NORTH
328	75476	North	NORTH
329	75477	North	NORTH
330	75478	East	EAST
331	75479	North	NORTH
332	75480	East	EAST
333	75481	East	EAST
334	75482	East	EAST
335	75483	East	EAST
336	75485	North Central	NCENT
337	75486	North	NORTH
338	75487	East	EAST
339	75488	North	NORTH
340	75489	North	NORTH
341	75490	North	NORTH
342	75491	North	NORTH
343	75492	North	NORTH
344	75493	East	EAST
345	75495	North	NORTH
346	75496	North Central	NCENT
347	75497	East	EAST
348	75501	North	NORTH
349	75503	North	NORTH
350	75504	North	NORTH
351	75505	North	NORTH
352	75507	North	NORTH
353	75550	North	NORTH
354	75551	East	EAST
355	75554	North	NORTH
356	75555	East	EAST
357	75556	East	EAST
358	75558	East	EAST
359	75559	North	NORTH
360	75560	East	EAST
361	75561	North	NORTH
362	75562	East	EAST
363	75563	East	EAST
364	75564	East	EAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
365	75565	East	EAST
366	75566	East	EAST
367	75567	North	NORTH
368	75568	East	EAST
369	75569	North	NORTH
370	75570	North	NORTH
371	75571	East	EAST
372	75572	East	EAST
373	75573	North	NORTH
374	75574	North	NORTH
375	75599	North	NORTH
376	75630	East	EAST
377	75631	East	EAST
378	75633	East	EAST
379	75636	East	EAST
380	75637	East	EAST
381	75638	East	EAST
382	75639	East	EAST
383	75640	East	EAST
384	75643	East	EAST
385	75644	East	EAST
386	75645	East	EAST
387	75652	East	EAST
388	75653	East	EAST
389	75654	East	EAST
390	75656	East	EAST
391	75657	East	EAST
392	75658	East	EAST
393	75666	East	EAST
394	75667	East	EAST
395	75668	East	EAST
396	75669	East	EAST
397	75680	East	EAST
398	75681	East	EAST
399	75682	East	EAST
400	75683	East	EAST
401	75684	East	EAST
402	75685	East	EAST
403	75686	East	EAST
404	75687	East	EAST
405	75689	East	EAST
406	75691	East	EAST
407	75692	East	EAST
408	75701	East	EAST
409	75702	East	EAST
410	75703	East	EAST
411	75704	East	EAST
412	75705	East	EAST
413	75706	East	EAST
414	75707	East	EAST
415	75708	East	EAST
416	75709	East	EAST
417	75710	East	EAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
418	75711	East	EAST
419	75712	East	EAST
420	75713	East	EAST
421	75750	East	EAST
422	75751	East	EAST
423	75752	East	EAST
424	75754	East	EAST
425	75755	East	EAST
426	75756	East	EAST
427	75757	East	EAST
428	75758	East	EAST
429	75759	East	EAST
430	75760	East	EAST
431	75762	East	EAST
432	75763	East	EAST
433	75764	East	EAST
434	75766	East	EAST
435	75770	East	EAST
436	75771	East	EAST
437	75772	East	EAST
438	75773	East	EAST
439	75778	East	EAST
440	75779	East	EAST
441	75780	East	EAST
442	75782	East	EAST
443	75783	East	EAST
444	75784	East	EAST
445	75785	East	EAST
446	75788	East	EAST
447	75789	East	EAST
448	75790	East	EAST
449	75791	East	EAST
450	75792	East	EAST
451	75797	East	EAST
452	75798	East	EAST
453	75799	East	EAST
454	75801	East	EAST
455	75802	East	EAST
456	75803	East	EAST
457	75831	East	EAST
458	75832	East	EAST
459	75833	East	EAST
460	75834	East	EAST
461	75835	East	EAST
462	75838	East	EAST
463	75839	East	EAST
464	75840	East	EAST
465	75844	East	EAST
466	75845	East	EAST
467	75846	East	EAST
468	75847	East	EAST
469	75848	East	EAST
470	75849	East	EAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
471	75850	East	EAST
472	75851	East	EAST
473	75852	East	EAST
474	75853	East	EAST
475	75855	East	EAST
476	75856	East	EAST
477	75858	East	EAST
478	75859	East	EAST
479	75860	East	EAST
480	75861	East	EAST
481	75862	East	EAST
482	75865	East	EAST
483	75880	East	EAST
484	75882	East	EAST
485	75884	East	EAST
486	75886	East	EAST
487	75901	East	EAST
488	75902	East	EAST
489	75903	East	EAST
490	75904	East	EAST
491	75915	East	EAST
492	75925	East	EAST
493	75926	East	EAST
494	75928	Coast	COAST
495	75930	East	EAST
496	75931	East	EAST
497	75932	Coast	COAST
498	75933	Coast	COAST
499	75934	Coast	COAST
500	75935	East	EAST
501	75936	Coast	COAST
502	75937	East	EAST
503	75938	Coast	COAST
504	75939	Coast	COAST
505	75941	East	EAST
506	75942	Coast	COAST
507	75943	East	EAST
508	75944	East	EAST
509	75946	East	EAST
510	75947	East	EAST
511	75948	East	EAST
512	75949	East	EAST
513	75951	Coast	COAST
514	75954	East	EAST
515	75956	Coast	COAST
516	75958	East	EAST
517	75959	East	EAST
518	75960	Coast	COAST
519	75961	East	EAST
520	75962	East	EAST
521	75963	East	EAST
522	75964	East	EAST
523	75965	East	EAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
524	75966	Coast	COAST
525	75968	East	EAST
526	75969	East	EAST
527	75973	East	EAST
528	75974	East	EAST
529	75975	East	EAST
530	75976	East	EAST
531	75977	Coast	COAST
532	75978	East	EAST
533	75979	Coast	COAST
534	75980	East	EAST
535	75990	Coast	COAST
536	76001	North Central	NCENT
537	76002	North Central	NCENT
538	76003	North Central	NCENT
539	76004	North Central	NCENT
540	76005	North Central	NCENT
541	76006	North Central	NCENT
542	76007	North Central	NCENT
543	76008	North Central	NCENT
544	76009	North Central	NCENT
545	76010	North Central	NCENT
546	76011	North Central	NCENT
547	76012	North Central	NCENT
548	76013	North Central	NCENT
549	76014	North Central	NCENT
550	76015	North Central	NCENT
551	76016	North Central	NCENT
552	76017	North Central	NCENT
553	76018	North Central	NCENT
554	76019	North Central	NCENT
555	76020	North Central	NCENT
556	76021	North Central	NCENT
557	76022	North Central	NCENT
558	76023	North Central	NCENT
559	76028	North Central	NCENT
560	76031	North Central	NCENT
561	76033	North Central	NCENT
562	76034	North Central	NCENT
563	76035	North Central	NCENT
564	76036	North Central	NCENT
565	76039	North Central	NCENT
566	76040	North Central	NCENT
567	76041	North Central	NCENT
568	76043	North Central	NCENT
569	76044	North Central	NCENT
570	76048	North Central	NCENT
571	76049	North Central	NCENT
572	76050	North Central	NCENT
573	76051	North Central	NCENT
574	76052	North Central	NCENT
575	76053	North Central	NCENT
576	76054	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
577	76055	North Central	NCENT
578	76058	North Central	NCENT
579	76059	North Central	NCENT
580	76060	North Central	NCENT
581	76061	North Central	NCENT
582	76063	North Central	NCENT
583	76064	North Central	NCENT
584	76065	North Central	NCENT
585	76066	North Central	NCENT
586	76067	North Central	NCENT
587	76068	North Central	NCENT
588	76070	North Central	NCENT
589	76071	North Central	NCENT
590	76073	North Central	NCENT
591	76077	North Central	NCENT
592	76078	North Central	NCENT
593	76082	North Central	NCENT
594	76084	North Central	NCENT
595	76085	North Central	NCENT
596	76086	North Central	NCENT
597	76087	North Central	NCENT
598	76088	North Central	NCENT
599	76092	North Central	NCENT
600	76093	North Central	NCENT
601	76094	North Central	NCENT
602	76095	North Central	NCENT
603	76096	North Central	NCENT
604	76097	North Central	NCENT
605	76098	North Central	NCENT
606	76099	North Central	NCENT
607	76101	North Central	NCENT
608	76102	North Central	NCENT
609	76103	North Central	NCENT
610	76104	North Central	NCENT
611	76105	North Central	NCENT
612	76106	North Central	NCENT
613	76107	North Central	NCENT
614	76108	North Central	NCENT
615	76109	North Central	NCENT
616	76110	North Central	NCENT
617	76111	North Central	NCENT
618	76112	North Central	NCENT
619	76113	North Central	NCENT
620	76114	North Central	NCENT
621	76115	North Central	NCENT
622	76116	North Central	NCENT
623	76117	North Central	NCENT
624	76118	North Central	NCENT
625	76119	North Central	NCENT
626	76120	North Central	NCENT
627	76121	North Central	NCENT
628	76122	North Central	NCENT
629	76123	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
630	76124	North Central	NCENT
631	76126	North Central	NCENT
632	76127	North Central	NCENT
633	76129	North Central	NCENT
634	76130	North Central	NCENT
635	76131	North Central	NCENT
636	76132	North Central	NCENT
637	76133	North Central	NCENT
638	76134	North Central	NCENT
639	76135	North Central	NCENT
640	76136	North Central	NCENT
641	76137	North Central	NCENT
642	76140	North Central	NCENT
643	76147	North Central	NCENT
644	76148	North Central	NCENT
645	76150	North Central	NCENT
646	76155	North Central	NCENT
647	76161	North Central	NCENT
648	76162	North Central	NCENT
649	76163	North Central	NCENT
650	76164	North Central	NCENT
651	76177	North Central	NCENT
652	76178	North Central	NCENT
653	76179	North Central	NCENT
654	76180	North Central	NCENT
655	76181	North Central	NCENT
656	76182	North Central	NCENT
657	76185	North Central	NCENT
658	76191	North Central	NCENT
659	76192	North Central	NCENT
660	76193	North Central	NCENT
661	76195	North Central	NCENT
662	76196	North Central	NCENT
663	76197	North Central	NCENT
664	76198	North Central	NCENT
665	76199	North Central	NCENT
666	76201	North Central	NCENT
667	76202	North Central	NCENT
668	76203	North Central	NCENT
669	76204	North Central	NCENT
670	76205	North Central	NCENT
671	76206	North Central	NCENT
672	76207	North Central	NCENT
673	76208	North Central	NCENT
674	76209	North Central	NCENT
675	76210	North Central	NCENT
676	76225	North Central	NCENT
677	76226	North Central	NCENT
678	76227	North Central	NCENT
679	76228	North	NORTH
680	76230	North	NORTH
681	76233	North	NORTH
682	76234	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
683	76238	North	NORTH
684	76239	North	NORTH
685	76240	North	NORTH
686	76241	North	NORTH
687	76244	North Central	NCENT
688	76245	North	NORTH
689	76246	North Central	NCENT
690	76247	North Central	NCENT
691	76248	North Central	NCENT
692	76249	North Central	NCENT
693	76250	North	NORTH
694	76251	North	NORTH
695	76252	North	NORTH
696	76253	North	NORTH
697	76255	North	NORTH
698	76258	North Central	NCENT
699	76259	North Central	NCENT
700	76261	North	NORTH
701	76262	North Central	NCENT
702	76263	North	NORTH
703	76264	North	NORTH
704	76265	North	NORTH
705	76266	North Central	NCENT
706	76267	North Central	NCENT
707	76268	North	NORTH
708	76270	North	NORTH
709	76271	North	NORTH
710	76272	North	NORTH
711	76273	North	NORTH
712	76299	North Central	NCENT
713	76301	North	NORTH
714	76302	North	NORTH
715	76305	North	NORTH
716	76306	North	NORTH
717	76307	North	NORTH
718	76308	North	NORTH
719	76309	North	NORTH
720	76310	North	NORTH
721	76311	North	NORTH
722	76351	North	NORTH
723	76352	North	NORTH
724	76354	North	NORTH
725	76357	North	NORTH
726	76360	North	NORTH
727	76363	North	NORTH
728	76364	North	NORTH
729	76365	North	NORTH
730	76366	North	NORTH
731	76367	North	NORTH
732	76369	North	NORTH
733	76370	North	NORTH
734	76371	North	NORTH
735	76372	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
736	76373	North	NORTH
737	76374	North Central	NCENT
738	76377	North	NORTH
739	76379	North	NORTH
740	76380	North	NORTH
741	76384	North	NORTH
742	76385	North	NORTH
743	76388	North	NORTH
744	76389	North	NORTH
745	76401	North Central	NCENT
746	76402	North Central	NCENT
747	76424	North Central	NCENT
748	76426	North Central	NCENT
749	76427	North Central	NCENT
750	76429	North Central	NCENT
751	76430	North Central	NCENT
752	76431	North Central	NCENT
753	76432	North Central	NCENT
754	76433	North Central	NCENT
755	76435	North Central	NCENT
756	76436	North Central	NCENT
757	76437	North Central	NCENT
758	76439	North Central	NCENT
759	76442	North Central	NCENT
760	76443	North Central	NCENT
761	76444	North Central	NCENT
762	76445	North Central	NCENT
763	76446	North Central	NCENT
764	76448	North Central	NCENT
765	76449	North Central	NCENT
766	76450	North Central	NCENT
767	76452	North Central	NCENT
768	76453	North Central	NCENT
769	76454	North Central	NCENT
770	76455	North Central	NCENT
771	76457	North Central	NCENT
772	76458	North Central	NCENT
773	76459	North Central	NCENT
774	76460	North Central	NCENT
775	76461	North Central	NCENT
776	76462	North Central	NCENT
777	76463	North Central	NCENT
778	76464	North Central	NCENT
779	76465	North Central	NCENT
780	76466	North Central	NCENT
781	76467	North Central	NCENT
782	76468	North Central	NCENT
783	76469	North Central	NCENT
784	76470	North Central	NCENT
785	76471	North Central	NCENT
786	76472	North Central	NCENT
787	76474	North Central	NCENT
788	76475	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
789	76476	North Central	NCENT
790	76481	North Central	NCENT
791	76483	North Central	NCENT
792	76484	North Central	NCENT
793	76485	North Central	NCENT
794	76486	North Central	NCENT
795	76487	North Central	NCENT
796	76490	North Central	NCENT
797	76491	North Central	NCENT
798	76501	North Central	NCENT
799	76502	North Central	NCENT
800	76503	North Central	NCENT
801	76504	North Central	NCENT
802	76505	North Central	NCENT
803	76508	North Central	NCENT
804	76511	North Central	NCENT
805	76513	North Central	NCENT
806	76518	South Central	SCENT
807	76519	South Central	SCENT
808	76520	South Central	SCENT
809	76522	North Central	NCENT
810	76523	South Central	SCENT
811	76524	North Central	NCENT
812	76525	North Central	NCENT
813	76526	North Central	NCENT
814	76527	South Central	SCENT
815	76528	North Central	NCENT
816	76530	South Central	SCENT
817	76531	North Central	NCENT
818	76533	North Central	NCENT
819	76534	North Central	NCENT
820	76537	South Central	SCENT
821	76538	North Central	NCENT
822	76539	West	WEST
823	76540	North Central	NCENT
824	76541	North Central	NCENT
825	76542	North Central	NCENT
826	76543	North Central	NCENT
827	76544	North Central	NCENT
828	76545	North Central	NCENT
829	76546	North Central	NCENT
830	76547	North Central	NCENT
831	76548	North Central	NCENT
832	76549	North Central	NCENT
833	76550	West	WEST
834	76554	North Central	NCENT
835	76555	South Central	SCENT
836	76556	South Central	SCENT
837	76557	North Central	NCENT
838	76558	North Central	NCENT
839	76559	North Central	NCENT
840	76561	North Central	NCENT
841	76564	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
842	76565	North Central	NCENT
843	76566	North Central	NCENT
844	76567	South Central	SCENT
845	76569	North Central	NCENT
846	76570	North Central	NCENT
847	76571	North Central	NCENT
848	76573	South Central	SCENT
849	76574	South Central	SCENT
850	76577	South Central	SCENT
851	76578	South Central	SCENT
852	76579	North Central	NCENT
853	76596	North Central	NCENT
854	76597	North Central	NCENT
855	76598	North Central	NCENT
856	76599	North Central	NCENT
857	76621	North Central	NCENT
858	76622	North Central	NCENT
859	76623	North Central	NCENT
860	76624	North Central	NCENT
861	76626	North Central	NCENT
862	76627	North Central	NCENT
863	76628	North Central	NCENT
864	76629	East	EAST
865	76630	North Central	NCENT
866	76631	North Central	NCENT
867	76632	North Central	NCENT
868	76633	North Central	NCENT
869	76634	North Central	NCENT
870	76635	North Central	NCENT
871	76636	North Central	NCENT
872	76637	North Central	NCENT
873	76638	North Central	NCENT
874	76639	North Central	NCENT
875	76640	North Central	NCENT
876	76641	North Central	NCENT
877	76642	North Central	NCENT
878	76643	North Central	NCENT
879	76644	North Central	NCENT
880	76645	North Central	NCENT
881	76648	North Central	NCENT
882	76649	North Central	NCENT
883	76650	North Central	NCENT
884	76651	North Central	NCENT
885	76652	North Central	NCENT
886	76653	North Central	NCENT
887	76654	North Central	NCENT
888	76655	North Central	NCENT
889	76656	North Central	NCENT
890	76657	North Central	NCENT
891	76660	North Central	NCENT
892	76661	North Central	NCENT
893	76664	North Central	NCENT
894	76665	North Central	NCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
895	76666	North Central	NCENT
896	76667	North Central	NCENT
897	76670	North Central	NCENT
898	76671	North Central	NCENT
899	76673	North Central	NCENT
900	76675	North Central	NCENT
901	76676	North Central	NCENT
902	76677	North Central	NCENT
903	76678	North Central	NCENT
904	76679	North Central	NCENT
905	76680	North Central	NCENT
906	76681	North Central	NCENT
907	76682	North Central	NCENT
908	76684	North Central	NCENT
909	76685	North Central	NCENT
910	76686	North Central	NCENT
911	76687	North Central	NCENT
912	76689	North Central	NCENT
913	76690	North Central	NCENT
914	76691	North Central	NCENT
915	76692	North Central	NCENT
916	76693	East	EAST
917	76701	North Central	NCENT
918	76702	North Central	NCENT
919	76703	North Central	NCENT
920	76704	North Central	NCENT
921	76705	North Central	NCENT
922	76706	North Central	NCENT
923	76707	North Central	NCENT
924	76708	North Central	NCENT
925	76710	North Central	NCENT
926	76711	North Central	NCENT
927	76712	North Central	NCENT
928	76714	North Central	NCENT
929	76715	North Central	NCENT
930	76716	North Central	NCENT
931	76795	North Central	NCENT
932	76797	North Central	NCENT
933	76798	North Central	NCENT
934	76799	North Central	NCENT
935	76801	North Central	NCENT
936	76802	North Central	NCENT
937	76803	North Central	NCENT
938	76804	North Central	NCENT
939	76820	West	WEST
940	76821	West	WEST
941	76823	North Central	NCENT
942	76824	West	WEST
943	76825	West	WEST
944	76827	North Central	NCENT
945	76828	West	WEST
946	76831	West	WEST
947	76832	West	WEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
948	76834	West	WEST
949	76836	West	WEST
950	76837	West	WEST
951	76841	West	WEST
952	76842	West	WEST
953	76844	North Central	NCENT
954	76845	West	WEST
955	76848	West	WEST
956	76849	West	WEST
957	76852	West	WEST
958	76853	West	WEST
959	76854	West	WEST
960	76855	West	WEST
961	76856	West	WEST
962	76857	North Central	NCENT
963	76858	West	WEST
964	76859	West	WEST
965	76861	West	WEST
966	76862	West	WEST
967	76864	North Central	NCENT
968	76865	West	WEST
969	76866	West	WEST
970	76867	West	WEST
971	76869	West	WEST
972	76870	North Central	NCENT
973	76871	West	WEST
974	76872	West	WEST
975	76873	West	WEST
976	76874	West	WEST
977	76875	West	WEST
978	76877	West	WEST
979	76878	West	WEST
980	76880	North Central	NCENT
981	76882	West	WEST
982	76883	West	WEST
983	76884	West	WEST
984	76885	West	WEST
985	76886	West	WEST
986	76887	West	WEST
987	76888	West	WEST
988	76890	North Central	NCENT
989	76901	West	WEST
990	76902	West	WEST
991	76903	West	WEST
992	76904	West	WEST
993	76905	West	WEST
994	76906	West	WEST
995	76908	West	WEST
996	76909	West	WEST
997	76930	West	WEST
998	76932	Far West	FWEST
999	76933	West	WEST
1000	76934	West	WEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1001	76935	West	WEST
1002	76936	West	WEST
1003	76937	West	WEST
1004	76939	West	WEST
1005	76940	West	WEST
1006	76941	West	WEST
1007	76943	Far West	FWEST
1008	76945	West	WEST
1009	76949	West	WEST
1010	76950	West	WEST
1011	76951	West	WEST
1012	76953	West	WEST
1013	76955	West	WEST
1014	76957	West	WEST
1015	76958	West	WEST
1016	77001	Coast	COAST
1017	77002	Coast	COAST
1018	77003	Coast	COAST
1019	77004	Coast	COAST
1020	77005	Coast	COAST
1021	77006	Coast	COAST
1022	77007	Coast	COAST
1023	77008	Coast	COAST
1024	77009	Coast	COAST
1025	77010	Coast	COAST
1026	77011	Coast	COAST
1027	77012	Coast	COAST
1028	77013	Coast	COAST
1029	77014	Coast	COAST
1030	77015	Coast	COAST
1031	77016	Coast	COAST
1032	77017	Coast	COAST
1033	77018	Coast	COAST
1034	77019	Coast	COAST
1035	77020	Coast	COAST
1036	77021	Coast	COAST
1037	77022	Coast	COAST
1038	77023	Coast	COAST
1039	77024	Coast	COAST
1040	77025	Coast	COAST
1041	77026	Coast	COAST
1042	77027	Coast	COAST
1043	77028	Coast	COAST
1044	77029	Coast	COAST
1045	77030	Coast	COAST
1046	77031	Coast	COAST
1047	77032	Coast	COAST
1048	77033	Coast	COAST
1049	77034	Coast	COAST
1050	77035	Coast	COAST
1051	77036	Coast	COAST
1052	77037	Coast	COAST
1053	77038	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1054	77039	Coast	COAST
1055	77040	Coast	COAST
1056	77041	Coast	COAST
1057	77042	Coast	COAST
1058	77043	Coast	COAST
1059	77044	Coast	COAST
1060	77045	Coast	COAST
1061	77046	Coast	COAST
1062	77047	Coast	COAST
1063	77048	Coast	COAST
1064	77049	Coast	COAST
1065	77050	Coast	COAST
1066	77051	Coast	COAST
1067	77052	Coast	COAST
1068	77053	Coast	COAST
1069	77054	Coast	COAST
1070	77055	Coast	COAST
1071	77056	Coast	COAST
1072	77057	Coast	COAST
1073	77058	Coast	COAST
1074	77059	Coast	COAST
1075	77060	Coast	COAST
1076	77061	Coast	COAST
1077	77062	Coast	COAST
1078	77063	Coast	COAST
1079	77064	Coast	COAST
1080	77065	Coast	COAST
1081	77066	Coast	COAST
1082	77067	Coast	COAST
1083	77068	Coast	COAST
1084	77069	Coast	COAST
1085	77070	Coast	COAST
1086	77071	Coast	COAST
1087	77072	Coast	COAST
1088	77073	Coast	COAST
1089	77074	Coast	COAST
1090	77075	Coast	COAST
1091	77076	Coast	COAST
1092	77077	Coast	COAST
1093	77078	Coast	COAST
1094	77079	Coast	COAST
1095	77080	Coast	COAST
1096	77081	Coast	COAST
1097	77082	Coast	COAST
1098	77083	Coast	COAST
1099	77084	Coast	COAST
1100	77085	Coast	COAST
1101	77086	Coast	COAST
1102	77087	Coast	COAST
1103	77088	Coast	COAST
1104	77089	Coast	COAST
1105	77090	Coast	COAST
1106	77091	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1107	77092	Coast	COAST
1108	77093	Coast	COAST
1109	77094	Coast	COAST
1110	77095	Coast	COAST
1111	77096	Coast	COAST
1112	77097	Coast	COAST
1113	77098	Coast	COAST
1114	77099	Coast	COAST
1115	77201	Coast	COAST
1116	77202	Coast	COAST
1117	77203	Coast	COAST
1118	77204	Coast	COAST
1119	77205	Coast	COAST
1120	77206	Coast	COAST
1121	77207	Coast	COAST
1122	77208	Coast	COAST
1123	77209	Coast	COAST
1124	77210	Coast	COAST
1125	77212	Coast	COAST
1126	77213	Coast	COAST
1127	77215	Coast	COAST
1128	77216	Coast	COAST
1129	77217	Coast	COAST
1130	77218	Coast	COAST
1131	77219	Coast	COAST
1132	77220	Coast	COAST
1133	77221	Coast	COAST
1134	77222	Coast	COAST
1135	77223	Coast	COAST
1136	77224	Coast	COAST
1137	77225	Coast	COAST
1138	77226	Coast	COAST
1139	77227	Coast	COAST
1140	77228	Coast	COAST
1141	77229	Coast	COAST
1142	77230	Coast	COAST
1143	77231	Coast	COAST
1144	77233	Coast	COAST
1145	77234	Coast	COAST
1146	77235	Coast	COAST
1147	77236	Coast	COAST
1148	77237	Coast	COAST
1149	77238	Coast	COAST
1150	77240	Coast	COAST
1151	77241	Coast	COAST
1152	77242	Coast	COAST
1153	77243	Coast	COAST
1154	77244	Coast	COAST
1155	77245	Coast	COAST
1156	77248	Coast	COAST
1157	77249	Coast	COAST
1158	77251	Coast	COAST
1159	77252	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1160	77253	Coast	COAST
1161	77254	Coast	COAST
1162	77255	Coast	COAST
1163	77256	Coast	COAST
1164	77257	Coast	COAST
1165	77258	Coast	COAST
1166	77259	Coast	COAST
1167	77261	Coast	COAST
1168	77262	Coast	COAST
1169	77263	Coast	COAST
1170	77265	Coast	COAST
1171	77266	Coast	COAST
1172	77267	Coast	COAST
1173	77268	Coast	COAST
1174	77269	Coast	COAST
1175	77270	Coast	COAST
1176	77271	Coast	COAST
1177	77272	Coast	COAST
1178	77273	Coast	COAST
1179	77274	Coast	COAST
1180	77275	Coast	COAST
1181	77277	Coast	COAST
1182	77279	Coast	COAST
1183	77280	Coast	COAST
1184	77281	Coast	COAST
1185	77282	Coast	COAST
1186	77284	Coast	COAST
1187	77287	Coast	COAST
1188	77288	Coast	COAST
1189	77289	Coast	COAST
1190	77290	Coast	COAST
1191	77291	Coast	COAST
1192	77292	Coast	COAST
1193	77293	Coast	COAST
1194	77297	Coast	COAST
1195	77298	Coast	COAST
1196	77299	Coast	COAST
1197	77301	Coast	COAST
1198	77302	Coast	COAST
1199	77303	Coast	COAST
1200	77304	Coast	COAST
1201	77305	Coast	COAST
1202	77306	Coast	COAST
1203	77315	Coast	COAST
1204	77316	Coast	COAST
1205	77318	Coast	COAST
1206	77325	Coast	COAST
1207	77326	Coast	COAST
1208	77327	Coast	COAST
1209	77328	Coast	COAST
1210	77331	Coast	COAST
1211	77332	Coast	COAST
1212	77333	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1213	77335	Coast	COAST
1214	77336	Coast	COAST
1215	77337	Coast	COAST
1216	77338	Coast	COAST
1217	77339	Coast	COAST
1218	77345	Coast	COAST
1219	77346	Coast	COAST
1220	77347	Coast	COAST
1221	77350	Coast	COAST
1222	77351	Coast	COAST
1223	77353	Coast	COAST
1224	77354	Coast	COAST
1225	77355	Coast	COAST
1226	77356	Coast	COAST
1227	77357	Coast	COAST
1228	77359	Coast	COAST
1229	77360	Coast	COAST
1230	77362	Coast	COAST
1231	77363	East	EAST
1232	77364	Coast	COAST
1233	77365	Coast	COAST
1234	77368	Coast	COAST
1235	77369	Coast	COAST
1236	77371	Coast	COAST
1237	77372	Coast	COAST
1238	77373	Coast	COAST
1239	77374	Coast	COAST
1240	77375	Coast	COAST
1241	77376	Coast	COAST
1242	77377	Coast	COAST
1243	77378	Coast	COAST
1244	77379	Coast	COAST
1245	77380	Coast	COAST
1246	77381	Coast	COAST
1247	77382	Coast	COAST
1248	77383	Coast	COAST
1249	77384	Coast	COAST
1250	77385	Coast	COAST
1251	77386	Coast	COAST
1252	77387	Coast	COAST
1253	77388	Coast	COAST
1254	77389	Coast	COAST
1255	77391	Coast	COAST
1256	77393	Coast	COAST
1257	77396	Coast	COAST
1258	77399	Coast	COAST
1259	77401	Coast	COAST
1260	77402	Coast	COAST
1261	77404	Coast	COAST
1262	77406	Coast	COAST
1263	77407	Coast	COAST
1264	77410	Coast	COAST
1265	77411	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1266	77412	South Central	SCENT
1267	77413	Coast	COAST
1268	77414	Coast	COAST
1269	77415	Coast	COAST
1270	77417	Coast	COAST
1271	77418	Coast	COAST
1272	77419	Coast	COAST
1273	77420	Coast	COAST
1274	77422	Coast	COAST
1275	77423	Coast	COAST
1276	77426	South Central	SCENT
1277	77428	Coast	COAST
1278	77429	Coast	COAST
1279	77430	Coast	COAST
1280	77431	Coast	COAST
1281	77432	Coast	COAST
1282	77433	Coast	COAST
1283	77434	Coast	COAST
1284	77435	Coast	COAST
1285	77436	Coast	COAST
1286	77437	Coast	COAST
1287	77440	Coast	COAST
1288	77441	Coast	COAST
1289	77442	South Central	SCENT
1290	77443	Coast	COAST
1291	77444	Coast	COAST
1292	77445	Coast	COAST
1293	77446	Coast	COAST
1294	77447	Coast	COAST
1295	77448	Coast	COAST
1296	77449	Coast	COAST
1297	77450	Coast	COAST
1298	77451	Coast	COAST
1299	77452	South Central	SCENT
1300	77453	Coast	COAST
1301	77454	Coast	COAST
1302	77455	Coast	COAST
1303	77456	Coast	COAST
1304	77457	Coast	COAST
1305	77458	Coast	COAST
1306	77459	Coast	COAST
1307	77460	South Central	SCENT
1308	77461	Coast	COAST
1309	77462	Coast	COAST
1310	77463	Coast	COAST
1311	77464	Coast	COAST
1312	77465	Coast	COAST
1313	77466	Coast	COAST
1314	77467	Coast	COAST
1315	77468	Coast	COAST
1316	77469	Coast	COAST
1317	77470	South Central	SCENT
1318	77471	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1319	77473	Coast	COAST
1320	77474	Coast	COAST
1321	77475	Coast	COAST
1322	77476	Coast	COAST
1323	77477	Coast	COAST
1324	77478	Coast	COAST
1325	77479	Coast	COAST
1326	77480	Coast	COAST
1327	77481	Coast	COAST
1328	77482	Coast	COAST
1329	77483	Coast	COAST
1330	77484	Coast	COAST
1331	77485	Coast	COAST
1332	77486	Coast	COAST
1333	77487	Coast	COAST
1334	77488	Coast	COAST
1335	77489	Coast	COAST
1336	77491	Coast	COAST
1337	77492	Coast	COAST
1338	77493	Coast	COAST
1339	77494	Coast	COAST
1340	77496	Coast	COAST
1341	77497	Coast	COAST
1342	77498	Coast	COAST
1343	77501	Coast	COAST
1344	77502	Coast	COAST
1345	77503	Coast	COAST
1346	77504	Coast	COAST
1347	77505	Coast	COAST
1348	77506	Coast	COAST
1349	77507	Coast	COAST
1350	77508	Coast	COAST
1351	77510	Coast	COAST
1352	77511	Coast	COAST
1353	77512	Coast	COAST
1354	77514	Coast	COAST
1355	77515	Coast	COAST
1356	77516	Coast	COAST
1357	77517	Coast	COAST
1358	77518	Coast	COAST
1359	77519	Coast	COAST
1360	77520	Coast	COAST
1361	77521	Coast	COAST
1362	77522	Coast	COAST
1363	77523	Coast	COAST
1364	77530	Coast	COAST
1365	77531	Coast	COAST
1366	77532	Coast	COAST
1367	77533	Coast	COAST
1368	77534	Coast	COAST
1369	77535	Coast	COAST
1370	77536	Coast	COAST
1371	77538	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1372	77539	Coast	COAST
1373	77541	Coast	COAST
1374	77542	Coast	COAST
1375	77545	Coast	COAST
1376	77546	Coast	COAST
1377	77547	Coast	COAST
1378	77549	Coast	COAST
1379	77550	Coast	COAST
1380	77551	Coast	COAST
1381	77552	Coast	COAST
1382	77553	Coast	COAST
1383	77554	Coast	COAST
1384	77555	Coast	COAST
1385	77560	Coast	COAST
1386	77561	Coast	COAST
1387	77562	Coast	COAST
1388	77563	Coast	COAST
1389	77564	Coast	COAST
1390	77565	Coast	COAST
1391	77566	Coast	COAST
1392	77568	Coast	COAST
1393	77571	Coast	COAST
1394	77572	Coast	COAST
1395	77573	Coast	COAST
1396	77574	Coast	COAST
1397	77575	Coast	COAST
1398	77577	Coast	COAST
1399	77578	Coast	COAST
1400	77580	Coast	COAST
1401	77581	Coast	COAST
1402	77582	Coast	COAST
1403	77583	Coast	COAST
1404	77584	Coast	COAST
1405	77585	Coast	COAST
1406	77586	Coast	COAST
1407	77587	Coast	COAST
1408	77588	Coast	COAST
1409	77590	Coast	COAST
1410	77591	Coast	COAST
1411	77592	Coast	COAST
1412	77597	Coast	COAST
1413	77598	Coast	COAST
1414	77611	Coast	COAST
1415	77612	Coast	COAST
1416	77613	Coast	COAST
1417	77614	Coast	COAST
1418	77615	Coast	COAST
1419	77616	Coast	COAST
1420	77617	Coast	COAST
1421	77619	Coast	COAST
1422	77622	Coast	COAST
1423	77623	Coast	COAST
1424	77624	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1425	77625	Coast	COAST
1426	77626	Coast	COAST
1427	77627	Coast	COAST
1428	77629	Coast	COAST
1429	77630	Coast	COAST
1430	77631	Coast	COAST
1431	77632	Coast	COAST
1432	77639	Coast	COAST
1433	77640	Coast	COAST
1434	77641	Coast	COAST
1435	77642	Coast	COAST
1436	77643	Coast	COAST
1437	77650	Coast	COAST
1438	77651	Coast	COAST
1439	77655	Coast	COAST
1440	77656	Coast	COAST
1441	77657	Coast	COAST
1442	77659	Coast	COAST
1443	77660	Coast	COAST
1444	77661	Coast	COAST
1445	77662	Coast	COAST
1446	77663	Coast	COAST
1447	77664	Coast	COAST
1448	77665	Coast	COAST
1449	77670	Coast	COAST
1450	77701	Coast	COAST
1451	77702	Coast	COAST
1452	77703	Coast	COAST
1453	77704	Coast	COAST
1454	77705	Coast	COAST
1455	77706	Coast	COAST
1456	77707	Coast	COAST
1457	77708	Coast	COAST
1458	77709	Coast	COAST
1459	77710	Coast	COAST
1460	77713	Coast	COAST
1461	77720	Coast	COAST
1462	77725	Coast	COAST
1463	77726	Coast	COAST
1464	77801	East	EAST
1465	77802	East	EAST
1466	77803	East	EAST
1467	77805	East	EAST
1468	77806	East	EAST
1469	77807	East	EAST
1470	77808	East	EAST
1471	77830	East	EAST
1472	77831	East	EAST
1473	77833	South Central	SCENT
1474	77834	South Central	SCENT
1475	77835	South Central	SCENT
1476	77836	South Central	SCENT
1477	77837	East	EAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1478	77838	South Central	SCENT
1479	77839	South Central	SCENT
1480	77840	East	EAST
1481	77841	East	EAST
1482	77842	East	EAST
1483	77843	East	EAST
1484	77844	East	EAST
1485	77845	East	EAST
1486	77850	East	EAST
1487	77852	South Central	SCENT
1488	77853	South Central	SCENT
1489	77855	East	EAST
1490	77856	East	EAST
1491	77857	South Central	SCENT
1492	77859	East	EAST
1493	77861	East	EAST
1494	77862	East	EAST
1495	77863	South Central	SCENT
1496	77864	East	EAST
1497	77865	East	EAST
1498	77866	East	EAST
1499	77867	East	EAST
1500	77868	East	EAST
1501	77869	East	EAST
1502	77870	East	EAST
1503	77871	East	EAST
1504	77872	East	EAST
1505	77873	East	EAST
1506	77875	East	EAST
1507	77876	East	EAST
1508	77878	South Central	SCENT
1509	77879	South Central	SCENT
1510	77880	South Central	SCENT
1511	77881	East	EAST
1512	77882	East	EAST
1513	77901	Coast	COAST
1514	77902	Coast	COAST
1515	77903	Coast	COAST
1516	77904	Coast	COAST
1517	77905	Coast	COAST
1518	77950	South	SOUTH
1519	77951	Coast	COAST
1520	77954	South Central	SCENT
1521	77957	Coast	COAST
1522	77960	South	SOUTH
1523	77961	Coast	COAST
1524	77962	Coast	COAST
1525	77963	South	SOUTH
1526	77964	South Central	SCENT
1527	77967	South Central	SCENT
1528	77968	Coast	COAST
1529	77969	Coast	COAST
1530	77970	Coast	COAST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1531	77971	Coast	COAST
1532	77973	Coast	COAST
1533	77974	South Central	SCENT
1534	77975	South Central	SCENT
1535	77976	Coast	COAST
1536	77977	Coast	COAST
1537	77978	Coast	COAST
1538	77979	Coast	COAST
1539	77982	Coast	COAST
1540	77983	Coast	COAST
1541	77984	South Central	SCENT
1542	77986	South Central	SCENT
1543	77987	South Central	SCENT
1544	77988	Coast	COAST
1545	77989	South Central	SCENT
1546	77990	South	SOUTH
1547	77991	Coast	COAST
1548	77993	South	SOUTH
1549	77994	South Central	SCENT
1550	77995	South Central	SCENT
1551	78001	South	SOUTH
1552	78002	South Central	SCENT
1553	78003	South Central	SCENT
1554	78004	South Central	SCENT
1555	78005	South	SOUTH
1556	78006	South Central	SCENT
1557	78007	South	SOUTH
1558	78008	South	SOUTH
1559	78009	South Central	SCENT
1560	78010	West	WEST
1561	78011	South	SOUTH
1562	78012	South	SOUTH
1563	78013	South Central	SCENT
1564	78014	South	SOUTH
1565	78015	South Central	SCENT
1566	78016	South Central	SCENT
1567	78017	South	SOUTH
1568	78019	South	SOUTH
1569	78021	South	SOUTH
1570	78022	South	SOUTH
1571	78023	South Central	SCENT
1572	78024	West	WEST
1573	78025	West	WEST
1574	78026	South	SOUTH
1575	78027	South Central	SCENT
1576	78028	West	WEST
1577	78029	West	WEST
1578	78039	South Central	SCENT
1579	78040	South	SOUTH
1580	78041	South	SOUTH
1581	78042	South	SOUTH
1582	78043	South	SOUTH
1583	78044	South	SOUTH

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1584	78045	South	SOUTH
1585	78046	South	SOUTH
1586	78049	South	SOUTH
1587	78050	South	SOUTH
1588	78052	South	SOUTH
1589	78054	South Central	SCENT
1590	78055	South Central	SCENT
1591	78056	South Central	SCENT
1592	78057	South	SOUTH
1593	78058	West	WEST
1594	78059	South Central	SCENT
1595	78060	South	SOUTH
1596	78061	South	SOUTH
1597	78062	South	SOUTH
1598	78063	South Central	SCENT
1599	78064	South	SOUTH
1600	78065	South	SOUTH
1601	78066	South Central	SCENT
1602	78067	South	SOUTH
1603	78069	South Central	SCENT
1604	78070	South Central	SCENT
1605	78071	South	SOUTH
1606	78072	South	SOUTH
1607	78073	South Central	SCENT
1608	78074	South Central	SCENT
1609	78075	South	SOUTH
1610	78076	South	SOUTH
1611	78101	South Central	SCENT
1612	78102	South	SOUTH
1613	78104	South	SOUTH
1614	78107	South	SOUTH
1615	78108	South Central	SCENT
1616	78109	South Central	SCENT
1617	78111	South Central	SCENT
1618	78112	South Central	SCENT
1619	78113	South Central	SOUTH
1620	78114	South Central	SCENT
1621	78115	South Central	SCENT
1622	78116	South Central	SCENT
1623	78117	South Central	SCENT
1624	78118	South Central	SCENT
1625	78119	South Central	SCENT
1626	78121	South Central	SCENT
1627	78122	South Central	SCENT
1628	78123	South Central	SCENT
1629	78124	South Central	SCENT
1630	78125	South	SOUTH
1631	78130	South Central	SCENT
1632	78131	South Central	SCENT
1633	78132	South Central	SCENT
1634	78133	South Central	SCENT
1635	78135	South Central	SCENT
1636	78140	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1637	78141	South Central	SCENT
1638	78142	South	SOUTH
1639	78143	South Central	SCENT
1640	78144	South Central	SCENT
1641	78145	South	SOUTH
1642	78146	South	SOUTH
1643	78147	South Central	SCENT
1644	78148	South Central	SCENT
1645	78150	South Central	SCENT
1646	78151	South Central	SCENT
1647	78152	South Central	SCENT
1648	78154	South Central	SCENT
1649	78155	South Central	SCENT
1650	78156	South Central	SCENT
1651	78159	South Central	SCENT
1652	78160	South Central	SCENT
1653	78161	South Central	SCENT
1654	78162	South	SOUTH
1655	78163	South Central	SCENT
1656	78164	South Central	SCENT
1657	78201	South Central	SCENT
1658	78202	South Central	SCENT
1659	78203	South Central	SCENT
1660	78204	South Central	SCENT
1661	78205	South Central	SCENT
1662	78206	South Central	SCENT
1663	78207	South Central	SCENT
1664	78208	South Central	SCENT
1665	78209	South Central	SCENT
1666	78210	South Central	SCENT
1667	78211	South Central	SCENT
1668	78212	South Central	SCENT
1669	78213	South Central	SCENT
1670	78214	South Central	SCENT
1671	78215	South Central	SCENT
1672	78216	South Central	SCENT
1673	78217	South Central	SCENT
1674	78218	South Central	SCENT
1675	78219	South Central	SCENT
1676	78220	South Central	SCENT
1677	78221	South Central	SCENT
1678	78222	South Central	SCENT
1679	78223	South Central	SCENT
1680	78224	South Central	SCENT
1681	78225	South Central	SCENT
1682	78226	South Central	SCENT
1683	78227	South Central	SCENT
1684	78228	South Central	SCENT
1685	78229	South Central	SCENT
1686	78230	South Central	SCENT
1687	78231	South Central	SCENT
1688	78232	South Central	SCENT
1689	78233	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1690	78234	South Central	SCENT
1691	78235	South Central	SCENT
1692	78236	South Central	SCENT
1693	78237	South Central	SCENT
1694	78238	South Central	SCENT
1695	78239	South Central	SCENT
1696	78240	South Central	SCENT
1697	78241	South Central	SCENT
1698	78242	South Central	SCENT
1699	78243	South Central	SCENT
1700	78244	South Central	SCENT
1701	78245	South Central	SCENT
1702	78246	South Central	SCENT
1703	78247	South Central	SCENT
1704	78248	South Central	SCENT
1705	78249	South Central	SCENT
1706	78250	South Central	SCENT
1707	78251	South Central	SCENT
1708	78252	South Central	SCENT
1709	78253	South Central	SCENT
1710	78254	South Central	SCENT
1711	78255	South Central	SCENT
1712	78256	South Central	SCENT
1713	78257	South Central	SCENT
1714	78258	South Central	SCENT
1715	78259	South Central	SCENT
1716	78260	South Central	SCENT
1717	78261	South Central	SCENT
1718	78262	South Central	SCENT
1719	78263	South Central	SCENT
1720	78264	South Central	SCENT
1721	78265	South Central	SCENT
1722	78266	South Central	SCENT
1723	78268	South Central	SCENT
1724	78269	South Central	SCENT
1725	78270	South Central	SCENT
1726	78275	South Central	SCENT
1727	78278	South Central	SCENT
1728	78279	South Central	SCENT
1729	78280	South Central	SCENT
1730	78283	South Central	SCENT
1731	78284	South Central	SCENT
1732	78285	South Central	SCENT
1733	78286	South Central	SCENT
1734	78287	South Central	SCENT
1735	78288	South Central	SCENT
1736	78289	South Central	SCENT
1737	78291	South Central	SCENT
1738	78292	South Central	SCENT
1739	78293	South Central	SCENT
1740	78294	South Central	SCENT
1741	78295	South Central	SCENT
1742	78296	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1743	78297	South Central	SCENT
1744	78298	South Central	SCENT
1745	78299	South Central	SCENT
1746	78330	South	SOUTH
1747	78332	South	SOUTH
1748	78333	South	SOUTH
1749	78335	South	SOUTH
1750	78336	South	SOUTH
1751	78338	South	SOUTH
1752	78339	South	SOUTH
1753	78340	South	SOUTH
1754	78341	South	SOUTH
1755	78342	South	SOUTH
1756	78343	South	SOUTH
1757	78344	South	SOUTH
1758	78347	South	SOUTH
1759	78349	South	SOUTH
1760	78350	South	SOUTH
1761	78351	South	SOUTH
1762	78352	South	SOUTH
1763	78353	South	SOUTH
1764	78355	South	SOUTH
1765	78357	South	SOUTH
1766	78358	South	SOUTH
1767	78359	South	SOUTH
1768	78360	South	SOUTH
1769	78361	South	SOUTH
1770	78362	South	SOUTH
1771	78363	South	SOUTH
1772	78364	South	SOUTH
1773	78368	South	SOUTH
1774	78369	South	SOUTH
1775	78370	South	SOUTH
1776	78371	South	SOUTH
1777	78372	South	SOUTH
1778	78373	South	SOUTH
1779	78374	South	SOUTH
1780	78375	South	SOUTH
1781	78376	South	SOUTH
1782	78377	South	SOUTH
1783	78379	South	SOUTH
1784	78380	South	SOUTH
1785	78381	South	SOUTH
1786	78382	South	SOUTH
1787	78383	South	SOUTH
1788	78384	South	SOUTH
1789	78385	South	SOUTH
1790	78387	South	SOUTH
1791	78389	South	SOUTH
1792	78390	South	SOUTH
1793	78391	South	SOUTH
1794	78393	South	SOUTH
1795	78401	South	SOUTH

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1796	78402	South	SOUTH
1797	78403	South	SOUTH
1798	78404	South	SOUTH
1799	78405	South	SOUTH
1800	78406	South	SOUTH
1801	78407	South	SOUTH
1802	78408	South	SOUTH
1803	78409	South	SOUTH
1804	78410	South	SOUTH
1805	78411	South	SOUTH
1806	78412	South	SOUTH
1807	78413	South	SOUTH
1808	78414	South	SOUTH
1809	78415	South	SOUTH
1810	78416	South	SOUTH
1811	78417	South	SOUTH
1812	78418	South	SOUTH
1813	78419	South	SOUTH
1814	78426	South	SOUTH
1815	78427	South	SOUTH
1816	78460	South	SOUTH
1817	78461	South	SOUTH
1818	78463	South	SOUTH
1819	78465	South	SOUTH
1820	78466	South	SOUTH
1821	78467	South	SOUTH
1822	78468	South	SOUTH
1823	78469	South	SOUTH
1824	78470	South	SOUTH
1825	78471	South	SOUTH
1826	78472	South	SOUTH
1827	78473	South	SOUTH
1828	78474	South	SOUTH
1829	78475	South	SOUTH
1830	78476	South	SOUTH
1831	78477	South	SOUTH
1832	78478	South	SOUTH
1833	78480	South	SOUTH
1834	78501	South	SOUTH
1835	78502	South	SOUTH
1836	78503	South	SOUTH
1837	78504	South	SOUTH
1838	78505	South	SOUTH
1839	78516	South	SOUTH
1840	78520	South	SOUTH
1841	78521	South	SOUTH
1842	78522	South	SOUTH
1843	78523	South	SOUTH
1844	78526	South	SOUTH
1845	78535	South	SOUTH
1846	78536	South	SOUTH
1847	78537	South	SOUTH
1848	78538	South	SOUTH

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1849	78539	South	SOUTH
1850	78540	South	SOUTH
1851	78541	South	SOUTH
1852	78543	South	SOUTH
1853	78542	South	SOUTH
1854	78545	South	SOUTH
1855	78547	South	SOUTH
1856	78548	South	SOUTH
1857	78549	South	SOUTH
1858	78550	South	SOUTH
1859	78551	South	SOUTH
1860	78552	South	SOUTH
1861	78553	South	SOUTH
1862	78557	South	SOUTH
1863	78558	South	SOUTH
1864	78559	South	SOUTH
1865	78560	South	SOUTH
1866	78561	South	SOUTH
1867	78562	South	SOUTH
1868	78563	South	SOUTH
1869	78564	South	SOUTH
1870	78565	South	SOUTH
1871	78566	South	SOUTH
1872	78567	South	SOUTH
1873	78568	South	SOUTH
1874	78569	South	SOUTH
1875	78570	South	SOUTH
1876	78572	South	SOUTH
1877	78573	South	SOUTH
1878	78574	South	SOUTH
1879	78575	South	SOUTH
1880	78576	South	SOUTH
1881	78577	South	SOUTH
1882	78578	South	SOUTH
1883	78579	South	SOUTH
1884	78580	South	SOUTH
1885	78582	South	SOUTH
1886	78583	South	SOUTH
1887	78584	South	SOUTH
1888	78585	South	SOUTH
1889	78586	South	SOUTH
1890	78588	South	SOUTH
1891	78589	South	SOUTH
1892	78590	South	SOUTH
1893	78591	South	SOUTH
1894	78592	South	SOUTH
1895	78593	South	SOUTH
1896	78594	South	SOUTH
1897	78595	South	SOUTH
1898	78596	South	SOUTH
1899	78597	South	SOUTH
1900	78598	South	SOUTH
1901	78599	South	SOUTH

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1902	78602	South Central	SCENT
1903	78604	South Central	SCENT
1904	78605	South Central	SCENT
1905	78606	South Central	SCENT
1906	78607	West	WEST
1907	78608	South Central	NCENT
1908	78609	West	WEST
1909	78610	South Central	SCENT
1910	78611	South Central	SCENT
1911	78612	South Central	SCENT
1912	78613	South Central	SCENT
1913	78614	South Central	SCENT
1914	78615	South Central	SCENT
1915	78616	South Central	SCENT
1916	78617	South Central	SCENT
1917	78618	West	WEST
1918	78619	South Central	SCENT
1919	78620	South Central	SCENT
1920	78621	South Central	SCENT
1921	78622	South Central	SCENT
1922	78623	South Central	SCENT
1923	78624	West	WEST
1924	78626	South Central	SCENT
1925	78627	South Central	SCENT
1926	78628	South Central	SCENT
1927	78629	South Central	SCENT
1928	78630	South Central	SCENT
1929	78631	West	WEST
1930	78632	South Central	SCENT
1931	78633	South Central	SCENT
1932	78634	South Central	SCENT
1933	78635	South Central	SCENT
1934	78636	South Central	SCENT
1935	78638	South Central	SCENT
1936	78639	West	WEST
1937	78640	South Central	SCENT
1938	78641	South Central	SCENT
1939	78642	South Central	SCENT
1940	78643	West	WEST
1941	78644	South Central	SCENT
1942	78645	South Central	SCENT
1943	78646	South Central	SCENT
1944	78648	South Central	SCENT
1945	78650	South Central	SCENT
1946	78651	South Central	SCENT
1947	78652	South Central	SCENT
1948	78653	South Central	SCENT
1949	78654	South Central	SCENT
1950	78655	South Central	SCENT
1951	78656	South Central	SCENT
1952	78657	South Central	SCENT
1953	78658	South Central	SCENT
1954	78659	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
1955	78660	South Central	SCENT
1956	78661	South Central	SCENT
1957	78662	South Central	SCENT
1958	78663	South Central	SCENT
1959	78664	South Central	SCENT
1960	78665	South Central	SCENT
1961	78667	South Central	SCENT
1962	78669	South Central	SCENT
1963	78670	South Central	SCENT
1964	78671	West	WEST
1965	78672	West	WEST
1966	78673	South Central	SCENT
1967	78674	South Central	SCENT
1968	78675	West	WEST
1969	78676	South Central	SCENT
1970	78677	South Central	SCENT
1971	78680	South Central	SCENT
1972	78681	South Central	SCENT
1973	78682	South Central	SCENT
1974	78683	South Central	SCENT
1975	78691	South Central	SCENT
1976	78701	South Central	SCENT
1977	78702	South Central	SCENT
1978	78703	South Central	SCENT
1979	78704	South Central	SCENT
1980	78705	South Central	SCENT
1981	78708	South Central	SCENT
1982	78709	South Central	SCENT
1983	78710	South Central	SCENT
1984	78711	South Central	SCENT
1985	78712	South Central	SCENT
1986	78713	South Central	SCENT
1987	78714	South Central	SCENT
1988	78715	South Central	SCENT
1989	78716	South Central	SCENT
1990	78717	South Central	SCENT
1991	78718	South Central	SCENT
1992	78719	South Central	SCENT
1993	78720	South Central	SCENT
1994	78721	South Central	SCENT
1995	78722	South Central	SCENT
1996	78723	South Central	SCENT
1997	78724	South Central	SCENT
1998	78725	South Central	SCENT
1999	78726	South Central	SCENT
2000	78727	South Central	SCENT
2001	78728	South Central	SCENT
2002	78729	South Central	SCENT
2003	78730	South Central	SCENT
2004	78731	South Central	SCENT
2005	78732	South Central	SCENT
2006	78733	South Central	SCENT
2007	78734	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2008	78735	South Central	SCENT
2009	78736	South Central	SCENT
2010	78737	South Central	SCENT
2011	78738	South Central	SCENT
2012	78739	South Central	SCENT
2013	78741	South Central	SCENT
2014	78742	South Central	SCENT
2015	78744	South Central	SCENT
2016	78745	South Central	SCENT
2017	78746	South Central	SCENT
2018	78747	South Central	SCENT
2019	78748	South Central	SCENT
2020	78749	South Central	SCENT
2021	78750	South Central	SCENT
2022	78751	South Central	SCENT
2023	78752	South Central	SCENT
2024	78753	South Central	SCENT
2025	78754	South Central	SCENT
2026	78755	South Central	SCENT
2027	78756	South Central	SCENT
2028	78757	South Central	SCENT
2029	78758	South Central	SCENT
2030	78759	South Central	SCENT
2031	78760	South Central	SCENT
2032	78761	South Central	SCENT
2033	78762	South Central	SCENT
2034	78763	South Central	SCENT
2035	78764	South Central	SCENT
2036	78765	South Central	SCENT
2037	78766	South Central	SCENT
2038	78767	South Central	SCENT
2039	78768	South Central	SCENT
2040	78769	South Central	SCENT
2041	78772	South Central	SCENT
2042	78773	South Central	SCENT
2043	78774	South Central	SCENT
2044	78778	South Central	SCENT
2045	78779	South Central	SCENT
2046	78780	South Central	SCENT
2047	78781	South Central	SCENT
2048	78783	South Central	SCENT
2049	78785	South Central	SCENT
2050	78786	South Central	SCENT
2051	78788	South Central	SCENT
2052	78789	South Central	SCENT
2053	78799	South Central	SCENT
2054	78801	West	WEST
2055	78802	West	WEST
2056	78827	South	SOUTH
2057	78828	West	WEST
2058	78829	South	SOUTH
2059	78830	South	SOUTH
2060	78832	West	WEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2061	78833	West	WEST
2062	78834	South	SOUTH
2063	78836	South	SOUTH
2064	78837	West	WEST
2065	78838	West	WEST
2066	78839	South	SOUTH
2067	78840	West	WEST
2068	78841	West	WEST
2069	78842	West	WEST
2070	78843	West	WEST
2071	78847	West	WEST
2072	78850	South Central	SCENT
2073	78851	Far West	FWEST
2074	78852	South	SOUTH
2075	78853	South	SOUTH
2076	78860	South	SOUTH
2077	78861	South Central	SCENT
2078	78870	West	WEST
2079	78871	West	WEST
2080	78872	South	SOUTH
2081	78873	West	WEST
2082	78877	South	SOUTH
2083	78879	West	WEST
2084	78880	West	WEST
2085	78881	West	WEST
2086	78883	South Central	SCENT
2087	78884	West	WEST
2088	78885	South Central	SCENT
2089	78886	South Central	SCENT
2090	78931	South Central	SCENT
2091	78932	South Central	SCENT
2092	78933	South Central	SCENT
2093	78934	South Central	SCENT
2094	78935	South Central	SCENT
2095	78938	South Central	SCENT
2096	78940	South Central	SCENT
2097	78941	South Central	SCENT
2098	78942	South Central	SCENT
2099	78943	South Central	SCENT
2100	78944	South Central	SCENT
2101	78945	South Central	SCENT
2102	78946	South Central	SCENT
2103	78947	South Central	SCENT
2104	78948	South Central	SCENT
2105	78949	South Central	SCENT
2106	78950	South Central	SCENT
2107	78951	South Central	SCENT
2108	78952	South Central	SCENT
2109	78953	South Central	SCENT
2110	78954	South Central	SCENT
2111	78956	South Central	SCENT
2112	78957	South Central	SCENT
2113	78959	South Central	SCENT

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2114	78960	South Central	SCENT
2115	78961	South Central	SCENT
2116	78962	South Central	SCENT
2117	78963	South Central	SCENT
2118	79003	North	NORTH
2119	79011	North	NORTH
2120	79061	North	NORTH
2121	79079	North	NORTH
2122	79096	North	NORTH
2123	79201	North	NORTH
2124	79220	North	NORTH
2125	79223	North	NORTH
2126	79225	North	NORTH
2127	79226	North	NORTH
2128	79227	North	NORTH
2129	79229	North	NORTH
2130	79232	North	NORTH
2131	79233	North	NORTH
2132	79234	North	NORTH
2133	79236	North	NORTH
2134	79237	North	NORTH
2135	79238	North	NORTH
2136	79239	North	NORTH
2137	79240	North	NORTH
2138	79243	North	NORTH
2139	79244	North	NORTH
2140	79245	North	NORTH
2141	79247	North	NORTH
2142	79248	North	NORTH
2143	79252	North	NORTH
2144	79255	North	NORTH
2145	79256	North	NORTH
2146	79257	North	NORTH
2147	79259	North	NORTH
2148	79261	North	NORTH
2149	79322	North	NORTH
2150	79331	Far West	FWEST
2151	79343	North	NORTH
2152	79351	Far West	FWEST
2153	79357	North	NORTH
2154	79370	North	NORTH
2155	79377	Far West	FWEST
2156	79501	West	WEST
2157	79502	North	NORTH
2158	79503	West	WEST
2159	79504	North Central	NCENT
2160	79505	North	NORTH
2161	79506	West	WEST
2162	79508	West	WEST
2163	79510	North Central	NCENT
2164	79511	Far West	FWEST
2165	79512	West	WEST
2166	79516	West	WEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2167	79517	West	WEST
2168	79518	North	NORTH
2169	79519	West	WEST
2170	79520	West	WEST
2171	79521	North	NORTH
2172	79525	West	WEST
2173	79526	West	WEST
2174	79527	West	WEST
2175	79528	North	NORTH
2176	79529	North	NORTH
2177	79530	West	WEST
2178	79532	West	WEST
2179	79533	West	WEST
2180	79534	West	WEST
2181	79535	West	WEST
2182	79536	West	WEST
2183	79537	West	WEST
2184	79538	West	WEST
2185	79539	North	NORTH
2186	79540	North	NORTH
2187	79541	West	WEST
2188	79543	West	WEST
2189	79544	North	NORTH
2190	79545	West	WEST
2191	79546	West	WEST
2192	79547	North	NORTH
2193	79548	North	NORTH
2194	79549	West	WEST
2195	79550	West	WEST
2196	79553	West	WEST
2197	79556	West	WEST
2198	79560	West	WEST
2199	79561	West	WEST
2200	79562	West	WEST
2201	79563	West	WEST
2202	79565	West	WEST
2203	79566	West	WEST
2204	79567	West	WEST
2205	79601	West	WEST
2206	79602	West	WEST
2207	79603	West	WEST
2208	79604	West	WEST
2209	79605	West	WEST
2210	79606	West	WEST
2211	79607	West	WEST
2212	79608	West	WEST
2213	79697	West	WEST
2214	79698	West	WEST
2215	79699	West	WEST
2216	79701	Far West	FWEST
2217	79702	Far West	FWEST
2218	79703	Far West	FWEST
2219	79704	Far West	FWEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2220	79705	Far West	FWEST
2221	79706	Far West	FWEST
2222	79707	Far West	FWEST
2223	79708	Far West	FWEST
2224	79710	Far West	FWEST
2225	79711	Far West	FWEST
2226	79712	Far West	FWEST
2227	79713	Far West	FWEST
2228	79714	Far West	FWEST
2229	79718	Far West	FWEST
2230	79719	Far West	FWEST
2231	79720	Far West	FWEST
2232	79721	Far West	FWEST
2233	79730	Far West	FWEST
2234	79731	Far West	FWEST
2235	79733	Far West	FWEST
2236	79734	Far West	FWEST
2237	79735	Far West	FWEST
2238	79738	Far West	FWEST
2239	79739	Far West	FWEST
2240	79740	Far West	FWEST
2241	79741	Far West	FWEST
2242	79742	Far West	FWEST
2243	79743	Far West	FWEST
2244	79744	Far West	FWEST
2245	79745	Far West	FWEST
2246	79748	Far West	FWEST
2247	79749	Far West	FWEST
2248	79752	Far West	FWEST
2249	79754	Far West	FWEST
2250	79755	Far West	FWEST
2251	79756	Far West	FWEST
2252	79758	Far West	FWEST
2253	79759	Far West	FWEST
2254	79760	Far West	FWEST
2255	79761	Far West	FWEST
2256	79762	Far West	FWEST
2257	79763	Far West	FWEST
2258	79764	Far West	FWEST
2259	79765	Far West	FWEST
2260	79766	Far West	FWEST
2261	79768	Far West	FWEST
2262	79769	Far West	FWEST
2263	79770	Far West	FWEST
2264	79772	Far West	FWEST
2265	79776	Far West	FWEST
2266	79777	Far West	FWEST
2267	79778	Far West	FWEST
2268	79779	Far West	FWEST
2269	79780	Far West	FWEST
2270	79781	Far West	FWEST
2271	79782	Far West	FWEST
2272	79783	Far West	FWEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2273	79785	Far West	FWEST
2274	79786	Far West	FWEST
2275	79788	Far West	FWEST
2276	79789	Far West	FWEST
2277	79821	Far West	FWEST
2278	79830	Far West	FWEST
2279	79831	Far West	FWEST
2280	79832	Far West	FWEST
2281	79834	Far West	FWEST
2282	79835	Far West	FWEST
2283	79836	Far West	FWEST
2284	79837	Far West	FWEST
2285	79838	Far West	FWEST
2286	79839	Far West	FWEST
2287	79842	Far West	FWEST
2288	79843	Far West	FWEST
2289	79845	Far West	FWEST
2290	79846	Far West	FWEST
2291	79847	Far West	FWEST
2292	79848	Far West	FWEST
2293	79849	Far West	FWEST
2294	79851	Far West	FWEST
2295	79852	Far West	FWEST
2296	79853	Far West	FWEST
2297	79854	Far West	FWEST
2298	79855	Far West	FWEST
2299	79901	Far West	FWEST
2300	79902	Far West	FWEST
2301	79903	Far West	FWEST
2302	79904	Far West	FWEST
2303	79905	Far West	FWEST
2304	79906	Far West	FWEST
2305	79907	Far West	FWEST
2306	79908	Far West	FWEST
2307	79910	Far West	FWEST
2308	79911	Far West	FWEST
2309	79912	Far West	FWEST
2310	79913	Far West	FWEST
2311	79914	Far West	FWEST
2312	79915	Far West	FWEST
2313	79916	Far West	FWEST
2314	79917	Far West	FWEST
2315	79918	Far West	FWEST
2316	79920	Far West	FWEST
2317	79922	Far West	FWEST
2318	79923	Far West	FWEST
2319	79924	Far West	FWEST
2320	79925	Far West	FWEST
2321	79926	Far West	FWEST
2322	79927	Far West	FWEST
2323	79928	Far West	FWEST
2324	79929	Far West	FWEST
2325	79930	Far West	FWEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2326	79931	Far West	FWEST
2327	79932	Far West	FWEST
2328	79934	Far West	FWEST
2329	79935	Far West	FWEST
2330	79936	Far West	FWEST
2331	79937	Far West	FWEST
2332	79938	Far West	FWEST
2333	79940	Far West	FWEST
2334	79941	Far West	FWEST
2335	79942	Far West	FWEST
2336	79943	Far West	FWEST
2337	79944	Far West	FWEST
2338	79945	Far West	FWEST
2339	79946	Far West	FWEST
2340	79947	Far West	FWEST
2341	79948	Far West	FWEST
2342	79949	Far West	FWEST
2343	79950	Far West	FWEST
2344	79951	Far West	FWEST
2345	79952	Far West	FWEST
2346	79953	Far West	FWEST
2347	79954	Far West	FWEST
2348	79955	Far West	FWEST
2349	79958	Far West	FWEST
2350	79960	Far West	FWEST
2351	79961	Far West	FWEST
2352	79966	Far West	FWEST
2353	79968	Far West	FWEST
2354	79973	Far West	FWEST
2355	79974	Far West	FWEST
2356	79975	Far West	FWEST
2357	79976	Far West	FWEST
2358	79977	Far West	FWEST
2359	79978	Far West	FWEST
2360	79980	Far West	FWEST
2361	79982	Far West	FWEST
2362	79983	Far West	FWEST
2363	79984	Far West	FWEST
2364	79985	Far West	FWEST
2365	79986	Far West	FWEST
2366	79987	Far West	FWEST
2367	79988	Far West	FWEST
2368	79989	Far West	FWEST
2369	79990	Far West	FWEST
2370	79991	Far West	FWEST
2371	79992	Far West	FWEST
2372	79993	Far West	FWEST
2373	79994	Far West	FWEST
2374	79995	Far West	FWEST
2375	79996	Far West	FWEST
2376	79997	Far West	FWEST
2377	79998	Far West	FWEST
2378	79999	Far West	FWEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2379	88510	Far West	FWEST
2380	88511	Far West	FWEST
2381	88512	Far West	FWEST
2382	88513	Far West	FWEST
2383	88514	Far West	FWEST
2384	88515	Far West	FWEST
2385	88516	Far West	FWEST
2386	88517	Far West	FWEST
2387	88518	Far West	FWEST
2388	88519	Far West	FWEST
2389	88520	Far West	FWEST
2390	88521	Far West	FWEST
2391	88523	Far West	FWEST
2392	88524	Far West	FWEST
2393	88525	Far West	FWEST
2394	88526	Far West	FWEST
2395	88527	Far West	FWEST
2396	88528	Far West	FWEST
2397	88529	Far West	FWEST
2398	88530	Far West	FWEST
2399	88531	Far West	FWEST
2400	88532	Far West	FWEST
2401	88533	Far West	FWEST
2402	88534	Far West	FWEST
2403	88535	Far West	FWEST
2404	88536	Far West	FWEST
2405	88538	Far West	FWEST
2406	88539	Far West	FWEST
2407	88540	Far West	FWEST
2408	88541	Far West	FWEST
2409	88542	Far West	FWEST
2410	88543	Far West	FWEST
2411	88544	Far West	FWEST
2412	88545	Far West	FWEST
2413	88546	Far West	FWEST
2414	88547	Far West	FWEST
2415	88548	Far West	FWEST
2416	88549	Far West	FWEST
2417	88550	Far West	FWEST
2418	88553	Far West	FWEST
2419	88554	Far West	FWEST
2420	88555	Far West	FWEST
2421	88556	Far West	FWEST
2422	88557	Far West	FWEST
2423	88558	Far West	FWEST
2424	88559	Far West	FWEST
2425	88560	Far West	FWEST
2426	88561	Far West	FWEST
2427	88562	Far West	FWEST
2428	88563	Far West	FWEST
2429	88565	Far West	FWEST
2430	88566	Far West	FWEST
2431	88567	Far West	FWEST

Count	Svc. Address ZIP Code	Weather Zone Name	Weather Zone Code
2432	88568	Far West	FWEST
2433	88569	Far West	FWEST
2434	88570	Far West	FWEST
2435	88571	Far West	FWEST
2436	88572	Far West	FWEST
2437	88573	Far West	FWEST
2438	88574	Far West	FWEST
2439	88575	Far West	FWEST
2440	88576	Far West	FWEST
2441	88577	Far West	FWEST
2442	88578	Far West	FWEST
2443	88579	Far West	FWEST
2444	88580	Far West	FWEST
2445	88581	Far West	FWEST
2446	88582	Far West	FWEST
2447	88583	Far West	FWEST
2448	88584	Far West	FWEST
2449	88585	Far West	FWEST
2450	88586	Far West	FWEST
2451	88587	Far West	FWEST
2452	88588	Far West	FWEST
2453	88589	Far West	FWEST
2454	88590	Far West	FWEST
2455	88595	Far West	FWEST

TOU Schedules to be Used in Assigning the Time-Of-Use Schedule Codes

Presently, within every TDSP service area, Time-Of-Use schedules can be developed based on agreement between the TDSP and the requesting Competitive Retailer. The implementation of any new or modified TOU schedules is subject to the ERCOT and Texas SET change control process.

Time-Of-Use Schedule: None

Time-Of-Use Schedule Code NOTOU shall be assigned to all ESI IDs not served under a Time-Of-Use schedule.

Time-Of-Use Schedule: TOUØ1

Time-Of-Use Schedule Code TOUØ1 shall only be assigned to ESI IDs served through a TOU meter programmed to store kWh data exactly as listed in the following schedule:

	June - September		All Other Months	
	Weekday	Weekend	Weekday	Weekend
SuperPeak	-	-	-	-
OnPeak	Noon-8pm	-	-	-
MidPeak	-	-	-	-
OffPeak	All Other Hours		All Hours	

For TOUØ1, July 4th and Labor Day are Holidays and are considered OffPeak.

Note: TOUØ1 is presently offered only in the Oncor Electric Delivery TDSP service area.

Time-Of-Use Schedule: TOUØ2

Time-Of-Use Schedule Code TOUØ2 shall only be assigned to ESI IDs served through a TOU meter programmed to store kWh data exactly as listed in the following schedule:

	December - March		April, October, & November		May & September		June - August	
	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend
SuperPeak		-	-	-	-	-	2pm-8pm	-
OnPeak	-	-	-	-	2pm-8pm	-	10am-2pm, 8pm-10pm	2pm-10pm
MidPeak	6am-Noon, 6pm-10pm	-	-	-	10am-2pm, 8pm-10pm	2pm-10pm	8am-10am, 10pm-Midnight	10am-2pm, 10pm-Midnight
OffPeak	All Other Hours							

Note: TOUØ2 is presently offered only in the Oncor Electric Delivery TDSP service area.

Time-Of-Use Schedule: TOU11

Time-Of-Use Schedule Code TOU11 shall only be assigned to ESI IDs served through a TOU meter programmed to store kWh data exactly as listed in the following schedule:

	May - October		All Other Months	
	Weekday	Weekend	Weekday	Weekend
SuperPeak	-	-	-	-
OnPeak	Noon-8pm	-	-	-
MidPeak	-	-	-	-
OffPeak	All Other Hours		All Hours	

For TOU11, Memorial Day, July 4th and Labor Day are Holidays and are considered OffPeak.

Note: TOU11 is presently offered only in the TNMP TDSP service area.

Time-Of-Use Schedule: TOU12

Time-Of-Use Schedule Code TOU12 shall only be assigned to ESI IDs served through a TOU meter programmed to store kWh data exactly as listed in the following schedule:

	All Months	
	Weekday	Weekend
SuperPeak	-	-
OnPeak	Noon-8pm	-
MidPeak	-	-
OffPeak	All Other Hours	

Note: TOU12 is presently offered only in the TNMP TDSP service area.

Time-Of-Use Schedule: TOU13

Time-Of-Use Schedule Code TOU13 shall only be assigned to ESI IDs served through a TOU meter programmed to store kWh data exactly as listed in the following schedule:

	May - October		All Other Months	
	Weekday	Weekend	Weekday	Weekend
SuperPeak	-	-	-	-
OnPeak	1pm-6pm	-	-	-
MidPeak	-	-	-	-
OffPeak	All Other Hours		All Hours	

For TOU13, Memorial Day, July 4th and Labor Day are Holidays and are considered OffPeak.

Note: TOU13 is presently offered only in the Oncor Electric Delivery TDSP service area.

Distributed Generation Profile Segment Assignment

For ESI IDs that have a Distributed Generation (DG) capacity less than or equal to the DG registration threshold, have signed an interconnection agreement with the TDSP, and are not otherwise required to be assigned the IDRRQ Profile Segment, the TDSP is required to provide ERCOT (ERCOTLoadProfilingDepartment@ercot.com) with documentation, either electronic (preferred) or hard copy, of the following for each applicable ESI ID:

1. Affirmation from the TDSP that the Customer has signed an approved Interconnection Agreement with the TDSP
2. Information as requested on the ERCOT approved form to include:
   a. ESI ID
   b. Generation type, e.g., PV, wind, other (specify)
   c. Interconnection Agreement effective date
   d. Total inverter capacity (if applicable and available)
   e. The inverter's published peak efficiency rating (if applicable and available)
   f. If PV generation is present:
      Total PV generation capacity in kW (DC)
   g. If wind generation is present:
      Total wind generation capacity in kW (DC)
   h. If generation other than PV or wind is present:
      I. Type(s) of units
      II. Total generation capacity in kW (DC)

TDSPs are welcome to submit relevant information to supplement any of the above.

If the generator produces DC power, the AC capacity is defined as the sum of the DC nameplate capacity ratings of the modules installed, multiplied by the inverters' published peak efficiency rating if available, otherwise 95%.

TDSPs shall submit appropriate documentation (as listed above) to ERCOT to initiate a change to the Profile ID assignment. ERCOT shall provide a summary of its review of the requests to the TDSPs within five (5) business days of receiving the documentation. For each approved ESI ID, ERCOT shall then request (via e-mail or other mutually acceptable means) that the TDSP change the Profile ID to reflect the appropriate Distributed Generation Profile Segment for the specified ESI ID, via the normal Texas SET process.

DG Profile Segment assignments shall not change due to a switch in CRs.

If a REP of record discovers that a previously approved ESI ID has become ineligible to be served under a DG Profile Segment, the REP of record shall notify the TDSP and ERCOT that a Profile Segment change is required. If a TDSP discovers that a previously approved ESI ID has become ineligible to be served under a DG Profile Segment, the TDSP of record shall notify ERCOT and also change the Profile Segment to the appropriate default Profile Segment as if the ESI ID represented a new premise without DG. TDSPs shall make reasonable effort to effect the change using the appropriate Texas SET process as soon a possible after they become aware that the premise is no longer eligible to be served under a DG Profile Segment.

Oil & Gas Flat Profile Segment Assignment

CRs seeking to have the Oil & Gas Flat (OGFLT) Profile Segment assigned to one of their ESI IDs are required to provide ERCOT (ERCOTLoadProfilingDepartment@ercot.com) with documentation, either electronic (preferred) or hard copy, of the following:

1. Sales Tax Exemption Certificate (on file with the CR for the ESI ID)

2. Customer Certification to the CR that the Customer holds an official Railroad Commission of Texas Operator Number and uses electricity at the premises identified by the ESI ID for the purpose of exploring, producing or transporting oil and/or natural gas extracted from the earth. This Customer Certification must be signed by an official company representative and shall list the Railroad Commission of Texas Operator Number, the name of the entity holding the Operator Number, the ESI ID and the service address of the ESI ID.

   In addition, for NIDR ESI IDs to be assigned the Oil & Gas Flat (OGFLT) profile, ERCOT shall validate that they are not weather sensitive. ESI IDs with Meter Type = "IDR" are settled using interval data.

ERCOT shall submit validated requests to the TDSPs by the latter of five (5) business days of the receipt of the required documentation from a CR or the implementation date of the new BUSOGFLT Load Profile. ERCOT shall request (via e-mail or other mutually acceptable means) that the TDSP change the Profile Segment to an Oil & Gas Flat segment as specified on the Segment Assignment tab for the specified ESI ID, via the normal Texas SET process.

The Oil & Gas Flat segment assignment shall not change simply due to a switch in CRs.

Should a previously approved ESI ID become ineligible to be served under an Oil & Gas Flat segment, then ERCOT shall notify the appropriate TDSP to change the Profile Type to the current appropriate default Profile Type as if the ESI ID represented a new premise. TDSPs shall make reasonable effort to effect the change using the appropriate Texas SET process as soon as possible after notification. ERCOT shall notify the CR of record of any such changes to the Profile Type.

Valid Profile IDs

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	HIDG	COAST	IDR	WS	NOTOU	BUSHIDG_COAST_IDR_WS_NOTOU
BUS	HIDG	COAST	NIDR	NWS	NOTOU	BUSHIDG_COAST_NIDR_NWS_NOTOU
BUS	HIDG	EAST	IDR	WS	NOTOU	BUSHIDG_EAST_IDR_WS_NOTOU
BUS	HIDG	EAST	NIDR	NWS	NOTOU	BUSHIDG_EAST_NIDR_NWS_NOTOU
BUS	HIDG	FWEST	IDR	WS	NOTOU	BUSHIDG_FWEST_IDR_WS_NOTOU
BUS	HIDG	FWEST	NIDR	NWS	NOTOU	BUSHIDG_FWEST_NIDR_NWS_NOTOU
BUS	HIDG	NCENT	IDR	WS	NOTOU	BUSHIDG_NCENT_IDR_WS_NOTOU
BUS	HIDG	NCENT	NIDR	NWS	NOTOU	BUSHIDG_NCENT_NIDR_NWS_NOTOU
BUS	HIDG	NORTH	IDR	WS	NOTOU	BUSHIDG_NORTH_IDR_WS_NOTOU
BUS	HIDG	NORTH	NIDR	NWS	NOTOU	BUSHIDG_NORTH_NIDR_NWS_NOTOU
BUS	HIDG	SCENT	IDR	WS	NOTOU	BUSHIDG_SCENT_IDR_WS_NOTOU
BUS	HIDG	SCENT	NIDR	NWS	NOTOU	BUSHIDG_SCENT_NIDR_NWS_NOTOU
BUS	HIDG	SOUTH	IDR	WS	NOTOU	BUSHIDG_SOUTH_IDR_WS_NOTOU
BUS	HIDG	SOUTH	NIDR	NWS	NOTOU	BUSHIDG_SOUTH_NIDR_NWS_NOTOU
BUS	HIDG	WEST	IDR	WS	NOTOU	BUSHIDG_WEST_IDR_WS_NOTOU
BUS	HIDG	WEST	NIDR	NWS	NOTOU	BUSHIDG_WEST_NIDR_NWS_NOTOU
BUS	HILF	COAST	IDR	WS	NOTOU	BUSHILF_COAST_IDR_WS_NOTOU
BUS	HILF	COAST	IDR	WS	TOU11	BUSHILF_COAST_IDR_WS_TOU11
BUS	HILF	COAST	IDR	WS	TOU12	BUSHILF_COAST_IDR_WS_TOU12
BUS	HILF	COAST	NIDR	NWS	NOTOU	BUSHILF_COAST_NIDR_NWS_NOTOU
BUS	HILF	COAST	NIDR	NWS	TOU11	BUSHILF_COAST_NIDR_NWS_TOU11
BUS	HILF	COAST	NIDR	NWS	TOU12	BUSHILF_COAST_NIDR_NWS_TOU12
BUS	HILF	EAST	IDR	WS	NOTOU	BUSHILF_EAST_IDR_WS_NOTOU
BUS	HILF	EAST	IDR	WS	TOU01	BUSHILF_EAST_IDR_WS_TOU01
BUS	HILF	EAST	IDR	WS	TOU02	BUSHILF_EAST_IDR_WS_TOU02
BUS	HILF	EAST	IDR	WS	TOU11	BUSHILF_EAST_IDR_WS_TOU11
BUS	HILF	EAST	IDR	WS	TOU12	BUSHILF_EAST_IDR_WS_TOU12
BUS	HILF	EAST	IDR	WS	TOU13	BUSHILF_EAST_IDR_WS_TOU13
BUS	HILF	EAST	NIDR	NWS	NOTOU	BUSHILF_EAST_NIDR_NWS_NOTOU
BUS	HILF	EAST	NIDR	NWS	TOU01	BUSHILF_EAST_NIDR_NWS_TOU01
BUS	HILF	EAST	NIDR	NWS	TOU02	BUSHILF_EAST_NIDR_NWS_TOU02
BUS	HILF	EAST	NIDR	NWS	TOU11	BUSHILF_EAST_NIDR_NWS_TOU11
BUS	HILF	EAST	NIDR	NWS	TOU12	BUSHILF_EAST_NIDR_NWS_TOU12
BUS	HILF	EAST	NIDR	NWS	TOU13	BUSHILF_EAST_NIDR_NWS_TOU13
BUS	HILF	FWEST	IDR	WS	NOTOU	BUSHILF_FWEST_IDR_WS_NOTOU
BUS	HILF	FWEST	IDR	WS	TOU01	BUSHILF_FWEST_IDR_WS_TOU01
BUS	HILF	FWEST	IDR	WS	TOU02	BUSHILF_FWEST_IDR_WS_TOU02
BUS	HILF	FWEST	IDR	WS	TOU11	BUSHILF_FWEST_IDR_WS_TOU11
BUS	HILF	FWEST	IDR	WS	TOU12	BUSHILF_FWEST_IDR_WS_TOU12
BUS	HILF	FWEST	IDR	WS	TOU13	BUSHILF_FWEST_IDR_WS_TOU13
BUS	HILF	FWEST	NIDR	NWS	NOTOU	BUSHILF_FWEST_NIDR_NWS_NOTOU
BUS	HILF	FWEST	NIDR	NWS	TOU01	BUSHILF_FWEST_NIDR_NWS_TOU01
BUS	HILF	FWEST	NIDR	NWS	TOU02	BUSHILF_FWEST_NIDR_NWS_TOU02
BUS	HILF	FWEST	NIDR	NWS	TOU11	BUSHILF_FWEST_NIDR_NWS_TOU11
BUS	HILF	FWEST	NIDR	NWS	TOU12	BUSHILF_FWEST_NIDR_NWS_TOU12
BUS	HILF	FWEST	NIDR	NWS	TOU13	BUSHILF_FWEST_NIDR_NWS_TOU13
BUS	HILF	NCENT	IDR	WS	NOTOU	BUSHILF_NCENT_IDR_WS_NOTOU
BUS	HILF	NCENT	IDR	WS	TOU01	BUSHILF_NCENT_IDR_WS_TOU01
BUS	HILF	NCENT	IDR	WS	TOU02	BUSHILF_NCENT_IDR_WS_TOU02

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	HILF	NCENT	IDR	WS	TOU11	BUSHILF_NCENT_IDR_WS_TOU11
BUS	HILF	NCENT	IDR	WS	TOU12	BUSHILF_NCENT_IDR_WS_TOU12
BUS	HILF	NCENT	IDR	WS	TOU13	BUSHILF_NCENT_IDR_WS_TOU13
BUS	HILF	NCENT	NIDR	NWS	NOTOU	BUSHILF_NCENT_NIDR_NWS_NOTOU
BUS	HILF	NCENT	NIDR	NWS	TOU01	BUSHILF_NCENT_NIDR_NWS_TOU01
BUS	HILF	NCENT	NIDR	NWS	TOU02	BUSHILF_NCENT_NIDR_NWS_TOU02
BUS	HILF	NCENT	NIDR	NWS	TOU11	BUSHILF_NCENT_NIDR_NWS_TOU11
BUS	HILF	NCENT	NIDR	NWS	TOU12	BUSHILF_NCENT_NIDR_NWS_TOU12
BUS	HILF	NCENT	NIDR	NWS	TOU13	BUSHILF_NCENT_NIDR_NWS_TOU13
BUS	HILF	NORTH	IDR	WS	NOTOU	BUSHILF_NORTH_IDR_WS_NOTOU
BUS	HILF	NORTH	IDR	WS	TOU01	BUSHILF_NORTH_IDR_WS_TOU01
BUS	HILF	NORTH	IDR	WS	TOU02	BUSHILF_NORTH_IDR_WS_TOU02
BUS	HILF	NORTH	IDR	WS	TOU11	BUSHILF_NORTH_IDR_WS_TOU11
BUS	HILF	NORTH	IDR	WS	TOU12	BUSHILF_NORTH_IDR_WS_TOU12
BUS	HILF	NORTH	IDR	WS	TOU13	BUSHILF_NORTH_IDR_WS_TOU13
BUS	HILF	NORTH	NIDR	NWS	NOTOU	BUSHILF_NORTH_NIDR_NWS_NOTOU
BUS	HILF	NORTH	NIDR	NWS	TOU01	BUSHILF_NORTH_NIDR_NWS_TOU01
BUS	HILF	NORTH	NIDR	NWS	TOU02	BUSHILF_NORTH_NIDR_NWS_TOU02
BUS	HILF	NORTH	NIDR	NWS	TOU11	BUSHILF_NORTH_NIDR_NWS_TOU11
BUS	HILF	NORTH	NIDR	NWS	TOU12	BUSHILF_NORTH_NIDR_NWS_TOU12
BUS	HILF	NORTH	NIDR	NWS	TOU13	BUSHILF_NORTH_NIDR_NWS_TOU13
BUS	HILF	SCENT	IDR	WS	NOTOU	BUSHILF_SCENT_IDR_WS_NOTOU
BUS	HILF	SCENT	IDR	WS	TOU01	BUSHILF_SCENT_IDR_WS_TOU01
BUS	HILF	SCENT	IDR	WS	TOU02	BUSHILF_SCENT_IDR_WS_TOU02
BUS	HILF	SCENT	IDR	WS	TOU13	BUSHILF_SCENT_IDR_WS_TOU13
BUS	HILF	SCENT	NIDR	NWS	NOTOU	BUSHILF_SCENT_NIDR_NWS_NOTOU
BUS	HILF	SCENT	NIDR	NWS	TOU01	BUSHILF_SCENT_NIDR_NWS_TOU01
BUS	HILF	SCENT	NIDR	NWS	TOU02	BUSHILF_SCENT_NIDR_NWS_TOU02
BUS	HILF	SCENT	NIDR	NWS	TOU13	BUSHILF_SCENT_NIDR_NWS_TOU13
BUS	HILF	SOUTH	IDR	WS	NOTOU	BUSHILF_SOUTH_IDR_WS_NOTOU
BUS	HILF	SOUTH	NIDR	NWS	NOTOU	BUSHILF_SOUTH_NIDR_NWS_NOTOU
BUS	HILF	WEST	IDR	WS	NOTOU	BUSHILF_WEST_IDR_WS_NOTOU
BUS	HILF	WEST	IDR	WS	TOU01	BUSHILF_WEST_IDR_WS_TOU01
BUS	HILF	WEST	IDR	WS	TOU02	BUSHILF_WEST_IDR_WS_TOU02
BUS	HILF	WEST	IDR	WS	TOU13	BUSHILF_WEST_IDR_WS_TOU13
BUS	HILF	WEST	NIDR	NWS	NOTOU	BUSHILF_WEST_NIDR_NWS_NOTOU
BUS	HILF	WEST	NIDR	NWS	TOU01	BUSHILF_WEST_NIDR_NWS_TOU01
BUS	HILF	WEST	NIDR	NWS	TOU02	BUSHILF_WEST_NIDR_NWS_TOU02
BUS	HILF	WEST	NIDR	NWS	TOU13	BUSHILF_WEST_NIDR_NWS_TOU13
BUS	HIPV	COAST	IDR	WS	NOTOU	BUSHIPV_COAST_IDR_WS_NOTOU
BUS	HIPV	COAST	IDR	WS	TOU11	BUSHIPV_COAST_IDR_WS_TOU11
BUS	HIPV	COAST	IDR	WS	TOU12	BUSHIPV_COAST_IDR_WS_TOU12
BUS	HIPV	COAST	NIDR	NWS	NOTOU	BUSHIPV_COAST_NIDR_NWS_NOTOU
BUS	HIPV	COAST	NIDR	NWS	TOU11	BUSHIPV_COAST_NIDR_NWS_TOU11
BUS	HIPV	COAST	NIDR	NWS	TOU12	BUSHIPV_COAST_NIDR_NWS_TOU12
BUS	HIPV	EAST	IDR	WS	NOTOU	BUSHIPV_EAST_IDR_WS_NOTOU
BUS	HIPV	EAST	IDR	WS	TOU01	BUSHIPV_EAST_IDR_WS_TOU01
BUS	HIPV	EAST	IDR	WS	TOU02	BUSHIPV_EAST_IDR_WS_TOU02
BUS	HIPV	EAST	IDR	WS	TOU11	BUSHIPV_EAST_IDR_WS_TOU11
BUS	HIPV	EAST	IDR	WS	TOU12	BUSHIPV_EAST_IDR_WS_TOU12
BUS	HIPV	EAST	IDR	WS	TOU13	BUSHIPV_EAST_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	HIPV	EAST	NIDR	NWS	NOTOU	BUSHIPV_EAST_NIDR_NWS_NOTOU
BUS	HIPV	EAST	NIDR	NWS	TOU01	BUSHIPV_EAST_NIDR_NWS_TOU01
BUS	HIPV	EAST	NIDR	NWS	TOU02	BUSHIPV_EAST_NIDR_NWS_TOU02
BUS	HIPV	EAST	NIDR	NWS	TOU11	BUSHIPV_EAST_NIDR_NWS_TOU11
BUS	HIPV	EAST	NIDR	NWS	TOU12	BUSHIPV_EAST_NIDR_NWS_TOU12
BUS	HIPV	EAST	NIDR	NWS	TOU13	BUSHIPV_EAST_NIDR_NWS_TOU13
BUS	HIPV	FWEST	IDR	WS	NOTOU	BUSHIPV_FWEST_IDR_WS_NOTOU
BUS	HIPV	FWEST	IDR	WS	TOU01	BUSHIPV_FWEST_IDR_WS_TOU01
BUS	HIPV	FWEST	IDR	WS	TOU02	BUSHIPV_FWEST_IDR_WS_TOU02
BUS	HIPV	FWEST	IDR	WS	TOU11	BUSHIPV_FWEST_IDR_WS_TOU11
BUS	HIPV	FWEST	IDR	WS	TOU12	BUSHIPV_FWEST_IDR_WS_TOU12
BUS	HIPV	FWEST	IDR	WS	TOU13	BUSHIPV_FWEST_IDR_WS_TOU13
BUS	HIPV	FWEST	NIDR	NWS	NOTOU	BUSHIPV_FWEST_NIDR_NWS_NOTOU
BUS	HIPV	FWEST	NIDR	NWS	TOU01	BUSHIPV_FWEST_NIDR_NWS_TOU01
BUS	HIPV	FWEST	NIDR	NWS	TOU02	BUSHIPV_FWEST_NIDR_NWS_TOU02
BUS	HIPV	FWEST	NIDR	NWS	TOU11	BUSHIPV_FWEST_NIDR_NWS_TOU11
BUS	HIPV	FWEST	NIDR	NWS	TOU12	BUSHIPV_FWEST_NIDR_NWS_TOU12
BUS	HIPV	FWEST	NIDR	NWS	TOU13	BUSHIPV_FWEST_NIDR_NWS_TOU13
BUS	HIPV	NCENT	IDR	WS	NOTOU	BUSHIPV_NCENT_IDR_WS_NOTOU
BUS	HIPV	NCENT	IDR	WS	TOU01	BUSHIPV_NCENT_IDR_WS_TOU01
BUS	HIPV	NCENT	IDR	WS	TOU02	BUSHIPV_NCENT_IDR_WS_TOU02
BUS	HIPV	NCENT	IDR	WS	TOU11	BUSHIPV_NCENT_IDR_WS_TOU11
BUS	HIPV	NCENT	IDR	WS	TOU12	BUSHIPV_NCENT_IDR_WS_TOU12
BUS	HIPV	NCENT	IDR	WS	TOU13	BUSHIPV_NCENT_IDR_WS_TOU13
BUS	HIPV	NCENT	NIDR	NWS	NOTOU	BUSHIPV_NCENT_NIDR_NWS_NOTOU
BUS	HIPV	NCENT	NIDR	NWS	TOU01	BUSHIPV_NCENT_NIDR_NWS_TOU01
BUS	HIPV	NCENT	NIDR	NWS	TOU02	BUSHIPV_NCENT_NIDR_NWS_TOU02
BUS	HIPV	NCENT	NIDR	NWS	TOU11	BUSHIPV_NCENT_NIDR_NWS_TOU11
BUS	HIPV	NCENT	NIDR	NWS	TOU12	BUSHIPV_NCENT_NIDR_NWS_TOU12
BUS	HIPV	NCENT	NIDR	NWS	TOU13	BUSHIPV_NCENT_NIDR_NWS_TOU13
BUS	HIPV	NORTH	IDR	WS	NOTOU	BUSHIPV_NORTH_IDR_WS_NOTOU
BUS	HIPV	NORTH	IDR	WS	TOU01	BUSHIPV_NORTH_IDR_WS_TOU01
BUS	HIPV	NORTH	IDR	WS	TOU02	BUSHIPV_NORTH_IDR_WS_TOU02
BUS	HIPV	NORTH	IDR	WS	TOU11	BUSHIPV_NORTH_IDR_WS_TOU11
BUS	HIPV	NORTH	IDR	WS	TOU12	BUSHIPV_NORTH_IDR_WS_TOU12
BUS	HIPV	NORTH	IDR	WS	TOU13	BUSHIPV_NORTH_IDR_WS_TOU13
BUS	HIPV	NORTH	NIDR	NWS	NOTOU	BUSHIPV_NORTH_NIDR_NWS_NOTOU
BUS	HIPV	NORTH	NIDR	NWS	TOU01	BUSHIPV_NORTH_NIDR_NWS_TOU01
BUS	HIPV	NORTH	NIDR	NWS	TOU02	BUSHIPV_NORTH_NIDR_NWS_TOU02
BUS	HIPV	NORTH	NIDR	NWS	TOU11	BUSHIPV_NORTH_NIDR_NWS_TOU11
BUS	HIPV	NORTH	NIDR	NWS	TOU12	BUSHIPV_NORTH_NIDR_NWS_TOU12
BUS	HIPV	NORTH	NIDR	NWS	TOU13	BUSHIPV_NORTH_NIDR_NWS_TOU13
BUS	HIPV	SCENT	IDR	WS	NOTOU	BUSHIPV_SCENT_IDR_WS_NOTOU
BUS	HIPV	SCENT	IDR	WS	TOU01	BUSHIPV_SCENT_IDR_WS_TOU01
BUS	HIPV	SCENT	IDR	WS	TOU02	BUSHIPV_SCENT_IDR_WS_TOU02
BUS	HIPV	SCENT	IDR	WS	TOU13	BUSHIPV_SCENT_IDR_WS_TOU13
BUS	HIPV	SCENT	NIDR	NWS	NOTOU	BUSHIPV_SCENT_NIDR_NWS_NOTOU
BUS	HIPV	SCENT	NIDR	NWS	TOU01	BUSHIPV_SCENT_NIDR_NWS_TOU01
BUS	HIPV	SCENT	NIDR	NWS	TOU02	BUSHIPV_SCENT_NIDR_NWS_TOU02
BUS	HIPV	SCENT	NIDR	NWS	TOU13	BUSHIPV_SCENT_NIDR_NWS_TOU13
BUS	HIPV	SOUTH	IDR	WS	NOTOU	BUSHIPV_SOUTH_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	HIPV	SOUTH	NIDR	NWS	NOTOU	BUSHIPV_SOUTH_NIDR_NWS_NOTOU
BUS	HIPV	WEST	IDR	WS	NOTOU	BUSHIPV_WEST_IDR_WS_NOTOU
BUS	HIPV	WEST	IDR	WS	TOU01	BUSHIPV_WEST_IDR_WS_TOU01
BUS	HIPV	WEST	IDR	WS	TOU02	BUSHIPV_WEST_IDR_WS_TOU02
BUS	HIPV	WEST	IDR	WS	TOU13	BUSHIPV_WEST_IDR_WS_TOU13
BUS	HIPV	WEST	NIDR	NWS	NOTOU	BUSHIPV_WEST_NIDR_NWS_NOTOU
BUS	HIPV	WEST	NIDR	NWS	TOU01	BUSHIPV_WEST_NIDR_NWS_TOU01
BUS	HIPV	WEST	NIDR	NWS	TOU02	BUSHIPV_WEST_NIDR_NWS_TOU02
BUS	HIPV	WEST	NIDR	NWS	TOU13	BUSHIPV_WEST_NIDR_NWS_TOU13
BUS	HIWD	COAST	IDR	WS	NOTOU	BUSHIWD_COAST_IDR_WS_NOTOU
BUS	HIWD	COAST	IDR	WS	TOU11	BUSHIWD_COAST_IDR_WS_TOU11
BUS	HIWD	COAST	IDR	WS	TOU12	BUSHIWD_COAST_IDR_WS_TOU12
BUS	HIWD	COAST	NIDR	NWS	NOTOU	BUSHIWD_COAST_NIDR_NWS_NOTOU
BUS	HIWD	COAST	NIDR	NWS	TOU11	BUSHIWD_COAST_NIDR_NWS_TOU11
BUS	HIWD	COAST	NIDR	NWS	TOU12	BUSHIWD_COAST_NIDR_NWS_TOU12
BUS	HIWD	EAST	IDR	WS	NOTOU	BUSHIWD_EAST_IDR_WS_NOTOU
BUS	HIWD	EAST	IDR	WS	TOU01	BUSHIWD_EAST_IDR_WS_TOU01
BUS	HIWD	EAST	IDR	WS	TOU02	BUSHIWD_EAST_IDR_WS_TOU02
BUS	HIWD	EAST	IDR	WS	TOU11	BUSHIWD_EAST_IDR_WS_TOU11
BUS	HIWD	EAST	IDR	WS	TOU12	BUSHIWD_EAST_IDR_WS_TOU12
BUS	HIWD	EAST	IDR	WS	TOU13	BUSHIWD_EAST_IDR_WS_TOU13
BUS	HIWD	EAST	NIDR	NWS	NOTOU	BUSHIWD_EAST_NIDR_NWS_NOTOU
BUS	HIWD	EAST	NIDR	NWS	TOU01	BUSHIWD_EAST_NIDR_NWS_TOU01
BUS	HIWD	EAST	NIDR	NWS	TOU02	BUSHIWD_EAST_NIDR_NWS_TOU02
BUS	HIWD	EAST	NIDR	NWS	TOU11	BUSHIWD_EAST_NIDR_NWS_TOU11
BUS	HIWD	EAST	NIDR	NWS	TOU12	BUSHIWD_EAST_NIDR_NWS_TOU12
BUS	HIWD	EAST	NIDR	NWS	TOU13	BUSHIWD_EAST_NIDR_NWS_TOU13
BUS	HIWD	FWEST	IDR	WS	NOTOU	BUSHIWD_FWEST_IDR_WS_NOTOU
BUS	HIWD	FWEST	IDR	WS	TOU01	BUSHIWD_FWEST_IDR_WS_TOU01
BUS	HIWD	FWEST	IDR	WS	TOU02	BUSHIWD_FWEST_IDR_WS_TOU02
BUS	HIWD	FWEST	IDR	WS	TOU11	BUSHIWD_FWEST_IDR_WS_TOU11
BUS	HIWD	FWEST	IDR	WS	TOU12	BUSHIWD_FWEST_IDR_WS_TOU12
BUS	HIWD	FWEST	IDR	WS	TOU13	BUSHIWD_FWEST_IDR_WS_TOU13
BUS	HIWD	FWEST	NIDR	NWS	NOTOU	BUSHIWD_FWEST_NIDR_NWS_NOTOU
BUS	HIWD	FWEST	NIDR	NWS	TOU01	BUSHIWD_FWEST_NIDR_NWS_TOU01
BUS	HIWD	FWEST	NIDR	NWS	TOU02	BUSHIWD_FWEST_NIDR_NWS_TOU02
BUS	HIWD	FWEST	NIDR	NWS	TOU11	BUSHIWD_FWEST_NIDR_NWS_TOU11
BUS	HIWD	FWEST	NIDR	NWS	TOU12	BUSHIWD_FWEST_NIDR_NWS_TOU12
BUS	HIWD	FWEST	NIDR	NWS	TOU13	BUSHIWD_FWEST_NIDR_NWS_TOU13
BUS	HIWD	NCENT	IDR	WS	NOTOU	BUSHIWD_NCENT_IDR_WS_NOTOU
BUS	HIWD	NCENT	IDR	WS	TOU01	BUSHIWD_NCENT_IDR_WS_TOU01
BUS	HIWD	NCENT	IDR	WS	TOU02	BUSHIWD_NCENT_IDR_WS_TOU02
BUS	HIWD	NCENT	IDR	WS	TOU11	BUSHIWD_NCENT_IDR_WS_TOU11
BUS	HIWD	NCENT	IDR	WS	TOU12	BUSHIWD_NCENT_IDR_WS_TOU12
BUS	HIWD	NCENT	IDR	WS	TOU13	BUSHIWD_NCENT_IDR_WS_TOU13
BUS	HIWD	NCENT	NIDR	NWS	NOTOU	BUSHIWD_NCENT_NIDR_NWS_NOTOU
BUS	HIWD	NCENT	NIDR	NWS	TOU01	BUSHIWD_NCENT_NIDR_NWS_TOU01
BUS	HIWD	NCENT	NIDR	NWS	TOU02	BUSHIWD_NCENT_NIDR_NWS_TOU02
BUS	HIWD	NCENT	NIDR	NWS	TOU11	BUSHIWD_NCENT_NIDR_NWS_TOU11
BUS	HIWD	NCENT	NIDR	NWS	TOU12	BUSHIWD_NCENT_NIDR_NWS_TOU12
BUS	HIWD	NCENT	NIDR	NWS	TOU13	BUSHIWD_NCENT_NIDR_NWS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	HIWD	NORTH	IDR	WS	NOTOU	BUSHIWD_NORTH_IDR_WS_NOTOU
BUS	HIWD	NORTH	IDR	WS	TOU01	BUSHIWD_NORTH_IDR_WS_TOU01
BUS	HIWD	NORTH	IDR	WS	TOU02	BUSHIWD_NORTH_IDR_WS_TOU02
BUS	HIWD	NORTH	IDR	WS	TOU11	BUSHIWD_NORTH_IDR_WS_TOU11
BUS	HIWD	NORTH	IDR	WS	TOU12	BUSHIWD_NORTH_IDR_WS_TOU12
BUS	HIWD	NORTH	IDR	WS	TOU13	BUSHIWD_NORTH_IDR_WS_TOU13
BUS	HIWD	NORTH	NIDR	NWS	NOTOU	BUSHIWD_NORTH_NIDR_NWS_NOTOU
BUS	HIWD	NORTH	NIDR	NWS	TOU01	BUSHIWD_NORTH_NIDR_NWS_TOU01
BUS	HIWD	NORTH	NIDR	NWS	TOU02	BUSHIWD_NORTH_NIDR_NWS_TOU02
BUS	HIWD	NORTH	NIDR	NWS	TOU11	BUSHIWD_NORTH_NIDR_NWS_TOU11
BUS	HIWD	NORTH	NIDR	NWS	TOU12	BUSHIWD_NORTH_NIDR_NWS_TOU12
BUS	HIWD	NORTH	NIDR	NWS	TOU13	BUSHIWD_NORTH_NIDR_NWS_TOU13
BUS	HIWD	SCENT	IDR	WS	NOTOU	BUSHIWD_SCENT_IDR_WS_NOTOU
BUS	HIWD	SCENT	IDR	WS	TOU01	BUSHIWD_SCENT_IDR_WS_TOU01
BUS	HIWD	SCENT	IDR	WS	TOU02	BUSHIWD_SCENT_IDR_WS_TOU02
BUS	HIWD	SCENT	IDR	WS	TOU13	BUSHIWD_SCENT_IDR_WS_TOU13
BUS	HIWD	SCENT	NIDR	NWS	NOTOU	BUSHIWD_SCENT_NIDR_NWS_NOTOU
BUS	HIWD	SCENT	NIDR	NWS	TOU01	BUSHIWD_SCENT_NIDR_NWS_TOU01
BUS	HIWD	SCENT	NIDR	NWS	TOU02	BUSHIWD_SCENT_NIDR_NWS_TOU02
BUS	HIWD	SCENT	NIDR	NWS	TOU13	BUSHIWD_SCENT_NIDR_NWS_TOU13
BUS	HIWD	SOUTH	IDR	WS	NOTOU	BUSHIWD_SOUTH_IDR_WS_NOTOU
BUS	HIWD	SOUTH	NIDR	NWS	NOTOU	BUSHIWD_SOUTH_NIDR_NWS_NOTOU
BUS	HIWD	WEST	IDR	WS	NOTOU	BUSHIWD_WEST_IDR_WS_NOTOU
BUS	HIWD	WEST	IDR	WS	TOU01	BUSHIWD_WEST_IDR_WS_TOU01
BUS	HIWD	WEST	IDR	WS	TOU02	BUSHIWD_WEST_IDR_WS_TOU02
BUS	HIWD	WEST	IDR	WS	TOU13	BUSHIWD_WEST_IDR_WS_TOU13
BUS	HIWD	WEST	NIDR	NWS	NOTOU	BUSHIWD_WEST_NIDR_NWS_NOTOU
BUS	HIWD	WEST	NIDR	NWS	TOU01	BUSHIWD_WEST_NIDR_NWS_TOU01
BUS	HIWD	WEST	NIDR	NWS	TOU02	BUSHIWD_WEST_NIDR_NWS_TOU02
BUS	HIWD	WEST	NIDR	NWS	TOU13	BUSHIWD_WEST_NIDR_NWS_TOU13
BUS	IDRRQ	COAST	IDR	NWS	NOTOU	BUSIDRRQ_COAST_IDR_NWS_NOTOU
BUS	IDRRQ	COAST	IDR	WS	NOTOU	BUSIDRRQ_COAST_IDR_WS_NOTOU
BUS	IDRRQ	EAST	IDR	NWS	NOTOU	BUSIDRRQ_EAST_IDR_NWS_NOTOU
BUS	IDRRQ	EAST	IDR	WS	NOTOU	BUSIDRRQ_EAST_IDR_WS_NOTOU
BUS	IDRRQ	FWEST	IDR	NWS	NOTOU	BUSIDRRQ_FWEST_IDR_NWS_NOTOU
BUS	IDRRQ	FWEST	IDR	WS	NOTOU	BUSIDRRQ_FWEST_IDR_WS_NOTOU
BUS	IDRRQ	NCENT	IDR	NWS	NOTOU	BUSIDRRQ_NCENT_IDR_NWS_NOTOU
BUS	IDRRQ	NCENT	IDR	WS	NOTOU	BUSIDRRQ_NCENT_IDR_WS_NOTOU
BUS	IDRRQ	NORTH	IDR	NWS	NOTOU	BUSIDRRQ_NORTH_IDR_NWS_NOTOU
BUS	IDRRQ	NORTH	IDR	WS	NOTOU	BUSIDRRQ_NORTH_IDR_WS_NOTOU
BUS	IDRRQ	SCENT	IDR	NWS	NOTOU	BUSIDRRQ_SCENT_IDR_NWS_NOTOU
BUS	IDRRQ	SCENT	IDR	WS	NOTOU	BUSIDRRQ_SCENT_IDR_WS_NOTOU
BUS	IDRRQ	SOUTH	IDR	NWS	NOTOU	BUSIDRRQ_SOUTH_IDR_NWS_NOTOU
BUS	IDRRQ	SOUTH	IDR	WS	NOTOU	BUSIDRRQ_SOUTH_IDR_WS_NOTOU
BUS	IDRRQ	WEST	IDR	NWS	NOTOU	BUSIDRRQ_WEST_IDR_NWS_NOTOU
BUS	IDRRQ	WEST	IDR	WS	NOTOU	BUSIDRRQ_WEST_IDR_WS_NOTOU
BUS	LODG	COAST	IDR	WS	NOTOU	BUSLODG_COAST_IDR_WS_NOTOU
BUS	LODG	COAST	NIDR	NWS	NOTOU	BUSLODG_COAST_NIDR_NWS_NOTOU
BUS	LODG	EAST	IDR	WS	NOTOU	BUSLODG_EAST_IDR_WS_NOTOU
BUS	LODG	EAST	NIDR	NWS	NOTOU	BUSLODG_EAST_NIDR_NWS_NOTOU
BUS	LODG	FWEST	IDR	WS	NOTOU	BUSLODG_FWEST_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	LODG	FWEST	NIDR	NWS	NOTOU	BUSLODG_FWEST_NIDR_NWS_NOTOU
BUS	LODG	NCENT	IDR	WS	NOTOU	BUSLODG_NCENT_IDR_WS_NOTOU
BUS	LODG	NCENT	NIDR	NWS	NOTOU	BUSLODG_NCENT_NIDR_NWS_NOTOU
BUS	LODG	NORTH	IDR	WS	NOTOU	BUSLODG_NORTH_IDR_WS_NOTOU
BUS	LODG	NORTH	NIDR	NWS	NOTOU	BUSLODG_NORTH_NIDR_NWS_NOTOU
BUS	LODG	SCENT	IDR	WS	NOTOU	BUSLODG_SCENT_IDR_WS_NOTOU
BUS	LODG	SCENT	NIDR	NWS	NOTOU	BUSLODG_SCENT_NIDR_NWS_NOTOU
BUS	LODG	SOUTH	IDR	WS	NOTOU	BUSLODG_SOUTH_IDR_WS_NOTOU
BUS	LODG	SOUTH	NIDR	NWS	NOTOU	BUSLODG_SOUTH_NIDR_NWS_NOTOU
BUS	LODG	WEST	IDR	WS	NOTOU	BUSLODG_WEST_IDR_WS_NOTOU
BUS	LODG	WEST	NIDR	NWS	NOTOU	BUSLODG_WEST_NIDR_NWS_NOTOU
BUS	LOLF	COAST	IDR	WS	NOTOU	BUSLOLF_COAST_IDR_WS_NOTOU
BUS	LOLF	COAST	IDR	WS	TOU11	BUSLOLF_COAST_IDR_WS_TOU11
BUS	LOLF	COAST	IDR	WS	TOU12	BUSLOLF_COAST_IDR_WS_TOU12
BUS	LOLF	COAST	NIDR	NWS	NOTOU	BUSLOLF_COAST_NIDR_NWS_NOTOU
BUS	LOLF	COAST	NIDR	NWS	TOU11	BUSLOLF_COAST_NIDR_NWS_TOU11
BUS	LOLF	COAST	NIDR	NWS	TOU12	BUSLOLF_COAST_NIDR_NWS_TOU12
BUS	LOLF	EAST	IDR	WS	NOTOU	BUSLOLF_EAST_IDR_WS_NOTOU
BUS	LOLF	EAST	IDR	WS	TOU01	BUSLOLF_EAST_IDR_WS_TOU01
BUS	LOLF	EAST	IDR	WS	TOU02	BUSLOLF_EAST_IDR_WS_TOU02
BUS	LOLF	EAST	IDR	WS	TOU11	BUSLOLF_EAST_IDR_WS_TOU11
BUS	LOLF	EAST	IDR	WS	TOU12	BUSLOLF_EAST_IDR_WS_TOU12
BUS	LOLF	EAST	IDR	WS	TOU13	BUSLOLF_EAST_IDR_WS_TOU13
BUS	LOLF	EAST	NIDR	NWS	NOTOU	BUSLOLF_EAST_NIDR_NWS_NOTOU
BUS	LOLF	EAST	NIDR	NWS	TOU01	BUSLOLF_EAST_NIDR_NWS_TOU01
BUS	LOLF	EAST	NIDR	NWS	TOU02	BUSLOLF_EAST_NIDR_NWS_TOU02
BUS	LOLF	EAST	NIDR	NWS	TOU11	BUSLOLF_EAST_NIDR_NWS_TOU11
BUS	LOLF	EAST	NIDR	NWS	TOU12	BUSLOLF_EAST_NIDR_NWS_TOU12
BUS	LOLF	EAST	NIDR	NWS	TOU13	BUSLOLF_EAST_NIDR_NWS_TOU13
BUS	LOLF	FWEST	IDR	WS	NOTOU	BUSLOLF_FWEST_IDR_WS_NOTOU
BUS	LOLF	FWEST	IDR	WS	TOU01	BUSLOLF_FWEST_IDR_WS_TOU01
BUS	LOLF	FWEST	IDR	WS	TOU02	BUSLOLF_FWEST_IDR_WS_TOU02
BUS	LOLF	FWEST	IDR	WS	TOU11	BUSLOLF_FWEST_IDR_WS_TOU11
BUS	LOLF	FWEST	IDR	WS	TOU12	BUSLOLF_FWEST_IDR_WS_TOU12
BUS	LOLF	FWEST	IDR	WS	TOU13	BUSLOLF_FWEST_IDR_WS_TOU13
BUS	LOLF	FWEST	NIDR	NWS	NOTOU	BUSLOLF_FWEST_NIDR_NWS_NOTOU
BUS	LOLF	FWEST	NIDR	NWS	TOU01	BUSLOLF_FWEST_NIDR_NWS_TOU01
BUS	LOLF	FWEST	NIDR	NWS	TOU02	BUSLOLF_FWEST_NIDR_NWS_TOU02
BUS	LOLF	FWEST	NIDR	NWS	TOU11	BUSLOLF_FWEST_NIDR_NWS_TOU11
BUS	LOLF	FWEST	NIDR	NWS	TOU12	BUSLOLF_FWEST_NIDR_NWS_TOU12
BUS	LOLF	FWEST	NIDR	NWS	TOU13	BUSLOLF_FWEST_NIDR_NWS_TOU13
BUS	LOLF	NCENT	IDR	WS	NOTOU	BUSLOLF_NCENT_IDR_WS_NOTOU
BUS	LOLF	NCENT	IDR	WS	TOU01	BUSLOLF_NCENT_IDR_WS_TOU01
BUS	LOLF	NCENT	IDR	WS	TOU02	BUSLOLF_NCENT_IDR_WS_TOU02
BUS	LOLF	NCENT	IDR	WS	TOU11	BUSLOLF_NCENT_IDR_WS_TOU11
BUS	LOLF	NCENT	IDR	WS	TOU12	BUSLOLF_NCENT_IDR_WS_TOU12
BUS	LOLF	NCENT	IDR	WS	TOU13	BUSLOLF_NCENT_IDR_WS_TOU13
BUS	LOLF	NCENT	NIDR	NWS	NOTOU	BUSLOLF_NCENT_NIDR_NWS_NOTOU
BUS	LOLF	NCENT	NIDR	NWS	TOU01	BUSLOLF_NCENT_NIDR_NWS_TOU01
BUS	LOLF	NCENT	NIDR	NWS	TOU02	BUSLOLF_NCENT_NIDR_NWS_TOU02
BUS	LOLF	NCENT	NIDR	NWS	TOU11	BUSLOLF_NCENT_NIDR_NWS_TOU11

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	LOLF	NCENT	NIDR	NWS	TOU12	BUSLOLF_NCENT_NIDR_NWS_TOU12
BUS	LOLF	NCENT	NIDR	NWS	TOU13	BUSLOLF_NCENT_NIDR_NWS_TOU13
BUS	LOLF	NORTH	IDR	WS	NOTOU	BUSLOLF_NORTH_IDR_WS_NOTOU
BUS	LOLF	NORTH	IDR	WS	TOU01	BUSLOLF_NORTH_IDR_WS_TOU01
BUS	LOLF	NORTH	IDR	WS	TOU02	BUSLOLF_NORTH_IDR_WS_TOU02
BUS	LOLF	NORTH	IDR	WS	TOU11	BUSLOLF_NORTH_IDR_WS_TOU11
BUS	LOLF	NORTH	IDR	WS	TOU12	BUSLOLF_NORTH_IDR_WS_TOU12
BUS	LOLF	NORTH	IDR	WS	TOU13	BUSLOLF_NORTH_IDR_WS_TOU13
BUS	LOLF	NORTH	NIDR	NWS	NOTOU	BUSLOLF_NORTH_NIDR_NWS_NOTOU
BUS	LOLF	NORTH	NIDR	NWS	TOU01	BUSLOLF_NORTH_NIDR_NWS_TOU01
BUS	LOLF	NORTH	NIDR	NWS	TOU02	BUSLOLF_NORTH_NIDR_NWS_TOU02
BUS	LOLF	NORTH	NIDR	NWS	TOU11	BUSLOLF_NORTH_NIDR_NWS_TOU11
BUS	LOLF	NORTH	NIDR	NWS	TOU12	BUSLOLF_NORTH_NIDR_NWS_TOU12
BUS	LOLF	NORTH	NIDR	NWS	TOU13	BUSLOLF_NORTH_NIDR_NWS_TOU13
BUS	LOLF	SCENT	IDR	WS	NOTOU	BUSLOLF_SCENT_IDR_WS_NOTOU
BUS	LOLF	SCENT	IDR	WS	TOU01	BUSLOLF_SCENT_IDR_WS_TOU01
BUS	LOLF	SCENT	IDR	WS	TOU02	BUSLOLF_SCENT_IDR_WS_TOU02
BUS	LOLF	SCENT	IDR	WS	TOU13	BUSLOLF_SCENT_IDR_WS_TOU13
BUS	LOLF	SCENT	NIDR	NWS	NOTOU	BUSLOLF_SCENT_NIDR_NWS_NOTOU
BUS	LOLF	SCENT	NIDR	NWS	TOU01	BUSLOLF_SCENT_NIDR_NWS_TOU01
BUS	LOLF	SCENT	NIDR	NWS	TOU02	BUSLOLF_SCENT_NIDR_NWS_TOU02
BUS	LOLF	SCENT	NIDR	NWS	TOU13	BUSLOLF_SCENT_NIDR_NWS_TOU13
BUS	LOLF	SOUTH	IDR	WS	NOTOU	BUSLOLF_SOUTH_IDR_WS_NOTOU
BUS	LOLF	SOUTH	NIDR	NWS	NOTOU	BUSLOLF_SOUTH_NIDR_NWS_NOTOU
BUS	LOLF	WEST	IDR	WS	NOTOU	BUSLOLF_WEST_IDR_WS_NOTOU
BUS	LOLF	WEST	IDR	WS	TOU01	BUSLOLF_WEST_IDR_WS_TOU01
BUS	LOLF	WEST	IDR	WS	TOU02	BUSLOLF_WEST_IDR_WS_TOU02
BUS	LOLF	WEST	IDR	WS	TOU13	BUSLOLF_WEST_IDR_WS_TOU13
BUS	LOLF	WEST	NIDR	NWS	NOTOU	BUSLOLF_WEST_NIDR_NWS_NOTOU
BUS	LOLF	WEST	NIDR	NWS	TOU01	BUSLOLF_WEST_NIDR_NWS_TOU01
BUS	LOLF	WEST	NIDR	NWS	TOU02	BUSLOLF_WEST_NIDR_NWS_TOU02
BUS	LOLF	WEST	NIDR	NWS	TOU13	BUSLOLF_WEST_NIDR_NWS_TOU13
BUS	LOPV	COAST	IDR	WS	NOTOU	BUSLOPV_COAST_IDR_WS_NOTOU
BUS	LOPV	COAST	IDR	WS	TOU11	BUSLOPV_COAST_IDR_WS_TOU11
BUS	LOPV	COAST	IDR	WS	TOU12	BUSLOPV_COAST_IDR_WS_TOU12
BUS	LOPV	COAST	NIDR	NWS	NOTOU	BUSLOPV_COAST_NIDR_NWS_NOTOU
BUS	LOPV	COAST	NIDR	NWS	TOU11	BUSLOPV_COAST_NIDR_NWS_TOU11
BUS	LOPV	COAST	NIDR	NWS	TOU12	BUSLOPV_COAST_NIDR_NWS_TOU12
BUS	LOPV	EAST	IDR	WS	NOTOU	BUSLOPV_EAST_IDR_WS_NOTOU
BUS	LOPV	EAST	IDR	WS	TOU01	BUSLOPV_EAST_IDR_WS_TOU01
BUS	LOPV	EAST	IDR	WS	TOU02	BUSLOPV_EAST_IDR_WS_TOU02
BUS	LOPV	EAST	IDR	WS	TOU11	BUSLOPV_EAST_IDR_WS_TOU11
BUS	LOPV	EAST	IDR	WS	TOU12	BUSLOPV_EAST_IDR_WS_TOU12
BUS	LOPV	EAST	IDR	WS	TOU13	BUSLOPV_EAST_IDR_WS_TOU13
BUS	LOPV	EAST	NIDR	NWS	NOTOU	BUSLOPV_EAST_NIDR_NWS_NOTOU
BUS	LOPV	EAST	NIDR	NWS	TOU01	BUSLOPV_EAST_NIDR_NWS_TOU01
BUS	LOPV	EAST	NIDR	NWS	TOU02	BUSLOPV_EAST_NIDR_NWS_TOU02
BUS	LOPV	EAST	NIDR	NWS	TOU11	BUSLOPV_EAST_NIDR_NWS_TOU11
BUS	LOPV	EAST	NIDR	NWS	TOU12	BUSLOPV_EAST_NIDR_NWS_TOU12
BUS	LOPV	EAST	NIDR	NWS	TOU13	BUSLOPV_EAST_NIDR_NWS_TOU13
BUS	LOPV	FWEST	IDR	WS	NOTOU	BUSLOPV_FWEST_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	LOPV	FWEST	IDR	WS	TOU01	BUSLOPV_FWEST_IDR_WS_TOU01
BUS	LOPV	FWEST	IDR	WS	TOU02	BUSLOPV_FWEST_IDR_WS_TOU02
BUS	LOPV	FWEST	IDR	WS	TOU11	BUSLOPV_FWEST_IDR_WS_TOU11
BUS	LOPV	FWEST	IDR	WS	TOU12	BUSLOPV_FWEST_IDR_WS_TOU12
BUS	LOPV	FWEST	IDR	WS	TOU13	BUSLOPV_FWEST_IDR_WS_TOU13
BUS	LOPV	FWEST	NIDR	NWS	NOTOU	BUSLOPV_FWEST_NIDR_NWS_NOTOU
BUS	LOPV	FWEST	NIDR	NWS	TOU01	BUSLOPV_FWEST_NIDR_NWS_TOU01
BUS	LOPV	FWEST	NIDR	NWS	TOU02	BUSLOPV_FWEST_NIDR_NWS_TOU02
BUS	LOPV	FWEST	NIDR	NWS	TOU11	BUSLOPV_FWEST_NIDR_NWS_TOU11
BUS	LOPV	FWEST	NIDR	NWS	TOU12	BUSLOPV_FWEST_NIDR_NWS_TOU12
BUS	LOPV	FWEST	NIDR	NWS	TOU13	BUSLOPV_FWEST_NIDR_NWS_TOU13
BUS	LOPV	NCENT	IDR	WS	NOTOU	BUSLOPV_NCENT_IDR_WS_NOTOU
BUS	LOPV	NCENT	IDR	WS	TOU01	BUSLOPV_NCENT_IDR_WS_TOU01
BUS	LOPV	NCENT	IDR	WS	TOU02	BUSLOPV_NCENT_IDR_WS_TOU02
BUS	LOPV	NCENT	IDR	WS	TOU11	BUSLOPV_NCENT_IDR_WS_TOU11
BUS	LOPV	NCENT	IDR	WS	TOU12	BUSLOPV_NCENT_IDR_WS_TOU12
BUS	LOPV	NCENT	IDR	WS	TOU13	BUSLOPV_NCENT_IDR_WS_TOU13
BUS	LOPV	NCENT	NIDR	NWS	NOTOU	BUSLOPV_NCENT_NIDR_NWS_NOTOU
BUS	LOPV	NCENT	NIDR	NWS	TOU01	BUSLOPV_NCENT_NIDR_NWS_TOU01
BUS	LOPV	NCENT	NIDR	NWS	TOU02	BUSLOPV_NCENT_NIDR_NWS_TOU02
BUS	LOPV	NCENT	NIDR	NWS	TOU11	BUSLOPV_NCENT_NIDR_NWS_TOU11
BUS	LOPV	NCENT	NIDR	NWS	TOU12	BUSLOPV_NCENT_NIDR_NWS_TOU12
BUS	LOPV	NCENT	NIDR	NWS	TOU13	BUSLOPV_NCENT_NIDR_NWS_TOU13
BUS	LOPV	NORTH	IDR	WS	NOTOU	BUSLOPV_NORTH_IDR_WS_NOTOU
BUS	LOPV	NORTH	IDR	WS	TOU01	BUSLOPV_NORTH_IDR_WS_TOU01
BUS	LOPV	NORTH	IDR	WS	TOU02	BUSLOPV_NORTH_IDR_WS_TOU02
BUS	LOPV	NORTH	IDR	WS	TOU11	BUSLOPV_NORTH_IDR_WS_TOU11
BUS	LOPV	NORTH	IDR	WS	TOU12	BUSLOPV_NORTH_IDR_WS_TOU12
BUS	LOPV	NORTH	IDR	WS	TOU13	BUSLOPV_NORTH_IDR_WS_TOU13
BUS	LOPV	NORTH	NIDR	NWS	NOTOU	BUSLOPV_NORTH_NIDR_NWS_NOTOU
BUS	LOPV	NORTH	NIDR	NWS	TOU01	BUSLOPV_NORTH_NIDR_NWS_TOU01
BUS	LOPV	NORTH	NIDR	NWS	TOU02	BUSLOPV_NORTH_NIDR_NWS_TOU02
BUS	LOPV	NORTH	NIDR	NWS	TOU11	BUSLOPV_NORTH_NIDR_NWS_TOU11
BUS	LOPV	NORTH	NIDR	NWS	TOU12	BUSLOPV_NORTH_NIDR_NWS_TOU12
BUS	LOPV	NORTH	NIDR	NWS	TOU13	BUSLOPV_NORTH_NIDR_NWS_TOU13
BUS	LOPV	SCENT	IDR	WS	NOTOU	BUSLOPV_SCENT_IDR_WS_NOTOU
BUS	LOPV	SCENT	IDR	WS	TOU01	BUSLOPV_SCENT_IDR_WS_TOU01
BUS	LOPV	SCENT	IDR	WS	TOU02	BUSLOPV_SCENT_IDR_WS_TOU02
BUS	LOPV	SCENT	IDR	WS	TOU13	BUSLOPV_SCENT_IDR_WS_TOU13
BUS	LOPV	SCENT	NIDR	NWS	NOTOU	BUSLOPV_SCENT_NIDR_NWS_NOTOU
BUS	LOPV	SCENT	NIDR	NWS	TOU01	BUSLOPV_SCENT_NIDR_NWS_TOU01
BUS	LOPV	SCENT	NIDR	NWS	TOU02	BUSLOPV_SCENT_NIDR_NWS_TOU02
BUS	LOPV	SCENT	NIDR	NWS	TOU13	BUSLOPV_SCENT_NIDR_NWS_TOU13
BUS	LOPV	SOUTH	IDR	WS	NOTOU	BUSLOPV_SOUTH_IDR_WS_NOTOU
BUS	LOPV	SOUTH	NIDR	NWS	NOTOU	BUSLOPV_SOUTH_NIDR_NWS_NOTOU
BUS	LOPV	WEST	IDR	WS	NOTOU	BUSLOPV_WEST_IDR_WS_NOTOU
BUS	LOPV	WEST	IDR	WS	TOU01	BUSLOPV_WEST_IDR_WS_TOU01
BUS	LOPV	WEST	IDR	WS	TOU02	BUSLOPV_WEST_IDR_WS_TOU02
BUS	LOPV	WEST	IDR	WS	TOU13	BUSLOPV_WEST_IDR_WS_TOU13
BUS	LOPV	WEST	NIDR	NWS	NOTOU	BUSLOPV_WEST_NIDR_NWS_NOTOU
BUS	LOPV	WEST	NIDR	NWS	TOU01	BUSLOPV_WEST_NIDR_NWS_TOU01

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	LOPV	WEST	NIDR	NWS	TOU02	BUSLOPV_WEST_NIDR_NWS_TOU02
BUS	LOPV	WEST	NIDR	NWS	TOU13	BUSLOPV_WEST_NIDR_NWS_TOU13
BUS	LOWD	COAST	IDR	WS	NOTOU	BUSLOWD_COAST_IDR_WS_NOTOU
BUS	LOWD	COAST	IDR	WS	TOU11	BUSLOWD_COAST_IDR_WS_TOU11
BUS	LOWD	COAST	IDR	WS	TOU12	BUSLOWD_COAST_IDR_WS_TOU12
BUS	LOWD	COAST	NIDR	NWS	NOTOU	BUSLOWD_COAST_NIDR_NWS_NOTOU
BUS	LOWD	COAST	NIDR	NWS	TOU11	BUSLOWD_COAST_NIDR_NWS_TOU11
BUS	LOWD	COAST	NIDR	NWS	TOU12	BUSLOWD_COAST_NIDR_NWS_TOU12
BUS	LOWD	EAST	IDR	WS	NOTOU	BUSLOWD_EAST_IDR_WS_NOTOU
BUS	LOWD	EAST	IDR	WS	TOU01	BUSLOWD_EAST_IDR_WS_TOU01
BUS	LOWD	EAST	IDR	WS	TOU02	BUSLOWD_EAST_IDR_WS_TOU02
BUS	LOWD	EAST	IDR	WS	TOU11	BUSLOWD_EAST_IDR_WS_TOU11
BUS	LOWD	EAST	IDR	WS	TOU12	BUSLOWD_EAST_IDR_WS_TOU12
BUS	LOWD	EAST	IDR	WS	TOU13	BUSLOWD_EAST_IDR_WS_TOU13
BUS	LOWD	EAST	NIDR	NWS	NOTOU	BUSLOWD_EAST_NIDR_NWS_NOTOU
BUS	LOWD	EAST	NIDR	NWS	TOU01	BUSLOWD_EAST_NIDR_NWS_TOU01
BUS	LOWD	EAST	NIDR	NWS	TOU02	BUSLOWD_EAST_NIDR_NWS_TOU02
BUS	LOWD	EAST	NIDR	NWS	TOU11	BUSLOWD_EAST_NIDR_NWS_TOU11
BUS	LOWD	EAST	NIDR	NWS	TOU12	BUSLOWD_EAST_NIDR_NWS_TOU12
BUS	LOWD	EAST	NIDR	NWS	TOU13	BUSLOWD_EAST_NIDR_NWS_TOU13
BUS	LOWD	FWEST	IDR	WS	NOTOU	BUSLOWD_FWEST_IDR_WS_NOTOU
BUS	LOWD	FWEST	IDR	WS	TOU01	BUSLOWD_FWEST_IDR_WS_TOU01
BUS	LOWD	FWEST	IDR	WS	TOU02	BUSLOWD_FWEST_IDR_WS_TOU02
BUS	LOWD	FWEST	IDR	WS	TOU11	BUSLOWD_FWEST_IDR_WS_TOU11
BUS	LOWD	FWEST	IDR	WS	TOU12	BUSLOWD_FWEST_IDR_WS_TOU12
BUS	LOWD	FWEST	IDR	WS	TOU13	BUSLOWD_FWEST_IDR_WS_TOU13
BUS	LOWD	FWEST	NIDR	NWS	NOTOU	BUSLOWD_FWEST_NIDR_NWS_NOTOU
BUS	LOWD	FWEST	NIDR	NWS	TOU01	BUSLOWD_FWEST_NIDR_NWS_TOU01
BUS	LOWD	FWEST	NIDR	NWS	TOU02	BUSLOWD_FWEST_NIDR_NWS_TOU02
BUS	LOWD	FWEST	NIDR	NWS	TOU11	BUSLOWD_FWEST_NIDR_NWS_TOU11
BUS	LOWD	FWEST	NIDR	NWS	TOU12	BUSLOWD_FWEST_NIDR_NWS_TOU12
BUS	LOWD	FWEST	NIDR	NWS	TOU13	BUSLOWD_FWEST_NIDR_NWS_TOU13
BUS	LOWD	NCENT	IDR	WS	NOTOU	BUSLOWD_NCENT_IDR_WS_NOTOU
BUS	LOWD	NCENT	IDR	WS	TOU01	BUSLOWD_NCENT_IDR_WS_TOU01
BUS	LOWD	NCENT	IDR	WS	TOU02	BUSLOWD_NCENT_IDR_WS_TOU02
BUS	LOWD	NCENT	IDR	WS	TOU11	BUSLOWD_NCENT_IDR_WS_TOU11
BUS	LOWD	NCENT	IDR	WS	TOU12	BUSLOWD_NCENT_IDR_WS_TOU12
BUS	LOWD	NCENT	IDR	WS	TOU13	BUSLOWD_NCENT_IDR_WS_TOU13
BUS	LOWD	NCENT	NIDR	NWS	NOTOU	BUSLOWD_NCENT_NIDR_NWS_NOTOU
BUS	LOWD	NCENT	NIDR	NWS	TOU01	BUSLOWD_NCENT_NIDR_NWS_TOU01
BUS	LOWD	NCENT	NIDR	NWS	TOU02	BUSLOWD_NCENT_NIDR_NWS_TOU02
BUS	LOWD	NCENT	NIDR	NWS	TOU11	BUSLOWD_NCENT_NIDR_NWS_TOU11
BUS	LOWD	NCENT	NIDR	NWS	TOU12	BUSLOWD_NCENT_NIDR_NWS_TOU12
BUS	LOWD	NCENT	NIDR	NWS	TOU13	BUSLOWD_NCENT_NIDR_NWS_TOU13
BUS	LOWD	NORTH	IDR	WS	NOTOU	BUSLOWD_NORTH_IDR_WS_NOTOU
BUS	LOWD	NORTH	IDR	WS	TOU01	BUSLOWD_NORTH_IDR_WS_TOU01
BUS	LOWD	NORTH	IDR	WS	TOU02	BUSLOWD_NORTH_IDR_WS_TOU02
BUS	LOWD	NORTH	IDR	WS	TOU11	BUSLOWD_NORTH_IDR_WS_TOU11
BUS	LOWD	NORTH	IDR	WS	TOU12	BUSLOWD_NORTH_IDR_WS_TOU12
BUS	LOWD	NORTH	IDR	WS	TOU13	BUSLOWD_NORTH_IDR_WS_TOU13
BUS	LOWD	NORTH	NIDR	NWS	NOTOU	BUSLOWD_NORTH_NIDR_NWS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	LOWD	NORTH	NIDR	NWS	TOU01	BUSLOWD_NORTH_NIDR_NWS_TOU01
BUS	LOWD	NORTH	NIDR	NWS	TOU02	BUSLOWD_NORTH_NIDR_NWS_TOU02
BUS	LOWD	NORTH	NIDR	NWS	TOU11	BUSLOWD_NORTH_NIDR_NWS_TOU11
BUS	LOWD	NORTH	NIDR	NWS	TOU12	BUSLOWD_NORTH_NIDR_NWS_TOU12
BUS	LOWD	NORTH	NIDR	NWS	TOU13	BUSLOWD_NORTH_NIDR_NWS_TOU13
BUS	LOWD	SCENT	IDR	WS	NOTOU	BUSLOWD_SCENT_IDR_WS_NOTOU
BUS	LOWD	SCENT	IDR	WS	TOU01	BUSLOWD_SCENT_IDR_WS_TOU01
BUS	LOWD	SCENT	IDR	WS	TOU02	BUSLOWD_SCENT_IDR_WS_TOU02
BUS	LOWD	SCENT	IDR	WS	TOU13	BUSLOWD_SCENT_IDR_WS_TOU13
BUS	LOWD	SCENT	NIDR	NWS	NOTOU	BUSLOWD_SCENT_NIDR_NWS_NOTOU
BUS	LOWD	SCENT	NIDR	NWS	TOU01	BUSLOWD_SCENT_NIDR_NWS_TOU01
BUS	LOWD	SCENT	NIDR	NWS	TOU02	BUSLOWD_SCENT_NIDR_NWS_TOU02
BUS	LOWD	SCENT	NIDR	NWS	TOU13	BUSLOWD_SCENT_NIDR_NWS_TOU13
BUS	LOWD	SOUTH	IDR	WS	NOTOU	BUSLOWD_SOUTH_IDR_WS_NOTOU
BUS	LOWD	SOUTH	NIDR	NWS	NOTOU	BUSLOWD_SOUTH_NIDR_NWS_NOTOU
BUS	LOWD	WEST	IDR	WS	NOTOU	BUSLOWD_WEST_IDR_WS_NOTOU
BUS	LOWD	WEST	IDR	WS	TOU01	BUSLOWD_WEST_IDR_WS_TOU01
BUS	LOWD	WEST	IDR	WS	TOU02	BUSLOWD_WEST_IDR_WS_TOU02
BUS	LOWD	WEST	IDR	WS	TOU13	BUSLOWD_WEST_IDR_WS_TOU13
BUS	LOWD	WEST	NIDR	NWS	NOTOU	BUSLOWD_WEST_NIDR_NWS_NOTOU
BUS	LOWD	WEST	NIDR	NWS	TOU01	BUSLOWD_WEST_NIDR_NWS_TOU01
BUS	LOWD	WEST	NIDR	NWS	TOU02	BUSLOWD_WEST_NIDR_NWS_TOU02
BUS	LOWD	WEST	NIDR	NWS	TOU13	BUSLOWD_WEST_NIDR_NWS_TOU13
BUS	MEDDG	COAST	IDR	WS	NOTOU	BUSMEDDG_COAST_IDR_WS_NOTOU
BUS	MEDDG	COAST	NIDR	NWS	NOTOU	BUSMEDDG_COAST_NIDR_NWS_NOTOU
BUS	MEDDG	EAST	IDR	WS	NOTOU	BUSMEDDG_EAST_IDR_WS_NOTOU
BUS	MEDDG	EAST	NIDR	NWS	NOTOU	BUSMEDDG_EAST_NIDR_NWS_NOTOU
BUS	MEDDG	FWEST	IDR	WS	NOTOU	BUSMEDDG_FWEST_IDR_WS_NOTOU
BUS	MEDDG	FWEST	NIDR	NWS	NOTOU	BUSMEDDG_FWEST_NIDR_NWS_NOTOU
BUS	MEDDG	NCENT	IDR	WS	NOTOU	BUSMEDDG_NCENT_IDR_WS_NOTOU
BUS	MEDDG	NCENT	NIDR	NWS	NOTOU	BUSMEDDG_NCENT_NIDR_NWS_NOTOU
BUS	MEDDG	NORTH	IDR	WS	NOTOU	BUSMEDDG_NORTH_IDR_WS_NOTOU
BUS	MEDDG	NORTH	NIDR	NWS	NOTOU	BUSMEDDG_NORTH_NIDR_NWS_NOTOU
BUS	MEDDG	SCENT	IDR	WS	NOTOU	BUSMEDDG_SCENT_IDR_WS_NOTOU
BUS	MEDDG	SCENT	NIDR	NWS	NOTOU	BUSMEDDG_SCENT_NIDR_NWS_NOTOU
BUS	MEDDG	SOUTH	IDR	WS	NOTOU	BUSMEDDG_SOUTH_IDR_WS_NOTOU
BUS	MEDDG	SOUTH	NIDR	NWS	NOTOU	BUSMEDDG_SOUTH_NIDR_NWS_NOTOU
BUS	MEDDG	WEST	IDR	WS	NOTOU	BUSMEDDG_WEST_IDR_WS_NOTOU
BUS	MEDDG	WEST	NIDR	NWS	NOTOU	BUSMEDDG_WEST_NIDR_NWS_NOTOU
BUS	MEDLF	COAST	IDR	WS	NOTOU	BUSMEDLF_COAST_IDR_WS_NOTOU
BUS	MEDLF	COAST	IDR	WS	TOU11	BUSMEDLF_COAST_IDR_WS_TOU11
BUS	MEDLF	COAST	IDR	WS	TOU12	BUSMEDLF_COAST_IDR_WS_TOU12
BUS	MEDLF	COAST	NIDR	NWS	NOTOU	BUSMEDLF_COAST_NIDR_NWS_NOTOU
BUS	MEDLF	COAST	NIDR	NWS	TOU11	BUSMEDLF_COAST_NIDR_NWS_TOU11
BUS	MEDLF	COAST	NIDR	NWS	TOU12	BUSMEDLF_COAST_NIDR_NWS_TOU12
BUS	MEDLF	EAST	IDR	WS	NOTOU	BUSMEDLF_EAST_IDR_WS_NOTOU
BUS	MEDLF	EAST	IDR	WS	TOU01	BUSMEDLF_EAST_IDR_WS_TOU01
BUS	MEDLF	EAST	IDR	WS	TOU02	BUSMEDLF_EAST_IDR_WS_TOU02
BUS	MEDLF	EAST	IDR	WS	TOU11	BUSMEDLF_EAST_IDR_WS_TOU11
BUS	MEDLF	EAST	IDR	WS	TOU12	BUSMEDLF_EAST_IDR_WS_TOU12
BUS	MEDLF	EAST	IDR	WS	TOU13	BUSMEDLF_EAST_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	MEDLF	EAST	NIDR	NWS	NOTOU	BUSMEDLF_EAST_NIDR_NWS_NOTOU
BUS	MEDLF	EAST	NIDR	NWS	TOU01	BUSMEDLF_EAST_NIDR_NWS_TOU01
BUS	MEDLF	EAST	NIDR	NWS	TOU02	BUSMEDLF_EAST_NIDR_NWS_TOU02
BUS	MEDLF	EAST	NIDR	NWS	TOU11	BUSMEDLF_EAST_NIDR_NWS_TOU11
BUS	MEDLF	EAST	NIDR	NWS	TOU12	BUSMEDLF_EAST_NIDR_NWS_TOU12
BUS	MEDLF	EAST	NIDR	NWS	TOU13	BUSMEDLF_EAST_NIDR_NWS_TOU13
BUS	MEDLF	FWEST	IDR	WS	NOTOU	BUSMEDLF_FWEST_IDR_WS_NOTOU
BUS	MEDLF	FWEST	IDR	WS	TOU01	BUSMEDLF_FWEST_IDR_WS_TOU01
BUS	MEDLF	FWEST	IDR	WS	TOU02	BUSMEDLF_FWEST_IDR_WS_TOU02
BUS	MEDLF	FWEST	IDR	WS	TOU11	BUSMEDLF_FWEST_IDR_WS_TOU11
BUS	MEDLF	FWEST	IDR	WS	TOU12	BUSMEDLF_FWEST_IDR_WS_TOU12
BUS	MEDLF	FWEST	IDR	WS	TOU13	BUSMEDLF_FWEST_IDR_WS_TOU13
BUS	MEDLF	FWEST	NIDR	NWS	NOTOU	BUSMEDLF_FWEST_NIDR_NWS_NOTOU
BUS	MEDLF	FWEST	NIDR	NWS	TOU01	BUSMEDLF_FWEST_NIDR_NWS_TOU01
BUS	MEDLF	FWEST	NIDR	NWS	TOU02	BUSMEDLF_FWEST_NIDR_NWS_TOU02
BUS	MEDLF	FWEST	NIDR	NWS	TOU11	BUSMEDLF_FWEST_NIDR_NWS_TOU11
BUS	MEDLF	FWEST	NIDR	NWS	TOU12	BUSMEDLF_FWEST_NIDR_NWS_TOU12
BUS	MEDLF	FWEST	NIDR	NWS	TOU13	BUSMEDLF_FWEST_NIDR_NWS_TOU13
BUS	MEDLF	NCENT	IDR	WS	NOTOU	BUSMEDLF_NCENT_IDR_WS_NOTOU
BUS	MEDLF	NCENT	IDR	WS	TOU01	BUSMEDLF_NCENT_IDR_WS_TOU01
BUS	MEDLF	NCENT	IDR	WS	TOU02	BUSMEDLF_NCENT_IDR_WS_TOU02
BUS	MEDLF	NCENT	IDR	WS	TOU11	BUSMEDLF_NCENT_IDR_WS_TOU11
BUS	MEDLF	NCENT	IDR	WS	TOU12	BUSMEDLF_NCENT_IDR_WS_TOU12
BUS	MEDLF	NCENT	IDR	WS	TOU13	BUSMEDLF_NCENT_IDR_WS_TOU13
BUS	MEDLF	NCENT	NIDR	NWS	NOTOU	BUSMEDLF_NCENT_NIDR_NWS_NOTOU
BUS	MEDLF	NCENT	NIDR	NWS	TOU01	BUSMEDLF_NCENT_NIDR_NWS_TOU01
BUS	MEDLF	NCENT	NIDR	NWS	TOU02	BUSMEDLF_NCENT_NIDR_NWS_TOU02
BUS	MEDLF	NCENT	NIDR	NWS	TOU11	BUSMEDLF_NCENT_NIDR_NWS_TOU11
BUS	MEDLF	NCENT	NIDR	NWS	TOU12	BUSMEDLF_NCENT_NIDR_NWS_TOU12
BUS	MEDLF	NCENT	NIDR	NWS	TOU13	BUSMEDLF_NCENT_NIDR_NWS_TOU13
BUS	MEDLF	NORTH	IDR	WS	NOTOU	BUSMEDLF_NORTH_IDR_WS_NOTOU
BUS	MEDLF	NORTH	IDR	WS	TOU01	BUSMEDLF_NORTH_IDR_WS_TOU01
BUS	MEDLF	NORTH	IDR	WS	TOU02	BUSMEDLF_NORTH_IDR_WS_TOU02
BUS	MEDLF	NORTH	IDR	WS	TOU11	BUSMEDLF_NORTH_IDR_WS_TOU11
BUS	MEDLF	NORTH	IDR	WS	TOU12	BUSMEDLF_NORTH_IDR_WS_TOU12
BUS	MEDLF	NORTH	IDR	WS	TOU13	BUSMEDLF_NORTH_IDR_WS_TOU13
BUS	MEDLF	NORTH	NIDR	NWS	NOTOU	BUSMEDLF_NORTH_NIDR_NWS_NOTOU
BUS	MEDLF	NORTH	NIDR	NWS	TOU01	BUSMEDLF_NORTH_NIDR_NWS_TOU01
BUS	MEDLF	NORTH	NIDR	NWS	TOU02	BUSMEDLF_NORTH_NIDR_NWS_TOU02
BUS	MEDLF	NORTH	NIDR	NWS	TOU11	BUSMEDLF_NORTH_NIDR_NWS_TOU11
BUS	MEDLF	NORTH	NIDR	NWS	TOU12	BUSMEDLF_NORTH_NIDR_NWS_TOU12
BUS	MEDLF	NORTH	NIDR	NWS	TOU13	BUSMEDLF_NORTH_NIDR_NWS_TOU13
BUS	MEDLF	SCENT	IDR	WS	NOTOU	BUSMEDLF_SCENT_IDR_WS_NOTOU
BUS	MEDLF	SCENT	IDR	WS	TOU01	BUSMEDLF_SCENT_IDR_WS_TOU01
BUS	MEDLF	SCENT	IDR	WS	TOU02	BUSMEDLF_SCENT_IDR_WS_TOU02
BUS	MEDLF	SCENT	IDR	WS	TOU13	BUSMEDLF_SCENT_IDR_WS_TOU13
BUS	MEDLF	SCENT	NIDR	NWS	NOTOU	BUSMEDLF_SCENT_NIDR_NWS_NOTOU
BUS	MEDLF	SCENT	NIDR	NWS	TOU01	BUSMEDLF_SCENT_NIDR_NWS_TOU01
BUS	MEDLF	SCENT	NIDR	NWS	TOU02	BUSMEDLF_SCENT_NIDR_NWS_TOU02
BUS	MEDLF	SCENT	NIDR	NWS	TOU13	BUSMEDLF_SCENT_NIDR_NWS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	MEDLF	SOUTH	IDR	WS	NOTOU	BUSMEDLF_SOUTH_IDR_WS_NOTOU
BUS	MEDLF	SOUTH	NIDR	NWS	NOTOU	BUSMEDLF_SOUTH_NIDR_NWS_NOTOU
BUS	MEDLF	WEST	IDR	WS	NOTOU	BUSMEDLF_WEST_IDR_WS_NOTOU
BUS	MEDLF	WEST	IDR	WS	TOU01	BUSMEDLF_WEST_IDR_WS_TOU01
BUS	MEDLF	WEST	IDR	WS	TOU02	BUSMEDLF_WEST_IDR_WS_TOU02
BUS	MEDLF	WEST	IDR	WS	TOU13	BUSMEDLF_WEST_IDR_WS_TOU13
BUS	MEDLF	WEST	NIDR	NWS	NOTOU	BUSMEDLF_WEST_NIDR_NWS_NOTOU
BUS	MEDLF	WEST	NIDR	NWS	TOU01	BUSMEDLF_WEST_NIDR_NWS_TOU01
BUS	MEDLF	WEST	NIDR	NWS	TOU02	BUSMEDLF_WEST_NIDR_NWS_TOU02
BUS	MEDLF	WEST	NIDR	NWS	TOU13	BUSMEDLF_WEST_NIDR_NWS_TOU13
BUS	MEDPV	COAST	IDR	WS	NOTOU	BUSMEDPV_COAST_IDR_WS_NOTOU
BUS	MEDPV	COAST	IDR	WS	TOU11	BUSMEDPV_COAST_IDR_WS_TOU11
BUS	MEDPV	COAST	IDR	WS	TOU12	BUSMEDPV_COAST_IDR_WS_TOU12
BUS	MEDPV	COAST	NIDR	NWS	NOTOU	BUSMEDPV_COAST_NIDR_NWS_NOTOU
BUS	MEDPV	COAST	NIDR	NWS	TOU11	BUSMEDPV_COAST_NIDR_NWS_TOU11
BUS	MEDPV	COAST	NIDR	NWS	TOU12	BUSMEDPV_COAST_NIDR_NWS_TOU12
BUS	MEDPV	EAST	IDR	WS	NOTOU	BUSMEDPV_EAST_IDR_WS_NOTOU
BUS	MEDPV	EAST	IDR	WS	TOU01	BUSMEDPV_EAST_IDR_WS_TOU01
BUS	MEDPV	EAST	IDR	WS	TOU02	BUSMEDPV_EAST_IDR_WS_TOU02
BUS	MEDPV	EAST	IDR	WS	TOU11	BUSMEDPV_EAST_IDR_WS_TOU11
BUS	MEDPV	EAST	IDR	WS	TOU12	BUSMEDPV_EAST_IDR_WS_TOU12
BUS	MEDPV	EAST	IDR	WS	TOU13	BUSMEDPV_EAST_IDR_WS_TOU13
BUS	MEDPV	EAST	NIDR	NWS	NOTOU	BUSMEDPV_EAST_NIDR_NWS_NOTOU
BUS	MEDPV	EAST	NIDR	NWS	TOU01	BUSMEDPV_EAST_NIDR_NWS_TOU01
BUS	MEDPV	EAST	NIDR	NWS	TOU02	BUSMEDPV_EAST_NIDR_NWS_TOU02
BUS	MEDPV	EAST	NIDR	NWS	TOU11	BUSMEDPV_EAST_NIDR_NWS_TOU11
BUS	MEDPV	EAST	NIDR	NWS	TOU12	BUSMEDPV_EAST_NIDR_NWS_TOU12
BUS	MEDPV	EAST	NIDR	NWS	TOU13	BUSMEDPV_EAST_NIDR_NWS_TOU13
BUS	MEDPV	FWEST	IDR	WS	NOTOU	BUSMEDPV_FWEST_IDR_WS_NOTOU
BUS	MEDPV	FWEST	IDR	WS	TOU01	BUSMEDPV_FWEST_IDR_WS_TOU01
BUS	MEDPV	FWEST	IDR	WS	TOU02	BUSMEDPV_FWEST_IDR_WS_TOU02
BUS	MEDPV	FWEST	IDR	WS	TOU11	BUSMEDPV_FWEST_IDR_WS_TOU11
BUS	MEDPV	FWEST	IDR	WS	TOU12	BUSMEDPV_FWEST_IDR_WS_TOU12
BUS	MEDPV	FWEST	IDR	WS	TOU13	BUSMEDPV_FWEST_IDR_WS_TOU13
BUS	MEDPV	FWEST	NIDR	NWS	NOTOU	BUSMEDPV_FWEST_NIDR_NWS_NOTOU
BUS	MEDPV	FWEST	NIDR	NWS	TOU01	BUSMEDPV_FWEST_NIDR_NWS_TOU01
BUS	MEDPV	FWEST	NIDR	NWS	TOU02	BUSMEDPV_FWEST_NIDR_NWS_TOU02
BUS	MEDPV	FWEST	NIDR	NWS	TOU11	BUSMEDPV_FWEST_NIDR_NWS_TOU11
BUS	MEDPV	FWEST	NIDR	NWS	TOU12	BUSMEDPV_FWEST_NIDR_NWS_TOU12
BUS	MEDPV	FWEST	NIDR	NWS	TOU13	BUSMEDPV_FWEST_NIDR_NWS_TOU13
BUS	MEDPV	NCENT	IDR	WS	NOTOU	BUSMEDPV_NCENT_IDR_WS_NOTOU
BUS	MEDPV	NCENT	IDR	WS	TOU01	BUSMEDPV_NCENT_IDR_WS_TOU01
BUS	MEDPV	NCENT	IDR	WS	TOU02	BUSMEDPV_NCENT_IDR_WS_TOU02
BUS	MEDPV	NCENT	IDR	WS	TOU11	BUSMEDPV_NCENT_IDR_WS_TOU11
BUS	MEDPV	NCENT	IDR	WS	TOU12	BUSMEDPV_NCENT_IDR_WS_TOU12
BUS	MEDPV	NCENT	IDR	WS	TOU13	BUSMEDPV_NCENT_IDR_WS_TOU13
BUS	MEDPV	NCENT	NIDR	NWS	NOTOU	BUSMEDPV_NCENT_NIDR_NWS_NOTOU
BUS	MEDPV	NCENT	NIDR	NWS	TOU01	BUSMEDPV_NCENT_NIDR_NWS_TOU01
BUS	MEDPV	NCENT	NIDR	NWS	TOU02	BUSMEDPV_NCENT_NIDR_NWS_TOU02
BUS	MEDPV	NCENT	NIDR	NWS	TOU11	BUSMEDPV_NCENT_NIDR_NWS_TOU11

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	MEDPV	NCENT	NIDR	NWS	TOU12	BUSMEDPV_NCENT_NIDR_NWS_TOU12
BUS	MEDPV	NCENT	NIDR	NWS	TOU13	BUSMEDPV_NCENT_NIDR_NWS_TOU13
BUS	MEDPV	NORTH	IDR	WS	NOTOU	BUSMEDPV_NORTH_IDR_WS_NOTOU
BUS	MEDPV	NORTH	IDR	WS	TOU01	BUSMEDPV_NORTH_IDR_WS_TOU01
BUS	MEDPV	NORTH	IDR	WS	TOU02	BUSMEDPV_NORTH_IDR_WS_TOU02
BUS	MEDPV	NORTH	IDR	WS	TOU11	BUSMEDPV_NORTH_IDR_WS_TOU11
BUS	MEDPV	NORTH	IDR	WS	TOU12	BUSMEDPV_NORTH_IDR_WS_TOU12
BUS	MEDPV	NORTH	IDR	WS	TOU13	BUSMEDPV_NORTH_IDR_WS_TOU13
BUS	MEDPV	NORTH	NIDR	NWS	NOTOU	BUSMEDPV_NORTH_NIDR_NWS_NOTOU
BUS	MEDPV	NORTH	NIDR	NWS	TOU01	BUSMEDPV_NORTH_NIDR_NWS_TOU01
BUS	MEDPV	NORTH	NIDR	NWS	TOU02	BUSMEDPV_NORTH_NIDR_NWS_TOU02
BUS	MEDPV	NORTH	NIDR	NWS	TOU11	BUSMEDPV_NORTH_NIDR_NWS_TOU11
BUS	MEDPV	NORTH	NIDR	NWS	TOU12	BUSMEDPV_NORTH_NIDR_NWS_TOU12
BUS	MEDPV	NORTH	NIDR	NWS	TOU13	BUSMEDPV_NORTH_NIDR_NWS_TOU13
BUS	MEDPV	SCENT	IDR	WS	NOTOU	BUSMEDPV_SCENT_IDR_WS_NOTOU
BUS	MEDPV	SCENT	IDR	WS	TOU01	BUSMEDPV_SCENT_IDR_WS_TOU01
BUS	MEDPV	SCENT	IDR	WS	TOU02	BUSMEDPV_SCENT_IDR_WS_TOU02
BUS	MEDPV	SCENT	IDR	WS	TOU13	BUSMEDPV_SCENT_IDR_WS_TOU13
BUS	MEDPV	SCENT	NIDR	NWS	NOTOU	BUSMEDPV_SCENT_NIDR_NWS_NOTOU
BUS	MEDPV	SCENT	NIDR	NWS	TOU01	BUSMEDPV_SCENT_NIDR_NWS_TOU01
BUS	MEDPV	SCENT	NIDR	NWS	TOU02	BUSMEDPV_SCENT_NIDR_NWS_TOU02
BUS	MEDPV	SCENT	NIDR	NWS	TOU13	BUSMEDPV_SCENT_NIDR_NWS_TOU13
BUS	MEDPV	SOUTH	IDR	WS	NOTOU	BUSMEDPV_SOUTH_IDR_WS_NOTOU
BUS	MEDPV	SOUTH	NIDR	NWS	NOTOU	BUSMEDPV_SOUTH_NIDR_NWS_NOTOU
BUS	MEDPV	WEST	IDR	WS	NOTOU	BUSMEDPV_WEST_IDR_WS_NOTOU
BUS	MEDPV	WEST	IDR	WS	TOU01	BUSMEDPV_WEST_IDR_WS_TOU01
BUS	MEDPV	WEST	IDR	WS	TOU02	BUSMEDPV_WEST_IDR_WS_TOU02
BUS	MEDPV	WEST	IDR	WS	TOU13	BUSMEDPV_WEST_IDR_WS_TOU13
BUS	MEDPV	WEST	NIDR	NWS	NOTOU	BUSMEDPV_WEST_NIDR_NWS_NOTOU
BUS	MEDPV	WEST	NIDR	NWS	TOU01	BUSMEDPV_WEST_NIDR_NWS_TOU01
BUS	MEDPV	WEST	NIDR	NWS	TOU02	BUSMEDPV_WEST_NIDR_NWS_TOU02
BUS	MEDPV	WEST	NIDR	NWS	TOU13	BUSMEDPV_WEST_NIDR_NWS_TOU13
BUS	MEDWD	COAST	IDR	WS	NOTOU	BUSMEDWD_COAST_IDR_WS_NOTOU
BUS	MEDWD	COAST	IDR	WS	TOU11	BUSMEDWD_COAST_IDR_WS_TOU11
BUS	MEDWD	COAST	IDR	WS	TOU12	BUSMEDWD_COAST_IDR_WS_TOU12
BUS	MEDWD	COAST	NIDR	NWS	NOTOU	BUSMEDWD_COAST_NIDR_NWS_NOTOU
BUS	MEDWD	COAST	NIDR	NWS	TOU11	BUSMEDWD_COAST_NIDR_NWS_TOU11
BUS	MEDWD	COAST	NIDR	NWS	TOU12	BUSMEDWD_COAST_NIDR_NWS_TOU12
BUS	MEDWD	EAST	IDR	WS	NOTOU	BUSMEDWD_EAST_IDR_WS_NOTOU
BUS	MEDWD	EAST	IDR	WS	TOU01	BUSMEDWD_EAST_IDR_WS_TOU01
BUS	MEDWD	EAST	IDR	WS	TOU02	BUSMEDWD_EAST_IDR_WS_TOU02
BUS	MEDWD	EAST	IDR	WS	TOU11	BUSMEDWD_EAST_IDR_WS_TOU11
BUS	MEDWD	EAST	IDR	WS	TOU12	BUSMEDWD_EAST_IDR_WS_TOU12
BUS	MEDWD	EAST	IDR	WS	TOU13	BUSMEDWD_EAST_IDR_WS_TOU13
BUS	MEDWD	EAST	NIDR	NWS	NOTOU	BUSMEDWD_EAST_NIDR_NWS_NOTOU
BUS	MEDWD	EAST	NIDR	NWS	TOU01	BUSMEDWD_EAST_NIDR_NWS_TOU01
BUS	MEDWD	EAST	NIDR	NWS	TOU02	BUSMEDWD_EAST_NIDR_NWS_TOU02
BUS	MEDWD	EAST	NIDR	NWS	TOU11	BUSMEDWD_EAST_NIDR_NWS_TOU11
BUS	MEDWD	EAST	NIDR	NWS	TOU12	BUSMEDWD_EAST_NIDR_NWS_TOU12
BUS	MEDWD	EAST	NIDR	NWS	TOU13	BUSMEDWD_EAST_NIDR_NWS_TOU13
BUS	MEDWD	FWEST	IDR	WS	NOTOU	BUSMEDWD_FWEST_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	MEDWD	FWEST	IDR	WS	TOU01	BUSMEDWD_FWEST_IDR_WS_TOU01
BUS	MEDWD	FWEST	IDR	WS	TOU02	BUSMEDWD_FWEST_IDR_WS_TOU02
BUS	MEDWD	FWEST	IDR	WS	TOU11	BUSMEDWD_FWEST_IDR_WS_TOU11
BUS	MEDWD	FWEST	IDR	WS	TOU12	BUSMEDWD_FWEST_IDR_WS_TOU12
BUS	MEDWD	FWEST	IDR	WS	TOU13	BUSMEDWD_FWEST_IDR_WS_TOU13
BUS	MEDWD	FWEST	NIDR	NWS	NOTOU	BUSMEDWD_FWEST_NIDR_NWS_NOTOU
BUS	MEDWD	FWEST	NIDR	NWS	TOU01	BUSMEDWD_FWEST_NIDR_NWS_TOU01
BUS	MEDWD	FWEST	NIDR	NWS	TOU02	BUSMEDWD_FWEST_NIDR_NWS_TOU02
BUS	MEDWD	FWEST	NIDR	NWS	TOU11	BUSMEDWD_FWEST_NIDR_NWS_TOU11
BUS	MEDWD	FWEST	NIDR	NWS	TOU12	BUSMEDWD_FWEST_NIDR_NWS_TOU12
BUS	MEDWD	FWEST	NIDR	NWS	TOU13	BUSMEDWD_FWEST_NIDR_NWS_TOU13
BUS	MEDWD	NCENT	IDR	WS	NOTOU	BUSMEDWD_NCENT_IDR_WS_NOTOU
BUS	MEDWD	NCENT	IDR	WS	TOU01	BUSMEDWD_NCENT_IDR_WS_TOU01
BUS	MEDWD	NCENT	IDR	WS	TOU02	BUSMEDWD_NCENT_IDR_WS_TOU02
BUS	MEDWD	NCENT	IDR	WS	TOU11	BUSMEDWD_NCENT_IDR_WS_TOU11
BUS	MEDWD	NCENT	IDR	WS	TOU12	BUSMEDWD_NCENT_IDR_WS_TOU12
BUS	MEDWD	NCENT	IDR	WS	TOU13	BUSMEDWD_NCENT_IDR_WS_TOU13
BUS	MEDWD	NCENT	NIDR	NWS	NOTOU	BUSMEDWD_NCENT_NIDR_NWS_NOTOU
BUS	MEDWD	NCENT	NIDR	NWS	TOU01	BUSMEDWD_NCENT_NIDR_NWS_TOU01
BUS	MEDWD	NCENT	NIDR	NWS	TOU02	BUSMEDWD_NCENT_NIDR_NWS_TOU02
BUS	MEDWD	NCENT	NIDR	NWS	TOU11	BUSMEDWD_NCENT_NIDR_NWS_TOU11
BUS	MEDWD	NCENT	NIDR	NWS	TOU12	BUSMEDWD_NCENT_NIDR_NWS_TOU12
BUS	MEDWD	NCENT	NIDR	NWS	TOU13	BUSMEDWD_NCENT_NIDR_NWS_TOU13
BUS	MEDWD	NORTH	IDR	WS	NOTOU	BUSMEDWD_NORTH_IDR_WS_NOTOU
BUS	MEDWD	NORTH	IDR	WS	TOU01	BUSMEDWD_NORTH_IDR_WS_TOU01
BUS	MEDWD	NORTH	IDR	WS	TOU02	BUSMEDWD_NORTH_IDR_WS_TOU02
BUS	MEDWD	NORTH	IDR	WS	TOU11	BUSMEDWD_NORTH_IDR_WS_TOU11
BUS	MEDWD	NORTH	IDR	WS	TOU12	BUSMEDWD_NORTH_IDR_WS_TOU12
BUS	MEDWD	NORTH	IDR	WS	TOU13	BUSMEDWD_NORTH_IDR_WS_TOU13
BUS	MEDWD	NORTH	NIDR	NWS	NOTOU	BUSMEDWD_NORTH_NIDR_NWS_NOTOU
BUS	MEDWD	NORTH	NIDR	NWS	TOU01	BUSMEDWD_NORTH_NIDR_NWS_TOU01
BUS	MEDWD	NORTH	NIDR	NWS	TOU02	BUSMEDWD_NORTH_NIDR_NWS_TOU02
BUS	MEDWD	NORTH	NIDR	NWS	TOU11	BUSMEDWD_NORTH_NIDR_NWS_TOU11
BUS	MEDWD	NORTH	NIDR	NWS	TOU12	BUSMEDWD_NORTH_NIDR_NWS_TOU12
BUS	MEDWD	NORTH	NIDR	NWS	TOU13	BUSMEDWD_NORTH_NIDR_NWS_TOU13
BUS	MEDWD	SCENT	IDR	WS	NOTOU	BUSMEDWD_SCENT_IDR_WS_NOTOU
BUS	MEDWD	SCENT	IDR	WS	TOU01	BUSMEDWD_SCENT_IDR_WS_TOU01
BUS	MEDWD	SCENT	IDR	WS	TOU02	BUSMEDWD_SCENT_IDR_WS_TOU02
BUS	MEDWD	SCENT	IDR	WS	TOU13	BUSMEDWD_SCENT_IDR_WS_TOU13
BUS	MEDWD	SCENT	NIDR	NWS	NOTOU	BUSMEDWD_SCENT_NIDR_NWS_NOTOU
BUS	MEDWD	SCENT	NIDR	NWS	TOU01	BUSMEDWD_SCENT_NIDR_NWS_TOU01
BUS	MEDWD	SCENT	NIDR	NWS	TOU02	BUSMEDWD_SCENT_NIDR_NWS_TOU02
BUS	MEDWD	SCENT	NIDR	NWS	TOU13	BUSMEDWD_SCENT_NIDR_NWS_TOU13
BUS	MEDWD	SOUTH	IDR	WS	NOTOU	BUSMEDWD_SOUTH_IDR_WS_NOTOU
BUS	MEDWD	SOUTH	NIDR	NWS	NOTOU	BUSMEDWD_SOUTH_NIDR_NWS_NOTOU
BUS	MEDWD	WEST	IDR	WS	NOTOU	BUSMEDWD_WEST_IDR_WS_NOTOU
BUS	MEDWD	WEST	IDR	WS	TOU01	BUSMEDWD_WEST_IDR_WS_TOU01
BUS	MEDWD	WEST	IDR	WS	TOU02	BUSMEDWD_WEST_IDR_WS_TOU02
BUS	MEDWD	WEST	IDR	WS	TOU13	BUSMEDWD_WEST_IDR_WS_TOU13
BUS	MEDWD	WEST	NIDR	NWS	NOTOU	BUSMEDWD_WEST_NIDR_NWS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	MEDWD	WEST	NIDR	NWS	TOU01	BUSMEDWD_WEST_NIDR_NWS_TOU01
BUS	MEDWD	WEST	NIDR	NWS	TOU02	BUSMEDWD_WEST_NIDR_NWS_TOU02
BUS	MEDWD	WEST	NIDR	NWS	TOU13	BUSMEDWD_WEST_NIDR_NWS_TOU13
BUS	NODDG	COAST	IDR	WS	NOTOU	BUSNODDG_COAST_IDR_WS_NOTOU
BUS	NODDG	COAST	NIDR	NWS	NOTOU	BUSNODDG_COAST_NIDR_NWS_NOTOU
BUS	NODDG	EAST	IDR	WS	NOTOU	BUSNODDG_EAST_IDR_WS_NOTOU
BUS	NODDG	EAST	NIDR	NWS	NOTOU	BUSNODDG_EAST_NIDR_NWS_NOTOU
BUS	NODDG	FWEST	IDR	WS	NOTOU	BUSNODDG_FWEST_IDR_WS_NOTOU
BUS	NODDG	FWEST	NIDR	NWS	NOTOU	BUSNODDG_FWEST_NIDR_NWS_NOTOU
BUS	NODDG	NCENT	IDR	WS	NOTOU	BUSNODDG_NCENT_IDR_WS_NOTOU
BUS	NODDG	NCENT	NIDR	NWS	NOTOU	BUSNODDG_NCENT_NIDR_NWS_NOTOU
BUS	NODDG	NORTH	IDR	WS	NOTOU	BUSNODDG_NORTH_IDR_WS_NOTOU
BUS	NODDG	NORTH	NIDR	NWS	NOTOU	BUSNODDG_NORTH_NIDR_NWS_NOTOU
BUS	NODDG	SCENT	IDR	WS	NOTOU	BUSNODDG_SCENT_IDR_WS_NOTOU
BUS	NODDG	SCENT	NIDR	NWS	NOTOU	BUSNODDG_SCENT_NIDR_NWS_NOTOU
BUS	NODDG	SOUTH	IDR	WS	NOTOU	BUSNODDG_SOUTH_IDR_WS_NOTOU
BUS	NODDG	SOUTH	NIDR	NWS	NOTOU	BUSNODDG_SOUTH_NIDR_NWS_NOTOU
BUS	NODDG	WEST	IDR	WS	NOTOU	BUSNODDG_WEST_IDR_WS_NOTOU
BUS	NODDG	WEST	NIDR	NWS	NOTOU	BUSNODDG_WEST_NIDR_NWS_NOTOU
BUS	NODEM	COAST	IDR	WS	NOTOU	BUSNODEM_COAST_IDR_WS_NOTOU
BUS	NODEM	COAST	IDR	WS	TOU11	BUSNODEM_COAST_IDR_WS_TOU11
BUS	NODEM	COAST	IDR	WS	TOU12	BUSNODEM_COAST_IDR_WS_TOU12
BUS	NODEM	COAST	NIDR	NWS	NOTOU	BUSNODEM_COAST_NIDR_NWS_NOTOU
BUS	NODEM	COAST	NIDR	NWS	TOU11	BUSNODEM_COAST_NIDR_NWS_TOU11
BUS	NODEM	COAST	NIDR	NWS	TOU12	BUSNODEM_COAST_NIDR_NWS_TOU12
BUS	NODEM	EAST	IDR	WS	NOTOU	BUSNODEM_EAST_IDR_WS_NOTOU
BUS	NODEM	EAST	IDR	WS	TOU01	BUSNODEM_EAST_IDR_WS_TOU01
BUS	NODEM	EAST	IDR	WS	TOU02	BUSNODEM_EAST_IDR_WS_TOU02
BUS	NODEM	EAST	IDR	WS	TOU11	BUSNODEM_EAST_IDR_WS_TOU11
BUS	NODEM	EAST	IDR	WS	TOU12	BUSNODEM_EAST_IDR_WS_TOU12
BUS	NODEM	EAST	IDR	WS	TOU13	BUSNODEM_EAST_IDR_WS_TOU13
BUS	NODEM	EAST	NIDR	NWS	NOTOU	BUSNODEM_EAST_NIDR_NWS_NOTOU
BUS	NODEM	EAST	NIDR	NWS	TOU01	BUSNODEM_EAST_NIDR_NWS_TOU01
BUS	NODEM	EAST	NIDR	NWS	TOU02	BUSNODEM_EAST_NIDR_NWS_TOU02
BUS	NODEM	EAST	NIDR	NWS	TOU11	BUSNODEM_EAST_NIDR_NWS_TOU11
BUS	NODEM	EAST	NIDR	NWS	TOU12	BUSNODEM_EAST_NIDR_NWS_TOU12
BUS	NODEM	EAST	NIDR	NWS	TOU13	BUSNODEM_EAST_NIDR_NWS_TOU13
BUS	NODEM	FWEST	IDR	WS	NOTOU	BUSNODEM_FWEST_IDR_WS_NOTOU
BUS	NODEM	FWEST	IDR	WS	TOU01	BUSNODEM_FWEST_IDR_WS_TOU01
BUS	NODEM	FWEST	IDR	WS	TOU02	BUSNODEM_FWEST_IDR_WS_TOU02
BUS	NODEM	FWEST	IDR	WS	TOU11	BUSNODEM_FWEST_IDR_WS_TOU11
BUS	NODEM	FWEST	IDR	WS	TOU12	BUSNODEM_FWEST_IDR_WS_TOU12
BUS	NODEM	FWEST	IDR	WS	TOU13	BUSNODEM_FWEST_IDR_WS_TOU13
BUS	NODEM	FWEST	NIDR	NWS	NOTOU	BUSNODEM_FWEST_NIDR_NWS_NOTOU
BUS	NODEM	FWEST	NIDR	NWS	TOU01	BUSNODEM_FWEST_NIDR_NWS_TOU01
BUS	NODEM	FWEST	NIDR	NWS	TOU02	BUSNODEM_FWEST_NIDR_NWS_TOU02
BUS	NODEM	FWEST	NIDR	NWS	TOU11	BUSNODEM_FWEST_NIDR_NWS_TOU11
BUS	NODEM	FWEST	NIDR	NWS	TOU12	BUSNODEM_FWEST_NIDR_NWS_TOU12
BUS	NODEM	FWEST	NIDR	NWS	TOU13	BUSNODEM_FWEST_NIDR_NWS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	NODEM	NCENT	IDR	WS	NOTOU	BUSNODEM_NCENT_IDR_WS_NOTOU
BUS	NODEM	NCENT	IDR	WS	TOU01	BUSNODEM_NCENT_IDR_WS_TOU01
BUS	NODEM	NCENT	IDR	WS	TOU02	BUSNODEM_NCENT_IDR_WS_TOU02
BUS	NODEM	NCENT	IDR	WS	TOU11	BUSNODEM_NCENT_IDR_WS_TOU11
BUS	NODEM	NCENT	IDR	WS	TOU12	BUSNODEM_NCENT_IDR_WS_TOU12
BUS	NODEM	NCENT	IDR	WS	TOU13	BUSNODEM_NCENT_IDR_WS_TOU13
BUS	NODEM	NCENT	NIDR	NWS	NOTOU	BUSNODEM_NCENT_NIDR_NWS_NOTOU
BUS	NODEM	NCENT	NIDR	NWS	TOU01	BUSNODEM_NCENT_NIDR_NWS_TOU01
BUS	NODEM	NCENT	NIDR	NWS	TOU02	BUSNODEM_NCENT_NIDR_NWS_TOU02
BUS	NODEM	NCENT	NIDR	NWS	TOU11	BUSNODEM_NCENT_NIDR_NWS_TOU11
BUS	NODEM	NCENT	NIDR	NWS	TOU12	BUSNODEM_NCENT_NIDR_NWS_TOU12
BUS	NODEM	NCENT	NIDR	NWS	TOU13	BUSNODEM_NCENT_NIDR_NWS_TOU13
BUS	NODEM	NORTH	IDR	WS	NOTOU	BUSNODEM_NORTH_IDR_WS_NOTOU
BUS	NODEM	NORTH	IDR	WS	TOU01	BUSNODEM_NORTH_IDR_WS_TOU01
BUS	NODEM	NORTH	IDR	WS	TOU02	BUSNODEM_NORTH_IDR_WS_TOU02
BUS	NODEM	NORTH	IDR	WS	TOU11	BUSNODEM_NORTH_IDR_WS_TOU11
BUS	NODEM	NORTH	IDR	WS	TOU12	BUSNODEM_NORTH_IDR_WS_TOU12
BUS	NODEM	NORTH	IDR	WS	TOU13	BUSNODEM_NORTH_IDR_WS_TOU13
BUS	NODEM	NORTH	NIDR	NWS	NOTOU	BUSNODEM_NORTH_NIDR_NWS_NOTOU
BUS	NODEM	NORTH	NIDR	NWS	TOU01	BUSNODEM_NORTH_NIDR_NWS_TOU01
BUS	NODEM	NORTH	NIDR	NWS	TOU02	BUSNODEM_NORTH_NIDR_NWS_TOU02
BUS	NODEM	NORTH	NIDR	NWS	TOU11	BUSNODEM_NORTH_NIDR_NWS_TOU11
BUS	NODEM	NORTH	NIDR	NWS	TOU12	BUSNODEM_NORTH_NIDR_NWS_TOU12
BUS	NODEM	NORTH	NIDR	NWS	TOU13	BUSNODEM_NORTH_NIDR_NWS_TOU13
BUS	NODEM	SCENT	IDR	WS	NOTOU	BUSNODEM_SCENT_IDR_WS_NOTOU
BUS	NODEM	SCENT	IDR	WS	TOU01	BUSNODEM_SCENT_IDR_WS_TOU01
BUS	NODEM	SCENT	IDR	WS	TOU02	BUSNODEM_SCENT_IDR_WS_TOU02
BUS	NODEM	SCENT	IDR	WS	TOU13	BUSNODEM_SCENT_IDR_WS_TOU13
BUS	NODEM	SCENT	NIDR	NWS	NOTOU	BUSNODEM_SCENT_NIDR_NWS_NOTOU
BUS	NODEM	SCENT	NIDR	NWS	TOU01	BUSNODEM_SCENT_NIDR_NWS_TOU01
BUS	NODEM	SCENT	NIDR	NWS	TOU02	BUSNODEM_SCENT_NIDR_NWS_TOU02
BUS	NODEM	SCENT	NIDR	NWS	TOU13	BUSNODEM_SCENT_NIDR_NWS_TOU13
BUS	NODEM	SOUTH	IDR	WS	NOTOU	BUSNODEM_SOUTH_IDR_WS_NOTOU
BUS	NODEM	SOUTH	NIDR	NWS	NOTOU	BUSNODEM_SOUTH_NIDR_NWS_NOTOU
BUS	NODEM	WEST	IDR	WS	NOTOU	BUSNODEM_WEST_IDR_WS_NOTOU
BUS	NODEM	WEST	IDR	WS	TOU01	BUSNODEM_WEST_IDR_WS_TOU01
BUS	NODEM	WEST	IDR	WS	TOU02	BUSNODEM_WEST_IDR_WS_TOU02
BUS	NODEM	WEST	IDR	WS	TOU13	BUSNODEM_WEST_IDR_WS_TOU13
BUS	NODEM	WEST	NIDR	NWS	NOTOU	BUSNODEM_WEST_NIDR_NWS_NOTOU
BUS	NODEM	WEST	NIDR	NWS	TOU01	BUSNODEM_WEST_NIDR_NWS_TOU01
BUS	NODEM	WEST	NIDR	NWS	TOU02	BUSNODEM_WEST_NIDR_NWS_TOU02
BUS	NODEM	WEST	NIDR	NWS	TOU13	BUSNODEM_WEST_NIDR_NWS_TOU13
BUS	NODPV	COAST	IDR	WS	NOTOU	BUSNODPV_COAST_IDR_WS_NOTOU
BUS	NODPV	COAST	IDR	WS	TOU11	BUSNODPV_COAST_IDR_WS_TOU11
BUS	NODPV	COAST	IDR	WS	TOU12	BUSNODPV_COAST_IDR_WS_TOU12
BUS	NODPV	COAST	NIDR	NWS	NOTOU	BUSNODPV_COAST_NIDR_NWS_NOTOU
BUS	NODPV	COAST	NIDR	NWS	TOU11	BUSNODPV_COAST_NIDR_NWS_TOU11
BUS	NODPV	COAST	NIDR	NWS	TOU12	BUSNODPV_COAST_NIDR_NWS_TOU12
BUS	NODPV	EAST	IDR	WS	NOTOU	BUSNODPV_EAST_IDR_WS_NOTOU
BUS	NODPV	EAST	IDR	WS	TOU01	BUSNODPV_EAST_IDR_WS_TOU01

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	NODPV	EAST	IDR	WS	TOU02	BUSNODPV_EAST_IDR_WS_TOU02
BUS	NODPV	EAST	IDR	WS	TOU11	BUSNODPV_EAST_IDR_WS_TOU11
BUS	NODPV	EAST	IDR	WS	TOU12	BUSNODPV_EAST_IDR_WS_TOU12
BUS	NODPV	EAST	IDR	WS	TOU13	BUSNODPV_EAST_IDR_WS_TOU13
BUS	NODPV	EAST	NIDR	NWS	NOTOU	BUSNODPV_EAST_NIDR_NWS_NOTOU
BUS	NODPV	EAST	NIDR	NWS	TOU01	BUSNODPV_EAST_NIDR_NWS_TOU01
BUS	NODPV	EAST	NIDR	NWS	TOU02	BUSNODPV_EAST_NIDR_NWS_TOU02
BUS	NODPV	EAST	NIDR	NWS	TOU11	BUSNODPV_EAST_NIDR_NWS_TOU11
BUS	NODPV	EAST	NIDR	NWS	TOU12	BUSNODPV_EAST_NIDR_NWS_TOU12
BUS	NODPV	EAST	NIDR	NWS	TOU13	BUSNODPV_EAST_NIDR_NWS_TOU13
BUS	NODPV	FWEST	IDR	WS	NOTOU	BUSNODPV_FWEST_IDR_WS_NOTOU
BUS	NODPV	FWEST	IDR	WS	TOU01	BUSNODPV_FWEST_IDR_WS_TOU01
BUS	NODPV	FWEST	IDR	WS	TOU02	BUSNODPV_FWEST_IDR_WS_TOU02
BUS	NODPV	FWEST	IDR	WS	TOU11	BUSNODPV_FWEST_IDR_WS_TOU11
BUS	NODPV	FWEST	IDR	WS	TOU12	BUSNODPV_FWEST_IDR_WS_TOU12
BUS	NODPV	FWEST	IDR	WS	TOU13	BUSNODPV_FWEST_IDR_WS_TOU13
BUS	NODPV	FWEST	NIDR	NWS	NOTOU	BUSNODPV_FWEST_NIDR_NWS_NOTOU
BUS	NODPV	FWEST	NIDR	NWS	TOU01	BUSNODPV_FWEST_NIDR_NWS_TOU01
BUS	NODPV	FWEST	NIDR	NWS	TOU02	BUSNODPV_FWEST_NIDR_NWS_TOU02
BUS	NODPV	FWEST	NIDR	NWS	TOU11	BUSNODPV_FWEST_NIDR_NWS_TOU11
BUS	NODPV	FWEST	NIDR	NWS	TOU12	BUSNODPV_FWEST_NIDR_NWS_TOU12
BUS	NODPV	FWEST	NIDR	NWS	TOU13	BUSNODPV_FWEST_NIDR_NWS_TOU13
BUS	NODPV	NCENT	IDR	WS	NOTOU	BUSNODPV_NCENT_IDR_WS_NOTOU
BUS	NODPV	NCENT	IDR	WS	TOU01	BUSNODPV_NCENT_IDR_WS_TOU01
BUS	NODPV	NCENT	IDR	WS	TOU02	BUSNODPV_NCENT_IDR_WS_TOU02
BUS	NODPV	NCENT	IDR	WS	TOU11	BUSNODPV_NCENT_IDR_WS_TOU11
BUS	NODPV	NCENT	IDR	WS	TOU12	BUSNODPV_NCENT_IDR_WS_TOU12
BUS	NODPV	NCENT	IDR	WS	TOU13	BUSNODPV_NCENT_IDR_WS_TOU13
BUS	NODPV	NCENT	NIDR	NWS	NOTOU	BUSNODPV_NCENT_NIDR_NWS_NOTOU
BUS	NODPV	NCENT	NIDR	NWS	TOU01	BUSNODPV_NCENT_NIDR_NWS_TOU01
BUS	NODPV	NCENT	NIDR	NWS	TOU02	BUSNODPV_NCENT_NIDR_NWS_TOU02
BUS	NODPV	NCENT	NIDR	NWS	TOU11	BUSNODPV_NCENT_NIDR_NWS_TOU11
BUS	NODPV	NCENT	NIDR	NWS	TOU12	BUSNODPV_NCENT_NIDR_NWS_TOU12
BUS	NODPV	NCENT	NIDR	NWS	TOU13	BUSNODPV_NCENT_NIDR_NWS_TOU13
BUS	NODPV	NORTH	IDR	WS	NOTOU	BUSNODPV_NORTH_IDR_WS_NOTOU
BUS	NODPV	NORTH	IDR	WS	TOU01	BUSNODPV_NORTH_IDR_WS_TOU01
BUS	NODPV	NORTH	IDR	WS	TOU02	BUSNODPV_NORTH_IDR_WS_TOU02
BUS	NODPV	NORTH	IDR	WS	TOU11	BUSNODPV_NORTH_IDR_WS_TOU11
BUS	NODPV	NORTH	IDR	WS	TOU12	BUSNODPV_NORTH_IDR_WS_TOU12
BUS	NODPV	NORTH	IDR	WS	TOU13	BUSNODPV_NORTH_IDR_WS_TOU13
BUS	NODPV	NORTH	NIDR	NWS	NOTOU	BUSNODPV_NORTH_NIDR_NWS_NOTOU
BUS	NODPV	NORTH	NIDR	NWS	TOU01	BUSNODPV_NORTH_NIDR_NWS_TOU01
BUS	NODPV	NORTH	NIDR	NWS	TOU02	BUSNODPV_NORTH_NIDR_NWS_TOU02
BUS	NODPV	NORTH	NIDR	NWS	TOU11	BUSNODPV_NORTH_NIDR_NWS_TOU11
BUS	NODPV	NORTH	NIDR	NWS	TOU12	BUSNODPV_NORTH_NIDR_NWS_TOU12
BUS	NODPV	NORTH	NIDR	NWS	TOU13	BUSNODPV_NORTH_NIDR_NWS_TOU13
BUS	NODPV	SCENT	IDR	WS	NOTOU	BUSNODPV_SCENT_IDR_WS_NOTOU
BUS	NODPV	SCENT	IDR	WS	TOU01	BUSNODPV_SCENT_IDR_WS_TOU01
BUS	NODPV	SCENT	IDR	WS	TOU02	BUSNODPV_SCENT_IDR_WS_TOU02
BUS	NODPV	SCENT	IDR	WS	TOU13	BUSNODPV_SCENT_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	NODPV	SCENT	NIDR	NWS	NOTOU	BUSNODPV_SCENT_NIDR_NWS_NOTOU
BUS	NODPV	SCENT	NIDR	NWS	TOU01	BUSNODPV_SCENT_NIDR_NWS_TOU01
BUS	NODPV	SCENT	NIDR	NWS	TOU02	BUSNODPV_SCENT_NIDR_NWS_TOU02
BUS	NODPV	SCENT	NIDR	NWS	TOU13	BUSNODPV_SCENT_NIDR_NWS_TOU13
BUS	NODPV	SOUTH	IDR	WS	NOTOU	BUSNODPV_SOUTH_IDR_WS_NOTOU
BUS	NODPV	SOUTH	NIDR	NWS	NOTOU	BUSNODPV_SOUTH_NIDR_NWS_NOTOU
BUS	NODPV	WEST	IDR	WS	NOTOU	BUSNODPV_WEST_IDR_WS_NOTOU
BUS	NODPV	WEST	IDR	WS	TOU01	BUSNODPV_WEST_IDR_WS_TOU01
BUS	NODPV	WEST	IDR	WS	TOU02	BUSNODPV_WEST_IDR_WS_TOU02
BUS	NODPV	WEST	IDR	WS	TOU13	BUSNODPV_WEST_IDR_WS_TOU13
BUS	NODPV	WEST	NIDR	NWS	NOTOU	BUSNODPV_WEST_NIDR_NWS_NOTOU
BUS	NODPV	WEST	NIDR	NWS	TOU01	BUSNODPV_WEST_NIDR_NWS_TOU01
BUS	NODPV	WEST	NIDR	NWS	TOU02	BUSNODPV_WEST_NIDR_NWS_TOU02
BUS	NODPV	WEST	NIDR	NWS	TOU13	BUSNODPV_WEST_NIDR_NWS_TOU13
BUS	NODWD	COAST	IDR	WS	NOTOU	BUSNODWD_COAST_IDR_WS_NOTOU
BUS	NODWD	COAST	IDR	WS	TOU11	BUSNODWD_COAST_IDR_WS_TOU11
BUS	NODWD	COAST	IDR	WS	TOU12	BUSNODWD_COAST_IDR_WS_TOU12
BUS	NODWD	COAST	NIDR	NWS	NOTOU	BUSNODWD_COAST_NIDR_NWS_NOTOU
BUS	NODWD	COAST	NIDR	NWS	TOU11	BUSNODWD_COAST_NIDR_NWS_TOU11
BUS	NODWD	COAST	NIDR	NWS	TOU12	BUSNODWD_COAST_NIDR_NWS_TOU12
BUS	NODWD	EAST	IDR	WS	NOTOU	BUSNODWD_EAST_IDR_WS_NOTOU
BUS	NODWD	EAST	IDR	WS	TOU01	BUSNODWD_EAST_IDR_WS_TOU01
BUS	NODWD	EAST	IDR	WS	TOU02	BUSNODWD_EAST_IDR_WS_TOU02
BUS	NODWD	EAST	IDR	WS	TOU11	BUSNODWD_EAST_IDR_WS_TOU11
BUS	NODWD	EAST	IDR	WS	TOU12	BUSNODWD_EAST_IDR_WS_TOU12
BUS	NODWD	EAST	IDR	WS	TOU13	BUSNODWD_EAST_IDR_WS_TOU13
BUS	NODWD	EAST	NIDR	NWS	NOTOU	BUSNODWD_EAST_NIDR_NWS_NOTOU
BUS	NODWD	EAST	NIDR	NWS	TOU01	BUSNODWD_EAST_NIDR_NWS_TOU01
BUS	NODWD	EAST	NIDR	NWS	TOU02	BUSNODWD_EAST_NIDR_NWS_TOU02
BUS	NODWD	EAST	NIDR	NWS	TOU11	BUSNODWD_EAST_NIDR_NWS_TOU11
BUS	NODWD	EAST	NIDR	NWS	TOU12	BUSNODWD_EAST_NIDR_NWS_TOU12
BUS	NODWD	EAST	NIDR	NWS	TOU13	BUSNODWD_EAST_NIDR_NWS_TOU13
BUS	NODWD	FWEST	IDR	WS	NOTOU	BUSNODWD_FWEST_IDR_WS_NOTOU
BUS	NODWD	FWEST	IDR	WS	TOU01	BUSNODWD_FWEST_IDR_WS_TOU01
BUS	NODWD	FWEST	IDR	WS	TOU02	BUSNODWD_FWEST_IDR_WS_TOU02
BUS	NODWD	FWEST	IDR	WS	TOU11	BUSNODWD_FWEST_IDR_WS_TOU11
BUS	NODWD	FWEST	IDR	WS	TOU12	BUSNODWD_FWEST_IDR_WS_TOU12
BUS	NODWD	FWEST	IDR	WS	TOU13	BUSNODWD_FWEST_IDR_WS_TOU13
BUS	NODWD	FWEST	NIDR	NWS	NOTOU	BUSNODWD_FWEST_NIDR_NWS_NOTOU
BUS	NODWD	FWEST	NIDR	NWS	TOU01	BUSNODWD_FWEST_NIDR_NWS_TOU01
BUS	NODWD	FWEST	NIDR	NWS	TOU02	BUSNODWD_FWEST_NIDR_NWS_TOU02
BUS	NODWD	FWEST	NIDR	NWS	TOU11	BUSNODWD_FWEST_NIDR_NWS_TOU11
BUS	NODWD	FWEST	NIDR	NWS	TOU12	BUSNODWD_FWEST_NIDR_NWS_TOU12
BUS	NODWD	FWEST	NIDR	NWS	TOU13	BUSNODWD_FWEST_NIDR_NWS_TOU13
BUS	NODWD	NCENT	IDR	WS	NOTOU	BUSNODWD_NCENT_IDR_WS_NOTOU
BUS	NODWD	NCENT	IDR	WS	TOU01	BUSNODWD_NCENT_IDR_WS_TOU01
BUS	NODWD	NCENT	IDR	WS	TOU02	BUSNODWD_NCENT_IDR_WS_TOU02
BUS	NODWD	NCENT	IDR	WS	TOU11	BUSNODWD_NCENT_IDR_WS_TOU11
BUS	NODWD	NCENT	IDR	WS	TOU12	BUSNODWD_NCENT_IDR_WS_TOU12

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	NODWD	NCENT	IDR	WS	TOU13	BUSNODWD_NCENT_IDR_WS_TOU13
BUS	NODWD	NCENT	NIDR	NWS	NOTOU	BUSNODWD_NCENT_NIDR_NWS_NOTOU
BUS	NODWD	NCENT	NIDR	NWS	TOU01	BUSNODWD_NCENT_NIDR_NWS_TOU01
BUS	NODWD	NCENT	NIDR	NWS	TOU02	BUSNODWD_NCENT_NIDR_NWS_TOU02
BUS	NODWD	NCENT	NIDR	NWS	TOU11	BUSNODWD_NCENT_NIDR_NWS_TOU11
BUS	NODWD	NCENT	NIDR	NWS	TOU12	BUSNODWD_NCENT_NIDR_NWS_TOU12
BUS	NODWD	NCENT	NIDR	NWS	TOU13	BUSNODWD_NCENT_NIDR_NWS_TOU13
BUS	NODWD	NORTH	IDR	WS	NOTOU	BUSNODWD_NORTH_IDR_WS_NOTOU
BUS	NODWD	NORTH	IDR	WS	TOU01	BUSNODWD_NORTH_IDR_WS_TOU01
BUS	NODWD	NORTH	IDR	WS	TOU02	BUSNODWD_NORTH_IDR_WS_TOU02
BUS	NODWD	NORTH	IDR	WS	TOU11	BUSNODWD_NORTH_IDR_WS_TOU11
BUS	NODWD	NORTH	IDR	WS	TOU12	BUSNODWD_NORTH_IDR_WS_TOU12
BUS	NODWD	NORTH	IDR	WS	TOU13	BUSNODWD_NORTH_IDR_WS_TOU13
BUS	NODWD	NORTH	NIDR	NWS	NOTOU	BUSNODWD_NORTH_NIDR_NWS_NOTOU
BUS	NODWD	NORTH	NIDR	NWS	TOU01	BUSNODWD_NORTH_NIDR_NWS_TOU01
BUS	NODWD	NORTH	NIDR	NWS	TOU02	BUSNODWD_NORTH_NIDR_NWS_TOU02
BUS	NODWD	NORTH	NIDR	NWS	TOU11	BUSNODWD_NORTH_NIDR_NWS_TOU11
BUS	NODWD	NORTH	NIDR	NWS	TOU12	BUSNODWD_NORTH_NIDR_NWS_TOU12
BUS	NODWD	NORTH	NIDR	NWS	TOU13	BUSNODWD_NORTH_NIDR_NWS_TOU13
BUS	NODWD	SCENT	IDR	WS	NOTOU	BUSNODWD_SCENT_IDR_WS_NOTOU
BUS	NODWD	SCENT	IDR	WS	TOU01	BUSNODWD_SCENT_IDR_WS_TOU01
BUS	NODWD	SCENT	IDR	WS	TOU02	BUSNODWD_SCENT_IDR_WS_TOU02
BUS	NODWD	SCENT	IDR	WS	TOU13	BUSNODWD_SCENT_IDR_WS_TOU13
BUS	NODWD	SCENT	NIDR	NWS	NOTOU	BUSNODWD_SCENT_NIDR_NWS_NOTOU
BUS	NODWD	SCENT	NIDR	NWS	TOU01	BUSNODWD_SCENT_NIDR_NWS_TOU01
BUS	NODWD	SCENT	NIDR	NWS	TOU02	BUSNODWD_SCENT_NIDR_NWS_TOU02
BUS	NODWD	SCENT	NIDR	NWS	TOU13	BUSNODWD_SCENT_NIDR_NWS_TOU13
BUS	NODWD	SOUTH	IDR	WS	NOTOU	BUSNODWD_SOUTH_IDR_WS_NOTOU
BUS	NODWD	SOUTH	NIDR	NWS	NOTOU	BUSNODWD_SOUTH_NIDR_NWS_NOTOU
BUS	NODWD	WEST	IDR	WS	NOTOU	BUSNODWD_WEST_IDR_WS_NOTOU
BUS	NODWD	WEST	IDR	WS	TOU01	BUSNODWD_WEST_IDR_WS_TOU01
BUS	NODWD	WEST	IDR	WS	TOU02	BUSNODWD_WEST_IDR_WS_TOU02
BUS	NODWD	WEST	IDR	WS	TOU13	BUSNODWD_WEST_IDR_WS_TOU13
BUS	NODWD	WEST	NIDR	NWS	NOTOU	BUSNODWD_WEST_NIDR_NWS_NOTOU
BUS	NODWD	WEST	NIDR	NWS	TOU01	BUSNODWD_WEST_NIDR_NWS_TOU01
BUS	NODWD	WEST	NIDR	NWS	TOU02	BUSNODWD_WEST_NIDR_NWS_TOU02
BUS	NODWD	WEST	NIDR	NWS	TOU13	BUSNODWD_WEST_NIDR_NWS_TOU13
BUS	OGFDG	COAST	IDR	WS	NOTOU	BUSOGFDG_COAST_IDR_WS_NOTOU
BUS	OGFDG	COAST	NIDR	NWS	NOTOU	BUSOGFDG_COAST_NIDR_NWS_NOTOU
BUS	OGFDG	EAST	IDR	WS	NOTOU	BUSOGFDG_EAST_IDR_WS_NOTOU
BUS	OGFDG	EAST	NIDR	NWS	NOTOU	BUSOGFDG_EAST_NIDR_NWS_NOTOU
BUS	OGFDG	FWEST	IDR	WS	NOTOU	BUSOGFDG_FWEST_IDR_WS_NOTOU
BUS	OGFDG	FWEST	NIDR	NWS	NOTOU	BUSOGFDG_FWEST_NIDR_NWS_NOTOU
BUS	OGFDG	NCENT	IDR	WS	NOTOU	BUSOGFDG_NCENT_IDR_WS_NOTOU
BUS	OGFDG	NCENT	NIDR	NWS	NOTOU	BUSOGFDG_NCENT_NIDR_NWS_NOTOU
BUS	OGFDG	NORTH	IDR	WS	NOTOU	BUSOGFDG_NORTH_IDR_WS_NOTOU
BUS	OGFDG	NORTH	NIDR	NWS	NOTOU	BUSOGFDG_NORTH_NIDR_NWS_NOTOU
BUS	OGFDG	SCENT	IDR	WS	NOTOU	BUSOGFDG_SCENT_IDR_WS_NOTOU
BUS	OGFDG	SCENT	NIDR	NWS	NOTOU	BUSOGFDG_SCENT_NIDR_NWS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	OGFDG	SOUTH	IDR	WS	NOTOU	BUSOGFDG_SOUTH_IDR_WS_NOTOU
BUS	OGFDG	SOUTH	NIDR	NWS	NOTOU	BUSOGFDG_SOUTH_NIDR_NWS_NOTOU
BUS	OGFDG	WEST	IDR	WS	NOTOU	BUSOGFDG_WEST_IDR_WS_NOTOU
BUS	OGFDG	WEST	NIDR	NWS	NOTOU	BUSOGFDG_WEST_NIDR_NWS_NOTOU
BUS	OGFLT	COAST	IDR	WS	NOTOU	BUSOGFLT_COAST_IDR_WS_NOTOU
BUS	OGFLT	COAST	IDR	WS	TOU11	BUSOGFLT_COAST_IDR_WS_TOU11
BUS	OGFLT	COAST	IDR	WS	TOU12	BUSOGFLT_COAST_IDR_WS_TOU12
BUS	OGFLT	COAST	NIDR	NWS	NOTOU	BUSOGFLT_COAST_NIDR_NWS_NOTOU
BUS	OGFLT	COAST	NIDR	NWS	TOU11	BUSOGFLT_COAST_NIDR_NWS_TOU11
BUS	OGFLT	COAST	NIDR	NWS	TOU12	BUSOGFLT_COAST_NIDR_NWS_TOU12
BUS	OGFLT	EAST	IDR	WS	NOTOU	BUSOGFLT_EAST_IDR_WS_NOTOU
BUS	OGFLT	EAST	IDR	WS	TOU01	BUSOGFLT_EAST_IDR_WS_TOU01
BUS	OGFLT	EAST	IDR	WS	TOU02	BUSOGFLT_EAST_IDR_WS_TOU02
BUS	OGFLT	EAST	IDR	WS	TOU11	BUSOGFLT_EAST_IDR_WS_TOU11
BUS	OGFLT	EAST	IDR	WS	TOU12	BUSOGFLT_EAST_IDR_WS_TOU12
BUS	OGFLT	EAST	IDR	WS	TOU13	BUSOGFLT_EAST_IDR_WS_TOU13
BUS	OGFLT	EAST	NIDR	NWS	NOTOU	BUSOGFLT_EAST_NIDR_NWS_NOTOU
BUS	OGFLT	EAST	NIDR	NWS	TOU01	BUSOGFLT_EAST_NIDR_NWS_TOU01
BUS	OGFLT	EAST	NIDR	NWS	TOU02	BUSOGFLT_EAST_NIDR_NWS_TOU02
BUS	OGFLT	EAST	NIDR	NWS	TOU11	BUSOGFLT_EAST_NIDR_NWS_TOU11
BUS	OGFLT	EAST	NIDR	NWS	TOU12	BUSOGFLT_EAST_NIDR_NWS_TOU12
BUS	OGFLT	EAST	NIDR	NWS	TOU13	BUSOGFLT_EAST_NIDR_NWS_TOU13
BUS	OGFLT	FWEST	IDR	WS	NOTOU	BUSOGFLT_FWEST_IDR_WS_NOTOU
BUS	OGFLT	FWEST	IDR	WS	TOU01	BUSOGFLT_FWEST_IDR_WS_TOU01
BUS	OGFLT	FWEST	IDR	WS	TOU02	BUSOGFLT_FWEST_IDR_WS_TOU02
BUS	OGFLT	FWEST	IDR	WS	TOU11	BUSOGFLT_FWEST_IDR_WS_TOU11
BUS	OGFLT	FWEST	IDR	WS	TOU12	BUSOGFLT_FWEST_IDR_WS_TOU12
BUS	OGFLT	FWEST	IDR	WS	TOU13	BUSOGFLT_FWEST_IDR_WS_TOU13
BUS	OGFLT	FWEST	NIDR	NWS	NOTOU	BUSOGFLT_FWEST_NIDR_NWS_NOTOU
BUS	OGFLT	FWEST	NIDR	NWS	TOU01	BUSOGFLT_FWEST_NIDR_NWS_TOU01
BUS	OGFLT	FWEST	NIDR	NWS	TOU02	BUSOGFLT_FWEST_NIDR_NWS_TOU02
BUS	OGFLT	FWEST	NIDR	NWS	TOU11	BUSOGFLT_FWEST_NIDR_NWS_TOU11
BUS	OGFLT	FWEST	NIDR	NWS	TOU12	BUSOGFLT_FWEST_NIDR_NWS_TOU12
BUS	OGFLT	FWEST	NIDR	NWS	TOU13	BUSOGFLT_FWEST_NIDR_NWS_TOU13
BUS	OGFLT	NCENT	IDR	WS	NOTOU	BUSOGFLT_NCENT_IDR_WS_NOTOU
BUS	OGFLT	NCENT	IDR	WS	TOU01	BUSOGFLT_NCENT_IDR_WS_TOU01
BUS	OGFLT	NCENT	IDR	WS	TOU02	BUSOGFLT_NCENT_IDR_WS_TOU02
BUS	OGFLT	NCENT	IDR	WS	TOU11	BUSOGFLT_NCENT_IDR_WS_TOU11
BUS	OGFLT	NCENT	IDR	WS	TOU12	BUSOGFLT_NCENT_IDR_WS_TOU12
BUS	OGFLT	NCENT	IDR	WS	TOU13	BUSOGFLT_NCENT_IDR_WS_TOU13
BUS	OGFLT	NCENT	NIDR	NWS	NOTOU	BUSOGFLT_NCENT_NIDR_NWS_NOTOU
BUS	OGFLT	NCENT	NIDR	NWS	TOU01	BUSOGFLT_NCENT_NIDR_NWS_TOU01
BUS	OGFLT	NCENT	NIDR	NWS	TOU02	BUSOGFLT_NCENT_NIDR_NWS_TOU02
BUS	OGFLT	NCENT	NIDR	NWS	TOU11	BUSOGFLT_NCENT_NIDR_NWS_TOU11
BUS	OGFLT	NCENT	NIDR	NWS	TOU12	BUSOGFLT_NCENT_NIDR_NWS_TOU12
BUS	OGFLT	NCENT	NIDR	NWS	TOU13	BUSOGFLT_NCENT_NIDR_NWS_TOU13
BUS	OGFLT	NORTH	IDR	WS	NOTOU	BUSOGFLT_NORTH_IDR_WS_NOTOU
BUS	OGFLT	NORTH	IDR	WS	TOU01	BUSOGFLT_NORTH_IDR_WS_TOU01
BUS	OGFLT	NORTH	IDR	WS	TOU02	BUSOGFLT_NORTH_IDR_WS_TOU02

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	OGFLT	NORTH	IDR	WS	TOU11	BUSOGFLT_NORTH_IDR_WS_TOU11
BUS	OGFLT	NORTH	IDR	WS	TOU12	BUSOGFLT_NORTH_IDR_WS_TOU12
BUS	OGFLT	NORTH	IDR	WS	TOU13	BUSOGFLT_NORTH_IDR_WS_TOU13
BUS	OGFLT	NORTH	NIDR	NWS	NOTOU	BUSOGFLT_NORTH_NIDR_NWS_NOTOU
BUS	OGFLT	NORTH	NIDR	NWS	TOU01	BUSOGFLT_NORTH_NIDR_NWS_TOU01
BUS	OGFLT	NORTH	NIDR	NWS	TOU02	BUSOGFLT_NORTH_NIDR_NWS_TOU02
BUS	OGFLT	NORTH	NIDR	NWS	TOU11	BUSOGFLT_NORTH_NIDR_NWS_TOU11
BUS	OGFLT	NORTH	NIDR	NWS	TOU12	BUSOGFLT_NORTH_NIDR_NWS_TOU12
BUS	OGFLT	NORTH	NIDR	NWS	TOU13	BUSOGFLT_NORTH_NIDR_NWS_TOU13
BUS	OGFLT	SCENT	IDR	WS	NOTOU	BUSOGFLT_SCENT_IDR_WS_NOTOU
BUS	OGFLT	SCENT	IDR	WS	TOU01	BUSOGFLT_SCENT_IDR_WS_TOU01
BUS	OGFLT	SCENT	IDR	WS	TOU02	BUSOGFLT_SCENT_IDR_WS_TOU02
BUS	OGFLT	SCENT	IDR	WS	TOU13	BUSOGFLT_SCENT_IDR_WS_TOU13
BUS	OGFLT	SCENT	NIDR	NWS	NOTOU	BUSOGFLT_SCENT_NIDR_NWS_NOTOU
BUS	OGFLT	SCENT	NIDR	NWS	TOU01	BUSOGFLT_SCENT_NIDR_NWS_TOU01
BUS	OGFLT	SCENT	NIDR	NWS	TOU02	BUSOGFLT_SCENT_NIDR_NWS_TOU02
BUS	OGFLT	SCENT	NIDR	NWS	TOU13	BUSOGFLT_SCENT_NIDR_NWS_TOU13
BUS	OGFLT	SOUTH	IDR	WS	NOTOU	BUSOGFLT_SOUTH_IDR_WS_NOTOU
BUS	OGFLT	SOUTH	NIDR	NWS	NOTOU	BUSOGFLT_SOUTH_NIDR_NWS_NOTOU
BUS	OGFLT	WEST	IDR	WS	NOTOU	BUSOGFLT_WEST_IDR_WS_NOTOU
BUS	OGFLT	WEST	IDR	WS	TOU01	BUSOGFLT_WEST_IDR_WS_TOU01
BUS	OGFLT	WEST	IDR	WS	TOU02	BUSOGFLT_WEST_IDR_WS_TOU02
BUS	OGFLT	WEST	IDR	WS	TOU13	BUSOGFLT_WEST_IDR_WS_TOU13
BUS	OGFLT	WEST	NIDR	NWS	NOTOU	BUSOGFLT_WEST_NIDR_NWS_NOTOU
BUS	OGFLT	WEST	NIDR	NWS	TOU01	BUSOGFLT_WEST_NIDR_NWS_TOU01
BUS	OGFLT	WEST	NIDR	NWS	TOU02	BUSOGFLT_WEST_NIDR_NWS_TOU02
BUS	OGFLT	WEST	NIDR	NWS	TOU13	BUSOGFLT_WEST_NIDR_NWS_TOU13
BUS	OGFPV	COAST	IDR	WS	NOTOU	BUSOGFPV_COAST_IDR_WS_NOTOU
BUS	OGFPV	COAST	IDR	WS	TOU11	BUSOGFPV_COAST_IDR_WS_TOU11
BUS	OGFPV	COAST	IDR	WS	TOU12	BUSOGFPV_COAST_IDR_WS_TOU12
BUS	OGFPV	COAST	NIDR	NWS	NOTOU	BUSOGFPV_COAST_NIDR_NWS_NOTOU
BUS	OGFPV	COAST	NIDR	NWS	TOU11	BUSOGFPV_COAST_NIDR_NWS_TOU11
BUS	OGFPV	COAST	NIDR	NWS	TOU12	BUSOGFPV_COAST_NIDR_NWS_TOU12
BUS	OGFPV	EAST	IDR	WS	NOTOU	BUSOGFPV_EAST_IDR_WS_NOTOU
BUS	OGFPV	EAST	IDR	WS	TOU01	BUSOGFPV_EAST_IDR_WS_TOU01
BUS	OGFPV	EAST	IDR	WS	TOU02	BUSOGFPV_EAST_IDR_WS_TOU02
BUS	OGFPV	EAST	IDR	WS	TOU11	BUSOGFPV_EAST_IDR_WS_TOU11
BUS	OGFPV	EAST	IDR	WS	TOU12	BUSOGFPV_EAST_IDR_WS_TOU12
BUS	OGFPV	EAST	IDR	WS	TOU13	BUSOGFPV_EAST_IDR_WS_TOU13
BUS	OGFPV	EAST	NIDR	NWS	NOTOU	BUSOGFPV_EAST_NIDR_NWS_NOTOU
BUS	OGFPV	EAST	NIDR	NWS	TOU01	BUSOGFPV_EAST_NIDR_NWS_TOU01
BUS	OGFPV	EAST	NIDR	NWS	TOU02	BUSOGFPV_EAST_NIDR_NWS_TOU02
BUS	OGFPV	EAST	NIDR	NWS	TOU11	BUSOGFPV_EAST_NIDR_NWS_TOU11
BUS	OGFPV	EAST	NIDR	NWS	TOU12	BUSOGFPV_EAST_NIDR_NWS_TOU12
BUS	OGFPV	EAST	NIDR	NWS	TOU13	BUSOGFPV_EAST_NIDR_NWS_TOU13
BUS	OGFPV	FWEST	IDR	WS	NOTOU	BUSOGFPV_FWEST_IDR_WS_NOTOU
BUS	OGFPV	FWEST	IDR	WS	TOU01	BUSOGFPV_FWEST_IDR_WS_TOU01
BUS	OGFPV	FWEST	IDR	WS	TOU02	BUSOGFPV_FWEST_IDR_WS_TOU02
BUS	OGFPV	FWEST	IDR	WS	TOU11	BUSOGFPV_FWEST_IDR_WS_TOU11

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	OGFPV	FWEST	IDR	WS	TOU12	BUSOGFPV_FWEST_IDR_WS_TOU12
BUS	OGFPV	FWEST	IDR	WS	TOU13	BUSOGFPV_FWEST_IDR_WS_TOU13
BUS	OGFPV	FWEST	NIDR	NWS	NOTOU	BUSOGFPV_FWEST_NIDR_NWS_NOTOU
BUS	OGFPV	FWEST	NIDR	NWS	TOU01	BUSOGFPV_FWEST_NIDR_NWS_TOU01
BUS	OGFPV	FWEST	NIDR	NWS	TOU02	BUSOGFPV_FWEST_NIDR_NWS_TOU02
BUS	OGFPV	FWEST	NIDR	NWS	TOU11	BUSOGFPV_FWEST_NIDR_NWS_TOU11
BUS	OGFPV	FWEST	NIDR	NWS	TOU12	BUSOGFPV_FWEST_NIDR_NWS_TOU12
BUS	OGFPV	FWEST	NIDR	NWS	TOU13	BUSOGFPV_FWEST_NIDR_NWS_TOU13
BUS	OGFPV	NCENT	IDR	WS	NOTOU	BUSOGFPV_NCENT_IDR_WS_NOTOU
BUS	OGFPV	NCENT	IDR	WS	TOU01	BUSOGFPV_NCENT_IDR_WS_TOU01
BUS	OGFPV	NCENT	IDR	WS	TOU02	BUSOGFPV_NCENT_IDR_WS_TOU02
BUS	OGFPV	NCENT	IDR	WS	TOU11	BUSOGFPV_NCENT_IDR_WS_TOU11
BUS	OGFPV	NCENT	IDR	WS	TOU12	BUSOGFPV_NCENT_IDR_WS_TOU12
BUS	OGFPV	NCENT	IDR	WS	TOU13	BUSOGFPV_NCENT_IDR_WS_TOU13
BUS	OGFPV	NCENT	NIDR	NWS	NOTOU	BUSOGFPV_NCENT_NIDR_NWS_NOTOU
BUS	OGFPV	NCENT	NIDR	NWS	TOU01	BUSOGFPV_NCENT_NIDR_NWS_TOU01
BUS	OGFPV	NCENT	NIDR	NWS	TOU02	BUSOGFPV_NCENT_NIDR_NWS_TOU02
BUS	OGFPV	NCENT	NIDR	NWS	TOU11	BUSOGFPV_NCENT_NIDR_NWS_TOU11
BUS	OGFPV	NCENT	NIDR	NWS	TOU12	BUSOGFPV_NCENT_NIDR_NWS_TOU12
BUS	OGFPV	NCENT	NIDR	NWS	TOU13	BUSOGFPV_NCENT_NIDR_NWS_TOU13
BUS	OGFPV	NORTH	IDR	WS	NOTOU	BUSOGFPV_NORTH_IDR_WS_NOTOU
BUS	OGFPV	NORTH	IDR	WS	TOU01	BUSOGFPV_NORTH_IDR_WS_TOU01
BUS	OGFPV	NORTH	IDR	WS	TOU02	BUSOGFPV_NORTH_IDR_WS_TOU02
BUS	OGFPV	NORTH	IDR	WS	TOU11	BUSOGFPV_NORTH_IDR_WS_TOU11
BUS	OGFPV	NORTH	IDR	WS	TOU12	BUSOGFPV_NORTH_IDR_WS_TOU12
BUS	OGFPV	NORTH	IDR	WS	TOU13	BUSOGFPV_NORTH_IDR_WS_TOU13
BUS	OGFPV	NORTH	NIDR	NWS	NOTOU	BUSOGFPV_NORTH_NIDR_NWS_NOTOU
BUS	OGFPV	NORTH	NIDR	NWS	TOU01	BUSOGFPV_NORTH_NIDR_NWS_TOU01
BUS	OGFPV	NORTH	NIDR	NWS	TOU02	BUSOGFPV_NORTH_NIDR_NWS_TOU02
BUS	OGFPV	NORTH	NIDR	NWS	TOU11	BUSOGFPV_NORTH_NIDR_NWS_TOU11
BUS	OGFPV	NORTH	NIDR	NWS	TOU12	BUSOGFPV_NORTH_NIDR_NWS_TOU12
BUS	OGFPV	NORTH	NIDR	NWS	TOU13	BUSOGFPV_NORTH_NIDR_NWS_TOU13
BUS	OGFPV	SCENT	IDR	WS	NOTOU	BUSOGFPV_SCENT_IDR_WS_NOTOU
BUS	OGFPV	SCENT	IDR	WS	TOU01	BUSOGFPV_SCENT_IDR_WS_TOU01
BUS	OGFPV	SCENT	IDR	WS	TOU02	BUSOGFPV_SCENT_IDR_WS_TOU02
BUS	OGFPV	SCENT	IDR	WS	TOU13	BUSOGFPV_SCENT_IDR_WS_TOU13
BUS	OGFPV	SCENT	NIDR	NWS	NOTOU	BUSOGFPV_SCENT_NIDR_NWS_NOTOU
BUS	OGFPV	SCENT	NIDR	NWS	TOU01	BUSOGFPV_SCENT_NIDR_NWS_TOU01
BUS	OGFPV	SCENT	NIDR	NWS	TOU02	BUSOGFPV_SCENT_NIDR_NWS_TOU02
BUS	OGFPV	SCENT	NIDR	NWS	TOU13	BUSOGFPV_SCENT_NIDR_NWS_TOU13
BUS	OGFPV	SOUTH	IDR	WS	NOTOU	BUSOGFPV_SOUTH_IDR_WS_NOTOU
BUS	OGFPV	SOUTH	NIDR	NWS	NOTOU	BUSOGFPV_SOUTH_NIDR_NWS_NOTOU
BUS	OGFPV	WEST	IDR	WS	NOTOU	BUSOGFPV_WEST_IDR_WS_NOTOU
BUS	OGFPV	WEST	IDR	WS	TOU01	BUSOGFPV_WEST_IDR_WS_TOU01
BUS	OGFPV	WEST	IDR	WS	TOU02	BUSOGFPV_WEST_IDR_WS_TOU02
BUS	OGFPV	WEST	IDR	WS	TOU13	BUSOGFPV_WEST_IDR_WS_TOU13
BUS	OGFPV	WEST	NIDR	NWS	NOTOU	BUSOGFPV_WEST_NIDR_NWS_NOTOU
BUS	OGFPV	WEST	NIDR	NWS	TOU01	BUSOGFPV_WEST_NIDR_NWS_TOU01
BUS	OGFPV	WEST	NIDR	NWS	TOU02	BUSOGFPV_WEST_NIDR_NWS_TOU02

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	OGFPV	WEST	NIDR	NWS	TOU13	BUSOGFPV_WEST_NIDR_NWS_TOU13
BUS	OGFWD	COAST	IDR	WS	NOTOU	BUSOGFWD_COAST_IDR_WS_NOTOU
BUS	OGFWD	COAST	IDR	WS	TOU11	BUSOGFWD_COAST_IDR_WS_TOU11
BUS	OGFWD	COAST	IDR	WS	TOU12	BUSOGFWD_COAST_IDR_WS_TOU12
BUS	OGFWD	COAST	NIDR	NWS	NOTOU	BUSOGFWD_COAST_NIDR_NWS_NOTOU
BUS	OGFWD	COAST	NIDR	NWS	TOU11	BUSOGFWD_COAST_NIDR_NWS_TOU11
BUS	OGFWD	COAST	NIDR	NWS	TOU12	BUSOGFWD_COAST_NIDR_NWS_TOU12
BUS	OGFWD	EAST	IDR	WS	NOTOU	BUSOGFWD_EAST_IDR_WS_NOTOU
BUS	OGFWD	EAST	IDR	WS	TOU01	BUSOGFWD_EAST_IDR_WS_TOU01
BUS	OGFWD	EAST	IDR	WS	TOU02	BUSOGFWD_EAST_IDR_WS_TOU02
BUS	OGFWD	EAST	IDR	WS	TOU11	BUSOGFWD_EAST_IDR_WS_TOU11
BUS	OGFWD	EAST	IDR	WS	TOU12	BUSOGFWD_EAST_IDR_WS_TOU12
BUS	OGFWD	EAST	IDR	WS	TOU13	BUSOGFWD_EAST_IDR_WS_TOU13
BUS	OGFWD	EAST	NIDR	NWS	NOTOU	BUSOGFWD_EAST_NIDR_NWS_NOTOU
BUS	OGFWD	EAST	NIDR	NWS	TOU01	BUSOGFWD_EAST_NIDR_NWS_TOU01
BUS	OGFWD	EAST	NIDR	NWS	TOU02	BUSOGFWD_EAST_NIDR_NWS_TOU02
BUS	OGFWD	EAST	NIDR	NWS	TOU11	BUSOGFWD_EAST_NIDR_NWS_TOU11
BUS	OGFWD	EAST	NIDR	NWS	TOU12	BUSOGFWD_EAST_NIDR_NWS_TOU12
BUS	OGFWD	EAST	NIDR	NWS	TOU13	BUSOGFWD_EAST_NIDR_NWS_TOU13
BUS	OGFWD	FWEST	IDR	WS	NOTOU	BUSOGFWD_FWEST_IDR_WS_NOTOU
BUS	OGFWD	FWEST	IDR	WS	TOU01	BUSOGFWD_FWEST_IDR_WS_TOU01
BUS	OGFWD	FWEST	IDR	WS	TOU02	BUSOGFWD_FWEST_IDR_WS_TOU02
BUS	OGFWD	FWEST	IDR	WS	TOU11	BUSOGFWD_FWEST_IDR_WS_TOU11
BUS	OGFWD	FWEST	IDR	WS	TOU12	BUSOGFWD_FWEST_IDR_WS_TOU12
BUS	OGFWD	FWEST	IDR	WS	TOU13	BUSOGFWD_FWEST_IDR_WS_TOU13
BUS	OGFWD	FWEST	NIDR	NWS	NOTOU	BUSOGFWD_FWEST_NIDR_NWS_NOTOU
BUS	OGFWD	FWEST	NIDR	NWS	TOU01	BUSOGFWD_FWEST_NIDR_NWS_TOU01
BUS	OGFWD	FWEST	NIDR	NWS	TOU02	BUSOGFWD_FWEST_NIDR_NWS_TOU02
BUS	OGFWD	FWEST	NIDR	NWS	TOU11	BUSOGFWD_FWEST_NIDR_NWS_TOU11
BUS	OGFWD	FWEST	NIDR	NWS	TOU12	BUSOGFWD_FWEST_NIDR_NWS_TOU12
BUS	OGFWD	FWEST	NIDR	NWS	TOU13	BUSOGFWD_FWEST_NIDR_NWS_TOU13
BUS	OGFWD	NCENT	IDR	WS	NOTOU	BUSOGFWD_NCENT_IDR_WS_NOTOU
BUS	OGFWD	NCENT	IDR	WS	TOU01	BUSOGFWD_NCENT_IDR_WS_TOU01
BUS	OGFWD	NCENT	IDR	WS	TOU02	BUSOGFWD_NCENT_IDR_WS_TOU02
BUS	OGFWD	NCENT	IDR	WS	TOU11	BUSOGFWD_NCENT_IDR_WS_TOU11
BUS	OGFWD	NCENT	IDR	WS	TOU12	BUSOGFWD_NCENT_IDR_WS_TOU12
BUS	OGFWD	NCENT	IDR	WS	TOU13	BUSOGFWD_NCENT_IDR_WS_TOU13
BUS	OGFWD	NCENT	NIDR	NWS	NOTOU	BUSOGFWD_NCENT_NIDR_NWS_NOTOU
BUS	OGFWD	NCENT	NIDR	NWS	TOU01	BUSOGFWD_NCENT_NIDR_NWS_TOU01
BUS	OGFWD	NCENT	NIDR	NWS	TOU02	BUSOGFWD_NCENT_NIDR_NWS_TOU02
BUS	OGFWD	NCENT	NIDR	NWS	TOU11	BUSOGFWD_NCENT_NIDR_NWS_TOU11
BUS	OGFWD	NCENT	NIDR	NWS	TOU12	BUSOGFWD_NCENT_NIDR_NWS_TOU12
BUS	OGFWD	NCENT	NIDR	NWS	TOU13	BUSOGFWD_NCENT_NIDR_NWS_TOU13
BUS	OGFWD	NORTH	IDR	WS	NOTOU	BUSOGFWD_NORTH_IDR_WS_NOTOU
BUS	OGFWD	NORTH	IDR	WS	TOU01	BUSOGFWD_NORTH_IDR_WS_TOU01
BUS	OGFWD	NORTH	IDR	WS	TOU02	BUSOGFWD_NORTH_IDR_WS_TOU02
BUS	OGFWD	NORTH	IDR	WS	TOU11	BUSOGFWD_NORTH_IDR_WS_TOU11
BUS	OGFWD	NORTH	IDR	WS	TOU12	BUSOGFWD_NORTH_IDR_WS_TOU12
BUS	OGFWD	NORTH	IDR	WS	TOU13	BUSOGFWD_NORTH_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
BUS	OGFWD	NORTH	NIDR	NWS	NOTOU	BUSOGFWD_NORTH_NIDR_NWS_NOTOU
BUS	OGFWD	NORTH	NIDR	NWS	TOU01	BUSOGFWD_NORTH_NIDR_NWS_TOU01
BUS	OGFWD	NORTH	NIDR	NWS	TOU02	BUSOGFWD_NORTH_NIDR_NWS_TOU02
BUS	OGFWD	NORTH	NIDR	NWS	TOU11	BUSOGFWD_NORTH_NIDR_NWS_TOU11
BUS	OGFWD	NORTH	NIDR	NWS	TOU12	BUSOGFWD_NORTH_NIDR_NWS_TOU12
BUS	OGFWD	NORTH	NIDR	NWS	TOU13	BUSOGFWD_NORTH_NIDR_NWS_TOU13
BUS	OGFWD	SCENT	IDR	WS	NOTOU	BUSOGFWD_SCENT_IDR_WS_NOTOU
BUS	OGFWD	SCENT	IDR	WS	TOU01	BUSOGFWD_SCENT_IDR_WS_TOU01
BUS	OGFWD	SCENT	IDR	WS	TOU02	BUSOGFWD_SCENT_IDR_WS_TOU02
BUS	OGFWD	SCENT	IDR	WS	TOU13	BUSOGFWD_SCENT_IDR_WS_TOU13
BUS	OGFWD	SCENT	NIDR	NWS	NOTOU	BUSOGFWD_SCENT_NIDR_NWS_NOTOU
BUS	OGFWD	SCENT	NIDR	NWS	TOU01	BUSOGFWD_SCENT_NIDR_NWS_TOU01
BUS	OGFWD	SCENT	NIDR	NWS	TOU02	BUSOGFWD_SCENT_NIDR_NWS_TOU02
BUS	OGFWD	SCENT	NIDR	NWS	TOU13	BUSOGFWD_SCENT_NIDR_NWS_TOU13
BUS	OGFWD	SOUTH	IDR	WS	NOTOU	BUSOGFWD_SOUTH_IDR_WS_NOTOU
BUS	OGFWD	SOUTH	NIDR	NWS	NOTOU	BUSOGFWD_SOUTH_NIDR_NWS_NOTOU
BUS	OGFWD	WEST	IDR	WS	NOTOU	BUSOGFWD_WEST_IDR_WS_NOTOU
BUS	OGFWD	WEST	IDR	WS	TOU01	BUSOGFWD_WEST_IDR_WS_TOU01
BUS	OGFWD	WEST	IDR	WS	TOU02	BUSOGFWD_WEST_IDR_WS_TOU02
BUS	OGFWD	WEST	IDR	WS	TOU13	BUSOGFWD_WEST_IDR_WS_TOU13
BUS	OGFWD	WEST	NIDR	NWS	NOTOU	BUSOGFWD_WEST_NIDR_NWS_NOTOU
BUS	OGFWD	WEST	NIDR	NWS	TOU01	BUSOGFWD_WEST_NIDR_NWS_TOU01
BUS	OGFWD	WEST	NIDR	NWS	TOU02	BUSOGFWD_WEST_NIDR_NWS_TOU02
BUS	OGFWD	WEST	NIDR	NWS	TOU13	BUSOGFWD_WEST_NIDR_NWS_TOU13
NM	FLAT	COAST	NIDR	NWS	NOTOU	NMFLAT_COAST_NIDR_NWS_NOTOU
NM	FLAT	EAST	NIDR	NWS	NOTOU	NMFLAT_EAST_NIDR_NWS_NOTOU
NM	FLAT	FWEST	NIDR	NWS	NOTOU	NMFLAT_FWEST_NIDR_NWS_NOTOU
NM	FLAT	NCENT	NIDR	NWS	NOTOU	NMFLAT_NCENT_NIDR_NWS_NOTOU
NM	FLAT	NORTH	NIDR	NWS	NOTOU	NMFLAT_NORTH_NIDR_NWS_NOTOU
NM	FLAT	SCENT	NIDR	NWS	NOTOU	NMFLAT_SCENT_NIDR_NWS_NOTOU
NM	FLAT	SOUTH	NIDR	NWS	NOTOU	NMFLAT_SOUTH_NIDR_NWS_NOTOU
NM	FLAT	WEST	NIDR	NWS	NOTOU	NMFLAT_WEST_NIDR_NWS_NOTOU
NM	LIGHT	COAST	NIDR	NWS	NOTOU	NMLIGHT_COAST_NIDR_NWS_NOTOU
NM	LIGHT	EAST	NIDR	NWS	NOTOU	NMLIGHT_EAST_NIDR_NWS_NOTOU
NM	LIGHT	FWEST	NIDR	NWS	NOTOU	NMLIGHT_FWEST_NIDR_NWS_NOTOU
NM	LIGHT	NCENT	NIDR	NWS	NOTOU	NMLIGHT_NCENT_NIDR_NWS_NOTOU
NM	LIGHT	NORTH	NIDR	NWS	NOTOU	NMLIGHT_NORTH_NIDR_NWS_NOTOU
NM	LIGHT	SCENT	NIDR	NWS	NOTOU	NMLIGHT_SCENT_NIDR_NWS_NOTOU
NM	LIGHT	SOUTH	NIDR	NWS	NOTOU	NMLIGHT_SOUTH_NIDR_NWS_NOTOU
NM	LIGHT	WEST	NIDR	NWS	NOTOU	NMLIGHT_WEST_NIDR_NWS_NOTOU
RES	HIDG	COAST	IDR	WS	NOTOU	RESHIDG_COAST_IDR_WS_NOTOU
RES	HIDG	COAST	NIDR	NWS	NOTOU	RESHIDG_COAST_NIDR_NWS_NOTOU
RES	HIDG	EAST	IDR	WS	NOTOU	RESHIDG_EAST_IDR_WS_NOTOU
RES	HIDG	EAST	NIDR	NWS	NOTOU	RESHIDG_EAST_NIDR_NWS_NOTOU
RES	HIDG	FWEST	IDR	WS	NOTOU	RESHIDG_FWEST_IDR_WS_NOTOU
RES	HIDG	FWEST	NIDR	NWS	NOTOU	RESHIDG_FWEST_NIDR_NWS_NOTOU
RES	HIDG	NCENT	IDR	WS	NOTOU	RESHIDG_NCENT_IDR_WS_NOTOU
RES	HIDG	NCENT	NIDR	NWS	NOTOU	RESHIDG_NCENT_NIDR_NWS_NOTOU
RES	HIDG	NORTH	IDR	WS	NOTOU	RESHIDG_NORTH_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	HIDG	NORTH	NIDR	NWS	NOTOU	RESHIDG_NORTH_NIDR_NWS_NOTOU
RES	HIDG	SCENT	IDR	WS	NOTOU	RESHIDG_SCENT_IDR_WS_NOTOU
RES	HIDG	SCENT	NIDR	NWS	NOTOU	RESHIDG_SCENT_NIDR_NWS_NOTOU
RES	HIDG	SOUTH	IDR	WS	NOTOU	RESHIDG_SOUTH_IDR_WS_NOTOU
RES	HIDG	SOUTH	NIDR	NWS	NOTOU	RESHIDG_SOUTH_NIDR_NWS_NOTOU
RES	HIDG	WEST	IDR	WS	NOTOU	RESHIDG_WEST_IDR_WS_NOTOU
RES	HIDG	WEST	NIDR	NWS	NOTOU	RESHIDG_WEST_NIDR_NWS_NOTOU
RES	HIPV	COAST	IDR	WS	NOTOU	RESHIPV_COAST_IDR_WS_NOTOU
RES	HIPV	COAST	IDR	WS	TOU11	RESHIPV_COAST_IDR_WS_TOU11
RES	HIPV	COAST	IDR	WS	TOU12	RESHIPV_COAST_IDR_WS_TOU12
RES	HIPV	COAST	NIDR	NWS	NOTOU	RESHIPV_COAST_NIDR_NWS_NOTOU
RES	HIPV	COAST	NIDR	NWS	TOU11	RESHIPV_COAST_NIDR_NWS_TOU11
RES	HIPV	COAST	NIDR	NWS	TOU12	RESHIPV_COAST_NIDR_NWS_TOU12
RES	HIPV	EAST	IDR	WS	NOTOU	RESHIPV_EAST_IDR_WS_NOTOU
RES	HIPV	EAST	IDR	WS	TOU01	RESHIPV_EAST_IDR_WS_TOU01
RES	HIPV	EAST	IDR	WS	TOU02	RESHIPV_EAST_IDR_WS_TOU02
RES	HIPV	EAST	IDR	WS	TOU11	RESHIPV_EAST_IDR_WS_TOU11
RES	HIPV	EAST	IDR	WS	TOU12	RESHIPV_EAST_IDR_WS_TOU12
RES	HIPV	EAST	IDR	WS	TOU13	RESHIPV_EAST_IDR_WS_TOU13
RES	HIPV	EAST	NIDR	NWS	NOTOU	RESHIPV_EAST_NIDR_NWS_NOTOU
RES	HIPV	EAST	NIDR	NWS	TOU01	RESHIPV_EAST_NIDR_NWS_TOU01
RES	HIPV	EAST	NIDR	NWS	TOU02	RESHIPV_EAST_NIDR_NWS_TOU02
RES	HIPV	EAST	NIDR	NWS	TOU11	RESHIPV_EAST_NIDR_NWS_TOU11
RES	HIPV	EAST	NIDR	NWS	TOU12	RESHIPV_EAST_NIDR_NWS_TOU12
RES	HIPV	EAST	NIDR	NWS	TOU13	RESHIPV_EAST_NIDR_NWS_TOU13
RES	HIPV	FWEST	IDR	WS	NOTOU	RESHIPV_FWEST_IDR_WS_NOTOU
RES	HIPV	FWEST	IDR	WS	TOU01	RESHIPV_FWEST_IDR_WS_TOU01
RES	HIPV	FWEST	IDR	WS	TOU02	RESHIPV_FWEST_IDR_WS_TOU02
RES	HIPV	FWEST	IDR	WS	TOU11	RESHIPV_FWEST_IDR_WS_TOU11
RES	HIPV	FWEST	IDR	WS	TOU12	RESHIPV_FWEST_IDR_WS_TOU12
RES	HIPV	FWEST	IDR	WS	TOU13	RESHIPV_FWEST_IDR_WS_TOU13
RES	HIPV	FWEST	NIDR	NWS	NOTOU	RESHIPV_FWEST_NIDR_NWS_NOTOU
RES	HIPV	FWEST	NIDR	NWS	TOU01	RESHIPV_FWEST_NIDR_NWS_TOU01
RES	HIPV	FWEST	NIDR	NWS	TOU02	RESHIPV_FWEST_NIDR_NWS_TOU02
RES	HIPV	FWEST	NIDR	NWS	TOU11	RESHIPV_FWEST_NIDR_NWS_TOU11
RES	HIPV	FWEST	NIDR	NWS	TOU12	RESHIPV_FWEST_NIDR_NWS_TOU12
RES	HIPV	FWEST	NIDR	NWS	TOU13	RESHIPV_FWEST_NIDR_NWS_TOU13
RES	HIPV	NCENT	IDR	WS	NOTOU	RESHIPV_NCENT_IDR_WS_NOTOU
RES	HIPV	NCENT	IDR	WS	TOU01	RESHIPV_NCENT_IDR_WS_TOU01
RES	HIPV	NCENT	IDR	WS	TOU02	RESHIPV_NCENT_IDR_WS_TOU02
RES	HIPV	NCENT	IDR	WS	TOU11	RESHIPV_NCENT_IDR_WS_TOU11
RES	HIPV	NCENT	IDR	WS	TOU12	RESHIPV_NCENT_IDR_WS_TOU12
RES	HIPV	NCENT	IDR	WS	TOU13	RESHIPV_NCENT_IDR_WS_TOU13
RES	HIPV	NCENT	NIDR	NWS	NOTOU	RESHIPV_NCENT_NIDR_NWS_NOTOU
RES	HIPV	NCENT	NIDR	NWS	TOU01	RESHIPV_NCENT_NIDR_NWS_TOU01
RES	HIPV	NCENT	NIDR	NWS	TOU02	RESHIPV_NCENT_NIDR_NWS_TOU02
RES	HIPV	NCENT	NIDR	NWS	TOU11	RESHIPV_NCENT_NIDR_NWS_TOU11
RES	HIPV	NCENT	NIDR	NWS	TOU12	RESHIPV_NCENT_NIDR_NWS_TOU12
RES	HIPV	NCENT	NIDR	NWS	TOU13	RESHIPV_NCENT_NIDR_NWS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	HIPV	NORTH	IDR	WS	NOTOU	RESHIPV_NORTH_IDR_WS_NOTOU
RES	HIPV	NORTH	IDR	WS	TOU01	RESHIPV_NORTH_IDR_WS_TOU01
RES	HIPV	NORTH	IDR	WS	TOU02	RESHIPV_NORTH_IDR_WS_TOU02
RES	HIPV	NORTH	IDR	WS	TOU11	RESHIPV_NORTH_IDR_WS_TOU11
RES	HIPV	NORTH	IDR	WS	TOU12	RESHIPV_NORTH_IDR_WS_TOU12
RES	HIPV	NORTH	IDR	WS	TOU13	RESHIPV_NORTH_IDR_WS_TOU13
RES	HIPV	NORTH	NIDR	NWS	NOTOU	RESHIPV_NORTH_NIDR_NWS_NOTOU
RES	HIPV	NORTH	NIDR	NWS	TOU01	RESHIPV_NORTH_NIDR_NWS_TOU01
RES	HIPV	NORTH	NIDR	NWS	TOU02	RESHIPV_NORTH_NIDR_NWS_TOU02
RES	HIPV	NORTH	NIDR	NWS	TOU11	RESHIPV_NORTH_NIDR_NWS_TOU11
RES	HIPV	NORTH	NIDR	NWS	TOU12	RESHIPV_NORTH_NIDR_NWS_TOU12
RES	HIPV	NORTH	NIDR	NWS	TOU13	RESHIPV_NORTH_NIDR_NWS_TOU13
RES	HIPV	SCENT	IDR	WS	NOTOU	RESHIPV_SCENT_IDR_WS_NOTOU
RES	HIPV	SCENT	IDR	WS	TOU01	RESHIPV_SCENT_IDR_WS_TOU01
RES	HIPV	SCENT	IDR	WS	TOU02	RESHIPV_SCENT_IDR_WS_TOU02
RES	HIPV	SCENT	IDR	WS	TOU13	RESHIPV_SCENT_IDR_WS_TOU13
RES	HIPV	SCENT	NIDR	NWS	NOTOU	RESHIPV_SCENT_NIDR_NWS_NOTOU
RES	HIPV	SCENT	NIDR	NWS	TOU01	RESHIPV_SCENT_NIDR_NWS_TOU01
RES	HIPV	SCENT	NIDR	NWS	TOU02	RESHIPV_SCENT_NIDR_NWS_TOU02
RES	HIPV	SCENT	NIDR	NWS	TOU13	RESHIPV_SCENT_NIDR_NWS_TOU13
RES	HIPV	SOUTH	IDR	WS	NOTOU	RESHIPV_SOUTH_IDR_WS_NOTOU
RES	HIPV	SOUTH	NIDR	NWS	NOTOU	RESHIPV_SOUTH_NIDR_NWS_NOTOU
RES	HIPV	WEST	IDR	WS	NOTOU	RESHIPV_WEST_IDR_WS_NOTOU
RES	HIPV	WEST	IDR	WS	TOU01	RESHIPV_WEST_IDR_WS_TOU01
RES	HIPV	WEST	IDR	WS	TOU02	RESHIPV_WEST_IDR_WS_TOU02
RES	HIPV	WEST	IDR	WS	TOU13	RESHIPV_WEST_IDR_WS_TOU13
RES	HIPV	WEST	NIDR	NWS	NOTOU	RESHIPV_WEST_NIDR_NWS_NOTOU
RES	HIPV	WEST	NIDR	NWS	TOU01	RESHIPV_WEST_NIDR_NWS_TOU01
RES	HIPV	WEST	NIDR	NWS	TOU02	RESHIPV_WEST_NIDR_NWS_TOU02
RES	HIPV	WEST	NIDR	NWS	TOU13	RESHIPV_WEST_NIDR_NWS_TOU13
RES	HIWD	COAST	IDR	WS	NOTOU	RESHIWD_COAST_IDR_WS_NOTOU
RES	HIWD	COAST	IDR	WS	TOU11	RESHIWD_COAST_IDR_WS_TOU11
RES	HIWD	COAST	IDR	WS	TOU12	RESHIWD_COAST_IDR_WS_TOU12
RES	HIWD	COAST	NIDR	NWS	NOTOU	RESHIWD_COAST_NIDR_NWS_NOTOU
RES	HIWD	COAST	NIDR	NWS	TOU11	RESHIWD_COAST_NIDR_NWS_TOU11
RES	HIWD	COAST	NIDR	NWS	TOU12	RESHIWD_COAST_NIDR_NWS_TOU12
RES	HIWD	EAST	IDR	WS	NOTOU	RESHIWD_EAST_IDR_WS_NOTOU
RES	HIWD	EAST	IDR	WS	TOU01	RESHIWD_EAST_IDR_WS_TOU01
RES	HIWD	EAST	IDR	WS	TOU02	RESHIWD_EAST_IDR_WS_TOU02
RES	HIWD	EAST	IDR	WS	TOU11	RESHIWD_EAST_IDR_WS_TOU11
RES	HIWD	EAST	IDR	WS	TOU12	RESHIWD_EAST_IDR_WS_TOU12
RES	HIWD	EAST	IDR	WS	TOU13	RESHIWD_EAST_IDR_WS_TOU13
RES	HIWD	EAST	NIDR	NWS	NOTOU	RESHIWD_EAST_NIDR_NWS_NOTOU
RES	HIWD	EAST	NIDR	NWS	TOU01	RESHIWD_EAST_NIDR_NWS_TOU01
RES	HIWD	EAST	NIDR	NWS	TOU02	RESHIWD_EAST_NIDR_NWS_TOU02
RES	HIWD	EAST	NIDR	NWS	TOU11	RESHIWD_EAST_NIDR_NWS_TOU11
RES	HIWD	EAST	NIDR	NWS	TOU12	RESHIWD_EAST_NIDR_NWS_TOU12
RES	HIWD	EAST	NIDR	NWS	TOU13	RESHIWD_EAST_NIDR_NWS_TOU13
RES	HIWD	FWEST	IDR	WS	NOTOU	RESHIWD_FWEST_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	HIWD	FWEST	IDR	WS	TOU01	RESHIWD_FWEST_IDR_WS_TOU01
RES	HIWD	FWEST	IDR	WS	TOU02	RESHIWD_FWEST_IDR_WS_TOU02
RES	HIWD	FWEST	IDR	WS	TOU11	RESHIWD_FWEST_IDR_WS_TOU11
RES	HIWD	FWEST	IDR	WS	TOU12	RESHIWD_FWEST_IDR_WS_TOU12
RES	HIWD	FWEST	IDR	WS	TOU13	RESHIWD_FWEST_IDR_WS_TOU13
RES	HIWD	FWEST	NIDR	NWS	NOTOU	RESHIWD_FWEST_NIDR_NWS_NOTOU
RES	HIWD	FWEST	NIDR	NWS	TOU01	RESHIWD_FWEST_NIDR_NWS_TOU01
RES	HIWD	FWEST	NIDR	NWS	TOU02	RESHIWD_FWEST_NIDR_NWS_TOU02
RES	HIWD	FWEST	NIDR	NWS	TOU11	RESHIWD_FWEST_NIDR_NWS_TOU11
RES	HIWD	FWEST	NIDR	NWS	TOU12	RESHIWD_FWEST_NIDR_NWS_TOU12
RES	HIWD	FWEST	NIDR	NWS	TOU13	RESHIWD_FWEST_NIDR_NWS_TOU13
RES	HIWD	NCENT	IDR	WS	NOTOU	RESHIWD_NCENT_IDR_WS_NOTOU
RES	HIWD	NCENT	IDR	WS	TOU01	RESHIWD_NCENT_IDR_WS_TOU01
RES	HIWD	NCENT	IDR	WS	TOU02	RESHIWD_NCENT_IDR_WS_TOU02
RES	HIWD	NCENT	IDR	WS	TOU11	RESHIWD_NCENT_IDR_WS_TOU11
RES	HIWD	NCENT	IDR	WS	TOU12	RESHIWD_NCENT_IDR_WS_TOU12
RES	HIWD	NCENT	IDR	WS	TOU13	RESHIWD_NCENT_IDR_WS_TOU13
RES	HIWD	NCENT	NIDR	NWS	NOTOU	RESHIWD_NCENT_NIDR_NWS_NOTOU
RES	HIWD	NCENT	NIDR	NWS	TOU01	RESHIWD_NCENT_NIDR_NWS_TOU01
RES	HIWD	NCENT	NIDR	NWS	TOU02	RESHIWD_NCENT_NIDR_NWS_TOU02
RES	HIWD	NCENT	NIDR	NWS	TOU11	RESHIWD_NCENT_NIDR_NWS_TOU11
RES	HIWD	NCENT	NIDR	NWS	TOU12	RESHIWD_NCENT_NIDR_NWS_TOU12
RES	HIWD	NCENT	NIDR	NWS	TOU13	RESHIWD_NCENT_NIDR_NWS_TOU13
RES	HIWD	NORTH	IDR	WS	NOTOU	RESHIWD_NORTH_IDR_WS_NOTOU
RES	HIWD	NORTH	IDR	WS	TOU01	RESHIWD_NORTH_IDR_WS_TOU01
RES	HIWD	NORTH	IDR	WS	TOU02	RESHIWD_NORTH_IDR_WS_TOU02
RES	HIWD	NORTH	IDR	WS	TOU11	RESHIWD_NORTH_IDR_WS_TOU11
RES	HIWD	NORTH	IDR	WS	TOU12	RESHIWD_NORTH_IDR_WS_TOU12
RES	HIWD	NORTH	IDR	WS	TOU13	RESHIWD_NORTH_IDR_WS_TOU13
RES	HIWD	NORTH	NIDR	NWS	NOTOU	RESHIWD_NORTH_NIDR_NWS_NOTOU
RES	HIWD	NORTH	NIDR	NWS	TOU01	RESHIWD_NORTH_NIDR_NWS_TOU01
RES	HIWD	NORTH	NIDR	NWS	TOU02	RESHIWD_NORTH_NIDR_NWS_TOU02
RES	HIWD	NORTH	NIDR	NWS	TOU11	RESHIWD_NORTH_NIDR_NWS_TOU11
RES	HIWD	NORTH	NIDR	NWS	TOU12	RESHIWD_NORTH_NIDR_NWS_TOU12
RES	HIWD	NORTH	NIDR	NWS	TOU13	RESHIWD_NORTH_NIDR_NWS_TOU13
RES	HIWD	SCENT	IDR	WS	NOTOU	RESHIWD_SCENT_IDR_WS_NOTOU
RES	HIWD	SCENT	IDR	WS	TOU01	RESHIWD_SCENT_IDR_WS_TOU01
RES	HIWD	SCENT	IDR	WS	TOU02	RESHIWD_SCENT_IDR_WS_TOU02
RES	HIWD	SCENT	IDR	WS	TOU13	RESHIWD_SCENT_IDR_WS_TOU13
RES	HIWD	SCENT	NIDR	NWS	NOTOU	RESHIWD_SCENT_NIDR_NWS_NOTOU
RES	HIWD	SCENT	NIDR	NWS	TOU01	RESHIWD_SCENT_NIDR_NWS_TOU01
RES	HIWD	SCENT	NIDR	NWS	TOU02	RESHIWD_SCENT_NIDR_NWS_TOU02
RES	HIWD	SCENT	NIDR	NWS	TOU13	RESHIWD_SCENT_NIDR_NWS_TOU13
RES	HIWD	SOUTH	IDR	WS	NOTOU	RESHIWD_SOUTH_IDR_WS_NOTOU
RES	HIWD	SOUTH	NIDR	NWS	NOTOU	RESHIWD_SOUTH_NIDR_NWS_NOTOU
RES	HIWD	WEST	IDR	WS	NOTOU	RESHIWD_WEST_IDR_WS_NOTOU
RES	HIWD	WEST	IDR	WS	TOU01	RESHIWD_WEST_IDR_WS_TOU01
RES	HIWD	WEST	IDR	WS	TOU02	RESHIWD_WEST_IDR_WS_TOU02
RES	HIWD	WEST	IDR	WS	TOU13	RESHIWD_WEST_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	HIWD	WEST	NIDR	NWS	NOTOU	RESHIWD_WEST_NIDR_NWS_NOTOU
RES	HIWD	WEST	NIDR	NWS	TOU01	RESHIWD_WEST_NIDR_NWS_TOU01
RES	HIWD	WEST	NIDR	NWS	TOU02	RESHIWD_WEST_NIDR_NWS_TOU02
RES	HIWD	WEST	NIDR	NWS	TOU13	RESHIWD_WEST_NIDR_NWS_TOU13
RES	HIWR	COAST	IDR	WS	NOTOU	RESHIWR_COAST_IDR_WS_NOTOU
RES	HIWR	COAST	IDR	WS	TOU11	RESHIWR_COAST_IDR_WS_TOU11
RES	HIWR	COAST	IDR	WS	TOU12	RESHIWR_COAST_IDR_WS_TOU12
RES	HIWR	COAST	NIDR	NWS	NOTOU	RESHIWR_COAST_NIDR_NWS_NOTOU
RES	HIWR	COAST	NIDR	NWS	TOU11	RESHIWR_COAST_NIDR_NWS_TOU11
RES	HIWR	COAST	NIDR	NWS	TOU12	RESHIWR_COAST_NIDR_NWS_TOU12
RES	HIWR	EAST	IDR	WS	NOTOU	RESHIWR_EAST_IDR_WS_NOTOU
RES	HIWR	EAST	IDR	WS	TOU01	RESHIWR_EAST_IDR_WS_TOU01
RES	HIWR	EAST	IDR	WS	TOU02	RESHIWR_EAST_IDR_WS_TOU02
RES	HIWR	EAST	IDR	WS	TOU11	RESHIWR_EAST_IDR_WS_TOU11
RES	HIWR	EAST	IDR	WS	TOU12	RESHIWR_EAST_IDR_WS_TOU12
RES	HIWR	EAST	IDR	WS	TOU13	RESHIWR_EAST_IDR_WS_TOU13
RES	HIWR	EAST	NIDR	NWS	NOTOU	RESHIWR_EAST_NIDR_NWS_NOTOU
RES	HIWR	EAST	NIDR	NWS	TOU01	RESHIWR_EAST_NIDR_NWS_TOU01
RES	HIWR	EAST	NIDR	NWS	TOU02	RESHIWR_EAST_NIDR_NWS_TOU02
RES	HIWR	EAST	NIDR	NWS	TOU11	RESHIWR_EAST_NIDR_NWS_TOU11
RES	HIWR	EAST	NIDR	NWS	TOU12	RESHIWR_EAST_NIDR_NWS_TOU12
RES	HIWR	EAST	NIDR	NWS	TOU13	RESHIWR_EAST_NIDR_NWS_TOU13
RES	HIWR	FWEST	IDR	WS	NOTOU	RESHIWR_FWEST_IDR_WS_NOTOU
RES	HIWR	FWEST	IDR	WS	TOU01	RESHIWR_FWEST_IDR_WS_TOU01
RES	HIWR	FWEST	IDR	WS	TOU02	RESHIWR_FWEST_IDR_WS_TOU02
RES	HIWR	FWEST	IDR	WS	TOU11	RESHIWR_FWEST_IDR_WS_TOU11
RES	HIWR	FWEST	IDR	WS	TOU12	RESHIWR_FWEST_IDR_WS_TOU12
RES	HIWR	FWEST	IDR	WS	TOU13	RESHIWR_FWEST_IDR_WS_TOU13
RES	HIWR	FWEST	NIDR	NWS	NOTOU	RESHIWR_FWEST_NIDR_NWS_NOTOU
RES	HIWR	FWEST	NIDR	NWS	TOU01	RESHIWR_FWEST_NIDR_NWS_TOU01
RES	HIWR	FWEST	NIDR	NWS	TOU02	RESHIWR_FWEST_NIDR_NWS_TOU02
RES	HIWR	FWEST	NIDR	NWS	TOU11	RESHIWR_FWEST_NIDR_NWS_TOU11
RES	HIWR	FWEST	NIDR	NWS	TOU12	RESHIWR_FWEST_NIDR_NWS_TOU12
RES	HIWR	FWEST	NIDR	NWS	TOU13	RESHIWR_FWEST_NIDR_NWS_TOU13
RES	HIWR	NCENT	IDR	WS	NOTOU	RESHIWR_NCENT_IDR_WS_NOTOU
RES	HIWR	NCENT	IDR	WS	TOU01	RESHIWR_NCENT_IDR_WS_TOU01
RES	HIWR	NCENT	IDR	WS	TOU02	RESHIWR_NCENT_IDR_WS_TOU02
RES	HIWR	NCENT	IDR	WS	TOU11	RESHIWR_NCENT_IDR_WS_TOU11
RES	HIWR	NCENT	IDR	WS	TOU12	RESHIWR_NCENT_IDR_WS_TOU12
RES	HIWR	NCENT	IDR	WS	TOU13	RESHIWR_NCENT_IDR_WS_TOU13
RES	HIWR	NCENT	NIDR	NWS	NOTOU	RESHIWR_NCENT_NIDR_NWS_NOTOU
RES	HIWR	NCENT	NIDR	NWS	TOU01	RESHIWR_NCENT_NIDR_NWS_TOU01
RES	HIWR	NCENT	NIDR	NWS	TOU02	RESHIWR_NCENT_NIDR_NWS_TOU02
RES	HIWR	NCENT	NIDR	NWS	TOU11	RESHIWR_NCENT_NIDR_NWS_TOU11
RES	HIWR	NCENT	NIDR	NWS	TOU12	RESHIWR_NCENT_NIDR_NWS_TOU12
RES	HIWR	NCENT	NIDR	NWS	TOU13	RESHIWR_NCENT_NIDR_NWS_TOU13
RES	HIWR	NORTH	IDR	WS	NOTOU	RESHIWR_NORTH_IDR_WS_NOTOU
RES	HIWR	NORTH	IDR	WS	TOU01	RESHIWR_NORTH_IDR_WS_TOU01
RES	HIWR	NORTH	IDR	WS	TOU02	RESHIWR_NORTH_IDR_WS_TOU02

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	HIWR	NORTH	IDR	WS	TOU11	RESHIWR_NORTH_IDR_WS_TOU11
RES	HIWR	NORTH	IDR	WS	TOU12	RESHIWR_NORTH_IDR_WS_TOU12
RES	HIWR	NORTH	IDR	WS	TOU13	RESHIWR_NORTH_IDR_WS_TOU13
RES	HIWR	NORTH	NIDR	NWS	NOTOU	RESHIWR_NORTH_NIDR_NWS_NOTOU
RES	HIWR	NORTH	NIDR	NWS	TOU01	RESHIWR_NORTH_NIDR_NWS_TOU01
RES	HIWR	NORTH	NIDR	NWS	TOU02	RESHIWR_NORTH_NIDR_NWS_TOU02
RES	HIWR	NORTH	NIDR	NWS	TOU11	RESHIWR_NORTH_NIDR_NWS_TOU11
RES	HIWR	NORTH	NIDR	NWS	TOU12	RESHIWR_NORTH_NIDR_NWS_TOU12
RES	HIWR	NORTH	NIDR	NWS	TOU13	RESHIWR_NORTH_NIDR_NWS_TOU13
RES	HIWR	SCENT	IDR	WS	NOTOU	RESHIWR_SCENT_IDR_WS_NOTOU
RES	HIWR	SCENT	IDR	WS	TOU01	RESHIWR_SCENT_IDR_WS_TOU01
RES	HIWR	SCENT	IDR	WS	TOU02	RESHIWR_SCENT_IDR_WS_TOU02
RES	HIWR	SCENT	IDR	WS	TOU13	RESHIWR_SCENT_IDR_WS_TOU13
RES	HIWR	SCENT	NIDR	NWS	NOTOU	RESHIWR_SCENT_NIDR_NWS_NOTOU
RES	HIWR	SCENT	NIDR	NWS	TOU01	RESHIWR_SCENT_NIDR_NWS_TOU01
RES	HIWR	SCENT	NIDR	NWS	TOU02	RESHIWR_SCENT_NIDR_NWS_TOU02
RES	HIWR	SCENT	NIDR	NWS	TOU13	RESHIWR_SCENT_NIDR_NWS_TOU13
RES	HIWR	SOUTH	IDR	WS	NOTOU	RESHIWR_SOUTH_IDR_WS_NOTOU
RES	HIWR	SOUTH	NIDR	NWS	NOTOU	RESHIWR_SOUTH_NIDR_NWS_NOTOU
RES	HIWR	WEST	IDR	WS	NOTOU	RESHIWR_WEST_IDR_WS_NOTOU
RES	HIWR	WEST	IDR	WS	TOU01	RESHIWR_WEST_IDR_WS_TOU01
RES	HIWR	WEST	IDR	WS	TOU02	RESHIWR_WEST_IDR_WS_TOU02
RES	HIWR	WEST	IDR	WS	TOU13	RESHIWR_WEST_IDR_WS_TOU13
RES	HIWR	WEST	NIDR	NWS	NOTOU	RESHIWR_WEST_NIDR_NWS_NOTOU
RES	HIWR	WEST	NIDR	NWS	TOU01	RESHIWR_WEST_NIDR_NWS_TOU01
RES	HIWR	WEST	NIDR	NWS	TOU02	RESHIWR_WEST_NIDR_NWS_TOU02
RES	HIWR	WEST	NIDR	NWS	TOU13	RESHIWR_WEST_NIDR_NWS_TOU13
RES	LODG	COAST	IDR	WS	NOTOU	RESLODG_COAST_IDR_WS_NOTOU
RES	LODG	COAST	NIDR	NWS	NOTOU	RESLODG_COAST_NIDR_NWS_NOTOU
RES	LODG	EAST	IDR	WS	NOTOU	RESLODG_EAST_IDR_WS_NOTOU
RES	LODG	EAST	NIDR	NWS	NOTOU	RESLODG_EAST_NIDR_NWS_NOTOU
RES	LODG	FWEST	IDR	WS	NOTOU	RESLODG_FWEST_IDR_WS_NOTOU
RES	LODG	FWEST	NIDR	NWS	NOTOU	RESLODG_FWEST_NIDR_NWS_NOTOU
RES	LODG	NCENT	IDR	WS	NOTOU	RESLODG_NCENT_IDR_WS_NOTOU
RES	LODG	NCENT	NIDR	NWS	NOTOU	RESLODG_NCENT_NIDR_NWS_NOTOU
RES	LODG	NORTH	IDR	WS	NOTOU	RESLODG_NORTH_IDR_WS_NOTOU
RES	LODG	NORTH	NIDR	NWS	NOTOU	RESLODG_NORTH_NIDR_NWS_NOTOU
RES	LODG	SCENT	IDR	WS	NOTOU	RESLODG_SCENT_IDR_WS_NOTOU
RES	LODG	SCENT	NIDR	NWS	NOTOU	RESLODG_SCENT_NIDR_NWS_NOTOU
RES	LODG	SOUTH	IDR	WS	NOTOU	RESLODG_SOUTH_IDR_WS_NOTOU
RES	LODG	SOUTH	NIDR	NWS	NOTOU	RESLODG_SOUTH_NIDR_NWS_NOTOU
RES	LODG	WEST	IDR	WS	NOTOU	RESLODG_WEST_IDR_WS_NOTOU
RES	LODG	WEST	NIDR	NWS	NOTOU	RESLODG_WEST_NIDR_NWS_NOTOU
RES	LOPV	COAST	IDR	WS	NOTOU	RESLOPV_COAST_IDR_WS_NOTOU
RES	LOPV	COAST	IDR	WS	TOU11	RESLOPV_COAST_IDR_WS_TOU11
RES	LOPV	COAST	IDR	WS	TOU12	RESLOPV_COAST_IDR_WS_TOU12
RES	LOPV	COAST	NIDR	NWS	NOTOU	RESLOPV_COAST_NIDR_NWS_NOTOU
RES	LOPV	COAST	NIDR	NWS	TOU11	RESLOPV_COAST_NIDR_NWS_TOU11
RES	LOPV	COAST	NIDR	NWS	TOU12	RESLOPV_COAST_NIDR_NWS_TOU12

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	LOPV	EAST	IDR	WS	NOTOU	RESLOPV_EAST_IDR_WS_NOTOU
RES	LOPV	EAST	IDR	WS	TOU01	RESLOPV_EAST_IDR_WS_TOU01
RES	LOPV	EAST	IDR	WS	TOU02	RESLOPV_EAST_IDR_WS_TOU02
RES	LOPV	EAST	IDR	WS	TOU11	RESLOPV_EAST_IDR_WS_TOU11
RES	LOPV	EAST	IDR	WS	TOU12	RESLOPV_EAST_IDR_WS_TOU12
RES	LOPV	EAST	IDR	WS	TOU13	RESLOPV_EAST_IDR_WS_TOU13
RES	LOPV	EAST	NIDR	NWS	NOTOU	RESLOPV_EAST_NIDR_NWS_NOTOU
RES	LOPV	EAST	NIDR	NWS	TOU01	RESLOPV_EAST_NIDR_NWS_TOU01
RES	LOPV	EAST	NIDR	NWS	TOU02	RESLOPV_EAST_NIDR_NWS_TOU02
RES	LOPV	EAST	NIDR	NWS	TOU11	RESLOPV_EAST_NIDR_NWS_TOU11
RES	LOPV	EAST	NIDR	NWS	TOU12	RESLOPV_EAST_NIDR_NWS_TOU12
RES	LOPV	EAST	NIDR	NWS	TOU13	RESLOPV_EAST_NIDR_NWS_TOU13
RES	LOPV	FWEST	IDR	WS	NOTOU	RESLOPV_FWEST_IDR_WS_NOTOU
RES	LOPV	FWEST	IDR	WS	TOU01	RESLOPV_FWEST_IDR_WS_TOU01
RES	LOPV	FWEST	IDR	WS	TOU02	RESLOPV_FWEST_IDR_WS_TOU02
RES	LOPV	FWEST	IDR	WS	TOU11	RESLOPV_FWEST_IDR_WS_TOU11
RES	LOPV	FWEST	IDR	WS	TOU12	RESLOPV_FWEST_IDR_WS_TOU12
RES	LOPV	FWEST	IDR	WS	TOU13	RESLOPV_FWEST_IDR_WS_TOU13
RES	LOPV	FWEST	NIDR	NWS	NOTOU	RESLOPV_FWEST_NIDR_NWS_NOTOU
RES	LOPV	FWEST	NIDR	NWS	TOU01	RESLOPV_FWEST_NIDR_NWS_TOU01
RES	LOPV	FWEST	NIDR	NWS	TOU02	RESLOPV_FWEST_NIDR_NWS_TOU02
RES	LOPV	FWEST	NIDR	NWS	TOU11	RESLOPV_FWEST_NIDR_NWS_TOU11
RES	LOPV	FWEST	NIDR	NWS	TOU12	RESLOPV_FWEST_NIDR_NWS_TOU12
RES	LOPV	FWEST	NIDR	NWS	TOU13	RESLOPV_FWEST_NIDR_NWS_TOU13
RES	LOPV	NCENT	IDR	WS	NOTOU	RESLOPV_NCENT_IDR_WS_NOTOU
RES	LOPV	NCENT	IDR	WS	TOU01	RESLOPV_NCENT_IDR_WS_TOU01
RES	LOPV	NCENT	IDR	WS	TOU02	RESLOPV_NCENT_IDR_WS_TOU02
RES	LOPV	NCENT	IDR	WS	TOU11	RESLOPV_NCENT_IDR_WS_TOU11
RES	LOPV	NCENT	IDR	WS	TOU12	RESLOPV_NCENT_IDR_WS_TOU12
RES	LOPV	NCENT	IDR	WS	TOU13	RESLOPV_NCENT_IDR_WS_TOU13
RES	LOPV	NCENT	NIDR	NWS	NOTOU	RESLOPV_NCENT_NIDR_NWS_NOTOU
RES	LOPV	NCENT	NIDR	NWS	TOU01	RESLOPV_NCENT_NIDR_NWS_TOU01
RES	LOPV	NCENT	NIDR	NWS	TOU02	RESLOPV_NCENT_NIDR_NWS_TOU02
RES	LOPV	NCENT	NIDR	NWS	TOU11	RESLOPV_NCENT_NIDR_NWS_TOU11
RES	LOPV	NCENT	NIDR	NWS	TOU12	RESLOPV_NCENT_NIDR_NWS_TOU12
RES	LOPV	NCENT	NIDR	NWS	TOU13	RESLOPV_NCENT_NIDR_NWS_TOU13
RES	LOPV	NORTH	IDR	WS	NOTOU	RESLOPV_NORTH_IDR_WS_NOTOU
RES	LOPV	NORTH	IDR	WS	TOU01	RESLOPV_NORTH_IDR_WS_TOU01
RES	LOPV	NORTH	IDR	WS	TOU02	RESLOPV_NORTH_IDR_WS_TOU02
RES	LOPV	NORTH	IDR	WS	TOU11	RESLOPV_NORTH_IDR_WS_TOU11
RES	LOPV	NORTH	IDR	WS	TOU12	RESLOPV_NORTH_IDR_WS_TOU12
RES	LOPV	NORTH	IDR	WS	TOU13	RESLOPV_NORTH_IDR_WS_TOU13
RES	LOPV	NORTH	NIDR	NWS	NOTOU	RESLOPV_NORTH_NIDR_NWS_NOTOU
RES	LOPV	NORTH	NIDR	NWS	TOU01	RESLOPV_NORTH_NIDR_NWS_TOU01
RES	LOPV	NORTH	NIDR	NWS	TOU02	RESLOPV_NORTH_NIDR_NWS_TOU02
RES	LOPV	NORTH	NIDR	NWS	TOU11	RESLOPV_NORTH_NIDR_NWS_TOU11
RES	LOPV	NORTH	NIDR	NWS	TOU12	RESLOPV_NORTH_NIDR_NWS_TOU12
RES	LOPV	NORTH	NIDR	NWS	TOU13	RESLOPV_NORTH_NIDR_NWS_TOU13
RES	LOPV	SCENT	IDR	WS	NOTOU	RESLOPV_SCENT_IDR_WS_NOTOU

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	LOPV	SCENT	IDR	WS	TOU01	RESLOPV_SCENT_IDR_WS_TOU01
RES	LOPV	SCENT	IDR	WS	TOU02	RESLOPV_SCENT_IDR_WS_TOU02
RES	LOPV	SCENT	IDR	WS	TOU13	RESLOPV_SCENT_IDR_WS_TOU13
RES	LOPV	SCENT	NIDR	NWS	NOTOU	RESLOPV_SCENT_NIDR_NWS_NOTOU
RES	LOPV	SCENT	NIDR	NWS	TOU01	RESLOPV_SCENT_NIDR_NWS_TOU01
RES	LOPV	SCENT	NIDR	NWS	TOU02	RESLOPV_SCENT_NIDR_NWS_TOU02
RES	LOPV	SCENT	NIDR	NWS	TOU13	RESLOPV_SCENT_NIDR_NWS_TOU13
RES	LOPV	SOUTH	IDR	WS	NOTOU	RESLOPV_SOUTH_IDR_WS_NOTOU
RES	LOPV	SOUTH	NIDR	NWS	NOTOU	RESLOPV_SOUTH_NIDR_NWS_NOTOU
RES	LOPV	WEST	IDR	WS	NOTOU	RESLOPV_WEST_IDR_WS_NOTOU
RES	LOPV	WEST	IDR	WS	TOU01	RESLOPV_WEST_IDR_WS_TOU01
RES	LOPV	WEST	IDR	WS	TOU02	RESLOPV_WEST_IDR_WS_TOU02
RES	LOPV	WEST	IDR	WS	TOU13	RESLOPV_WEST_IDR_WS_TOU13
RES	LOPV	WEST	NIDR	NWS	NOTOU	RESLOPV_WEST_NIDR_NWS_NOTOU
RES	LOPV	WEST	NIDR	NWS	TOU01	RESLOPV_WEST_NIDR_NWS_TOU01
RES	LOPV	WEST	NIDR	NWS	TOU02	RESLOPV_WEST_NIDR_NWS_TOU02
RES	LOPV	WEST	NIDR	NWS	TOU13	RESLOPV_WEST_NIDR_NWS_TOU13
RES	LOWD	COAST	IDR	WS	NOTOU	RESLOWD_COAST_IDR_WS_NOTOU
RES	LOWD	COAST	IDR	WS	TOU11	RESLOWD_COAST_IDR_WS_TOU11
RES	LOWD	COAST	IDR	WS	TOU12	RESLOWD_COAST_IDR_WS_TOU12
RES	LOWD	COAST	NIDR	NWS	NOTOU	RESLOWD_COAST_NIDR_NWS_NOTOU
RES	LOWD	COAST	NIDR	NWS	TOU11	RESLOWD_COAST_NIDR_NWS_TOU11
RES	LOWD	COAST	NIDR	NWS	TOU12	RESLOWD_COAST_NIDR_NWS_TOU12
RES	LOWD	EAST	IDR	WS	NOTOU	RESLOWD_EAST_IDR_WS_NOTOU
RES	LOWD	EAST	IDR	WS	TOU01	RESLOWD_EAST_IDR_WS_TOU01
RES	LOWD	EAST	IDR	WS	TOU02	RESLOWD_EAST_IDR_WS_TOU02
RES	LOWD	EAST	IDR	WS	TOU11	RESLOWD_EAST_IDR_WS_TOU11
RES	LOWD	EAST	IDR	WS	TOU12	RESLOWD_EAST_IDR_WS_TOU12
RES	LOWD	EAST	IDR	WS	TOU13	RESLOWD_EAST_IDR_WS_TOU13
RES	LOWD	EAST	NIDR	NWS	NOTOU	RESLOWD_EAST_NIDR_NWS_NOTOU
RES	LOWD	EAST	NIDR	NWS	TOU01	RESLOWD_EAST_NIDR_NWS_TOU01
RES	LOWD	EAST	NIDR	NWS	TOU02	RESLOWD_EAST_NIDR_NWS_TOU02
RES	LOWD	EAST	NIDR	NWS	TOU11	RESLOWD_EAST_NIDR_NWS_TOU11
RES	LOWD	EAST	NIDR	NWS	TOU12	RESLOWD_EAST_NIDR_NWS_TOU12
RES	LOWD	EAST	NIDR	NWS	TOU13	RESLOWD_EAST_NIDR_NWS_TOU13
RES	LOWD	FWEST	IDR	WS	NOTOU	RESLOWD_FWEST_IDR_WS_NOTOU
RES	LOWD	FWEST	IDR	WS	TOU01	RESLOWD_FWEST_IDR_WS_TOU01
RES	LOWD	FWEST	IDR	WS	TOU02	RESLOWD_FWEST_IDR_WS_TOU02
RES	LOWD	FWEST	IDR	WS	TOU11	RESLOWD_FWEST_IDR_WS_TOU11
RES	LOWD	FWEST	IDR	WS	TOU12	RESLOWD_FWEST_IDR_WS_TOU12
RES	LOWD	FWEST	IDR	WS	TOU13	RESLOWD_FWEST_IDR_WS_TOU13
RES	LOWD	FWEST	NIDR	NWS	NOTOU	RESLOWD_FWEST_NIDR_NWS_NOTOU
RES	LOWD	FWEST	NIDR	NWS	TOU01	RESLOWD_FWEST_NIDR_NWS_TOU01
RES	LOWD	FWEST	NIDR	NWS	TOU02	RESLOWD_FWEST_NIDR_NWS_TOU02
RES	LOWD	FWEST	NIDR	NWS	TOU11	RESLOWD_FWEST_NIDR_NWS_TOU11
RES	LOWD	FWEST	NIDR	NWS	TOU12	RESLOWD_FWEST_NIDR_NWS_TOU12
RES	LOWD	FWEST	NIDR	NWS	TOU13	RESLOWD_FWEST_NIDR_NWS_TOU13
RES	LOWD	NCENT	IDR	WS	NOTOU	RESLOWD_NCENT_IDR_WS_NOTOU
RES	LOWD	NCENT	IDR	WS	TOU01	RESLOWD_NCENT_IDR_WS_TOU01

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	LOWD	NCENT	IDR	WS	TOU02	RESLOWD_NCENT_IDR_WS_TOU02
RES	LOWD	NCENT	IDR	WS	TOU11	RESLOWD_NCENT_IDR_WS_TOU11
RES	LOWD	NCENT	IDR	WS	TOU12	RESLOWD_NCENT_IDR_WS_TOU12
RES	LOWD	NCENT	IDR	WS	TOU13	RESLOWD_NCENT_IDR_WS_TOU13
RES	LOWD	NCENT	NIDR	NWS	NOTOU	RESLOWD_NCENT_NIDR_NWS_NOTOU
RES	LOWD	NCENT	NIDR	NWS	TOU01	RESLOWD_NCENT_NIDR_NWS_TOU01
RES	LOWD	NCENT	NIDR	NWS	TOU02	RESLOWD_NCENT_NIDR_NWS_TOU02
RES	LOWD	NCENT	NIDR	NWS	TOU11	RESLOWD_NCENT_NIDR_NWS_TOU11
RES	LOWD	NCENT	NIDR	NWS	TOU12	RESLOWD_NCENT_NIDR_NWS_TOU12
RES	LOWD	NCENT	NIDR	NWS	TOU13	RESLOWD_NCENT_NIDR_NWS_TOU13
RES	LOWD	NORTH	IDR	WS	NOTOU	RESLOWD_NORTH_IDR_WS_NOTOU
RES	LOWD	NORTH	IDR	WS	TOU01	RESLOWD_NORTH_IDR_WS_TOU01
RES	LOWD	NORTH	IDR	WS	TOU02	RESLOWD_NORTH_IDR_WS_TOU02
RES	LOWD	NORTH	IDR	WS	TOU11	RESLOWD_NORTH_IDR_WS_TOU11
RES	LOWD	NORTH	IDR	WS	TOU12	RESLOWD_NORTH_IDR_WS_TOU12
RES	LOWD	NORTH	IDR	WS	TOU13	RESLOWD_NORTH_IDR_WS_TOU13
RES	LOWD	NORTH	NIDR	NWS	NOTOU	RESLOWD_NORTH_NIDR_NWS_NOTOU
RES	LOWD	NORTH	NIDR	NWS	TOU01	RESLOWD_NORTH_NIDR_NWS_TOU01
RES	LOWD	NORTH	NIDR	NWS	TOU02	RESLOWD_NORTH_NIDR_NWS_TOU02
RES	LOWD	NORTH	NIDR	NWS	TOU11	RESLOWD_NORTH_NIDR_NWS_TOU11
RES	LOWD	NORTH	NIDR	NWS	TOU12	RESLOWD_NORTH_NIDR_NWS_TOU12
RES	LOWD	NORTH	NIDR	NWS	TOU13	RESLOWD_NORTH_NIDR_NWS_TOU13
RES	LOWD	SCENT	IDR	WS	NOTOU	RESLOWD_SCENT_IDR_WS_NOTOU
RES	LOWD	SCENT	IDR	WS	TOU01	RESLOWD_SCENT_IDR_WS_TOU01
RES	LOWD	SCENT	IDR	WS	TOU02	RESLOWD_SCENT_IDR_WS_TOU02
RES	LOWD	SCENT	IDR	WS	TOU13	RESLOWD_SCENT_IDR_WS_TOU13
RES	LOWD	SCENT	NIDR	NWS	NOTOU	RESLOWD_SCENT_NIDR_NWS_NOTOU
RES	LOWD	SCENT	NIDR	NWS	TOU01	RESLOWD_SCENT_NIDR_NWS_TOU01
RES	LOWD	SCENT	NIDR	NWS	TOU02	RESLOWD_SCENT_NIDR_NWS_TOU02
RES	LOWD	SCENT	NIDR	NWS	TOU13	RESLOWD_SCENT_NIDR_NWS_TOU13
RES	LOWD	SOUTH	IDR	WS	NOTOU	RESLOWD_SOUTH_IDR_WS_NOTOU
RES	LOWD	SOUTH	NIDR	NWS	NOTOU	RESLOWD_SOUTH_NIDR_NWS_NOTOU
RES	LOWD	WEST	IDR	WS	NOTOU	RESLOWD_WEST_IDR_WS_NOTOU
RES	LOWD	WEST	IDR	WS	TOU01	RESLOWD_WEST_IDR_WS_TOU01
RES	LOWD	WEST	IDR	WS	TOU02	RESLOWD_WEST_IDR_WS_TOU02
RES	LOWD	WEST	IDR	WS	TOU13	RESLOWD_WEST_IDR_WS_TOU13
RES	LOWD	WEST	NIDR	NWS	NOTOU	RESLOWD_WEST_NIDR_NWS_NOTOU
RES	LOWD	WEST	NIDR	NWS	TOU01	RESLOWD_WEST_NIDR_NWS_TOU01
RES	LOWD	WEST	NIDR	NWS	TOU02	RESLOWD_WEST_NIDR_NWS_TOU02
RES	LOWD	WEST	NIDR	NWS	TOU13	RESLOWD_WEST_NIDR_NWS_TOU13
RES	LOWR	COAST	IDR	WS	NOTOU	RESLOWR_COAST_IDR_WS_NOTOU
RES	LOWR	COAST	IDR	WS	TOU11	RESLOWR_COAST_IDR_WS_TOU11
RES	LOWR	COAST	IDR	WS	TOU12	RESLOWR_COAST_IDR_WS_TOU12
RES	LOWR	COAST	NIDR	NWS	NOTOU	RESLOWR_COAST_NIDR_NWS_NOTOU
RES	LOWR	COAST	NIDR	NWS	TOU11	RESLOWR_COAST_NIDR_NWS_TOU11
RES	LOWR	COAST	NIDR	NWS	TOU12	RESLOWR_COAST_NIDR_NWS_TOU12
RES	LOWR	EAST	IDR	WS	NOTOU	RESLOWR_EAST_IDR_WS_NOTOU
RES	LOWR	EAST	IDR	WS	TOU01	RESLOWR_EAST_IDR_WS_TOU01
RES	LOWR	EAST	IDR	WS	TOU02	RESLOWR_EAST_IDR_WS_TOU02

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	LOWR	EAST	IDR	WS	TOU11	RESLOWR_EAST_IDR_WS_TOU11
RES	LOWR	EAST	IDR	WS	TOU12	RESLOWR_EAST_IDR_WS_TOU12
RES	LOWR	EAST	IDR	WS	TOU13	RESLOWR_EAST_IDR_WS_TOU13
RES	LOWR	EAST	NIDR	NWS	NOTOU	RESLOWR_EAST_NIDR_NWS_NOTOU
RES	LOWR	EAST	NIDR	NWS	TOU01	RESLOWR_EAST_NIDR_NWS_TOU01
RES	LOWR	EAST	NIDR	NWS	TOU02	RESLOWR_EAST_NIDR_NWS_TOU02
RES	LOWR	EAST	NIDR	NWS	TOU11	RESLOWR_EAST_NIDR_NWS_TOU11
RES	LOWR	EAST	NIDR	NWS	TOU12	RESLOWR_EAST_NIDR_NWS_TOU12
RES	LOWR	EAST	NIDR	NWS	TOU13	RESLOWR_EAST_NIDR_NWS_TOU13
RES	LOWR	FWEST	IDR	WS	NOTOU	RESLOWR_FWEST_IDR_WS_NOTOU
RES	LOWR	FWEST	IDR	WS	TOU01	RESLOWR_FWEST_IDR_WS_TOU01
RES	LOWR	FWEST	IDR	WS	TOU02	RESLOWR_FWEST_IDR_WS_TOU02
RES	LOWR	FWEST	IDR	WS	TOU11	RESLOWR_FWEST_IDR_WS_TOU11
RES	LOWR	FWEST	IDR	WS	TOU12	RESLOWR_FWEST_IDR_WS_TOU12
RES	LOWR	FWEST	IDR	WS	TOU13	RESLOWR_FWEST_IDR_WS_TOU13
RES	LOWR	FWEST	NIDR	NWS	NOTOU	RESLOWR_FWEST_NIDR_NWS_NOTOU
RES	LOWR	FWEST	NIDR	NWS	TOU01	RESLOWR_FWEST_NIDR_NWS_TOU01
RES	LOWR	FWEST	NIDR	NWS	TOU02	RESLOWR_FWEST_NIDR_NWS_TOU02
RES	LOWR	FWEST	NIDR	NWS	TOU11	RESLOWR_FWEST_NIDR_NWS_TOU11
RES	LOWR	FWEST	NIDR	NWS	TOU12	RESLOWR_FWEST_NIDR_NWS_TOU12
RES	LOWR	FWEST	NIDR	NWS	TOU13	RESLOWR_FWEST_NIDR_NWS_TOU13
RES	LOWR	NCENT	IDR	WS	NOTOU	RESLOWR_NCENT_IDR_WS_NOTOU
RES	LOWR	NCENT	IDR	WS	TOU01	RESLOWR_NCENT_IDR_WS_TOU01
RES	LOWR	NCENT	IDR	WS	TOU02	RESLOWR_NCENT_IDR_WS_TOU02
RES	LOWR	NCENT	IDR	WS	TOU11	RESLOWR_NCENT_IDR_WS_TOU11
RES	LOWR	NCENT	IDR	WS	TOU12	RESLOWR_NCENT_IDR_WS_TOU12
RES	LOWR	NCENT	IDR	WS	TOU13	RESLOWR_NCENT_IDR_WS_TOU13
RES	LOWR	NCENT	NIDR	NWS	NOTOU	RESLOWR_NCENT_NIDR_NWS_NOTOU
RES	LOWR	NCENT	NIDR	NWS	TOU01	RESLOWR_NCENT_NIDR_NWS_TOU01
RES	LOWR	NCENT	NIDR	NWS	TOU02	RESLOWR_NCENT_NIDR_NWS_TOU02
RES	LOWR	NCENT	NIDR	NWS	TOU11	RESLOWR_NCENT_NIDR_NWS_TOU11
RES	LOWR	NCENT	NIDR	NWS	TOU12	RESLOWR_NCENT_NIDR_NWS_TOU12
RES	LOWR	NCENT	NIDR	NWS	TOU13	RESLOWR_NCENT_NIDR_NWS_TOU13
RES	LOWR	NORTH	IDR	WS	NOTOU	RESLOWR_NORTH_IDR_WS_NOTOU
RES	LOWR	NORTH	IDR	WS	TOU01	RESLOWR_NORTH_IDR_WS_TOU01
RES	LOWR	NORTH	IDR	WS	TOU02	RESLOWR_NORTH_IDR_WS_TOU02
RES	LOWR	NORTH	IDR	WS	TOU11	RESLOWR_NORTH_IDR_WS_TOU11
RES	LOWR	NORTH	IDR	WS	TOU12	RESLOWR_NORTH_IDR_WS_TOU12
RES	LOWR	NORTH	IDR	WS	TOU13	RESLOWR_NORTH_IDR_WS_TOU13
RES	LOWR	NORTH	NIDR	NWS	NOTOU	RESLOWR_NORTH_NIDR_NWS_NOTOU
RES	LOWR	NORTH	NIDR	NWS	TOU01	RESLOWR_NORTH_NIDR_NWS_TOU01
RES	LOWR	NORTH	NIDR	NWS	TOU02	RESLOWR_NORTH_NIDR_NWS_TOU02
RES	LOWR	NORTH	NIDR	NWS	TOU11	RESLOWR_NORTH_NIDR_NWS_TOU11
RES	LOWR	NORTH	NIDR	NWS	TOU12	RESLOWR_NORTH_NIDR_NWS_TOU12
RES	LOWR	NORTH	NIDR	NWS	TOU13	RESLOWR_NORTH_NIDR_NWS_TOU13
RES	LOWR	SCENT	IDR	WS	NOTOU	RESLOWR_SCENT_IDR_WS_NOTOU
RES	LOWR	SCENT	IDR	WS	TOU01	RESLOWR_SCENT_IDR_WS_TOU01
RES	LOWR	SCENT	IDR	WS	TOU02	RESLOWR_SCENT_IDR_WS_TOU02
RES	LOWR	SCENT	IDR	WS	TOU13	RESLOWR_SCENT_IDR_WS_TOU13

Profile Group Code	Profile Segment Code	Weather Zone Code	Meter Data Type Code	Weather Sensitivity Code	TOU Schedule Code	Valid Profile ID
RES	LOWR	SCENT	NIDR	NWS	NOTOU	RESLOWR_SCENT_NIDR_NWS_NOTOU
RES	LOWR	SCENT	NIDR	NWS	TOU01	RESLOWR_SCENT_NIDR_NWS_TOU01
RES	LOWR	SCENT	NIDR	NWS	TOU02	RESLOWR_SCENT_NIDR_NWS_TOU02
RES	LOWR	SCENT	NIDR	NWS	TOU13	RESLOWR_SCENT_NIDR_NWS_TOU13
RES	LOWR	SOUTH	IDR	WS	NOTOU	RESLOWR_SOUTH_IDR_WS_NOTOU
RES	LOWR	SOUTH	NIDR	NWS	NOTOU	RESLOWR_SOUTH_NIDR_NWS_NOTOU
RES	LOWR	WEST	IDR	WS	NOTOU	RESLOWR_WEST_IDR_WS_NOTOU
RES	LOWR	WEST	IDR	WS	TOU01	RESLOWR_WEST_IDR_WS_TOU01
RES	LOWR	WEST	IDR	WS	TOU02	RESLOWR_WEST_IDR_WS_TOU02
RES	LOWR	WEST	IDR	WS	TOU13	RESLOWR_WEST_IDR_WS_TOU13
RES	LOWR	WEST	NIDR	NWS	NOTOU	RESLOWR_WEST_NIDR_NWS_NOTOU
RES	LOWR	WEST	NIDR	NWS	TOU01	RESLOWR_WEST_NIDR_NWS_TOU01
RES	LOWR	WEST	NIDR	NWS	TOU02	RESLOWR_WEST_NIDR_NWS_TOU02
RES	LOWR	WEST	NIDR	NWS	TOU13	RESLOWR_WEST_NIDR_NWS_TOU13

Assignment of Profile IDs to Non-ERCOT ESI IDs

TDSPs within Texas are required to assign ESI IDs for all service delivery points (SDPs)--not just those SDPs within the ERCOT Region. Additionally, a populated Profile ID field must also be submitted, though the non-ERCOT Profile ID will not be used in settlement. To help make sure that these non-ERCOT Profile IDs are not confused with the Profile IDs for ESI IDs within the ERCOT Region, it is necessary to give them names different than those for ESI IDs within ERCOT.

Below is a list of 'valid' Profile IDs to be assigned to ESI IDs within Texas, but outside of the ERCOT Region. TDSPs, in coordination with ERCOT, can develop a limited list of Profile IDs (no more than 30 characters) for non-ERCOT ESI IDs.

Valid Profile IDs for ESI IDs not in ERCOT Region
NONERCOT
ETR_BUSHILF_BMT
ETR_BUSIDR_BMT
ETR_BUSLOLF_BMT
ETR_BUSMEDLF_BMT
ETR_BUSNODEM_BMT
ETR_NMFLAT_BMT
ETR_NMLIGHT_BMT
ETR_RESHIWR_BMT
ETR_RESIDR_BMT
ETR_RESLOWR_BMT
ETR_UNASSIGNED
SBUSHILF_EAST_IDR_NWS_NOTOU
SBUSHILF_EAST_NIDR_NWS_NOTOU
SBUSHILF_NORTH_IDR_NWS_NOTOU
SBUSHILF_NORTH_NIDR_NWS_NOTOU
SBUSIDRRQ_AMARI_IDR_NWS_NOTOU
SBUSIDRRQ_EAST_IDR_NWS_NOTOU
SBUSIDRRQ_EAST_NIDR_NWS_NOTOU
SBUSIDRRQ_LUBBK_IDR_NWS_NOTOU
SBUSIDRRQ_NOERC_IDR_NWS_NOTOU
SBUSIDRRQ_NORTH_IDR_NWS_NOTOU

Valid Profile IDs for ESI IDs not in ERCOT Region
SBUSIDRRQ_NORTH_NIDR_NWS_NOTOU
SBUSIDRRQ_ROSWL_IDR_NWS_NOTOU
SBUSIDRRQ_SPSTX_NWS_NOTOU
SBUSIDRRQ_SPSTX_WS_NOTOU
SBUSLF0020_SPSTX_NWS_NOTOU
SBUSLF2040_SPSTX_NWS_NOTOU
SBUSLF4060_SPSTX_NWS_NOTOU
SBUSLF6080_SPSTX_NWS_NOTOU
SBUSLF80100_SPSTX_NWS_NOTOU
SBUSLOLF_EAST_IDR_NWS_NOTOU
SBUSLOLF_EAST_NIDR_NWS_NOTOU
SBUSLOLF_NORTH_IDR_NWS_NOTOU
SBUSLOLF_NORTH_NIDR_NWS_NOTOU
SBUSMEDLF_AMARI_IDR_NWS_NOTOU
SBUSMEDLF_AMARI_NIDR_NWS_NOTOU
SBUSMEDLF_EAST_IDR_NWS_NOTOU
SBUSMEDLF_EAST_NIDR_NWS_NOTOU
SBUSMEDLF_LUBBK_IDR_NWS_NOTOU
SBUSMEDLF_LUBBK_NIDR_NWS_NOTOU
SBUSMEDLF_NOERC_IDR_NWS_NOTOU
SBUSMEDLF_NOERC_NIDR_NWS_NOTOU
SBUSMEDLF_NORTH_IDR_NWS_NOTOU
SBUSMEDLF_NORTH_NIDR_NWS_NOTOU
SBUSMEDLF_ROSWL_IDR_NWS_NOTOU
SBUSMEDLF_ROSWL_NIDR_NWS_NOTOU
SBUSNODEM_AMARI_NIDR_NWS_NOTOU
SBUSNODEM_EAST_IDR_NWS_NOTOU
SBUSNODEM_EAST_NIDR_NWS_NOTOU
SBUSNODEM_LUBBK_NIDR_NWS_NOTOU
SBUSNODEM_NOERC_NIDR_NWS_NOTOU
SBUSNODEM_NORTH_IDR_NWS_NOTOU
SBUSNODEM_NORTH_NIDR_NWS_NOTOU
SBUSNODEM_ROSWL_NIDR_NWS_NOTOU
SBUSNODEM_SPSTX_NWS_NOTOU

Valid Profile IDs for ESI IDs not in ERCOT Region
SNMFLAT_EAST_IDR_NWS_NOTOU
SNMFLAT_EAST_NIDR_NWS_NOTOU
SNMFLAT_NORTH_IDR_NWS_NOTOU
SNMFLAT_NORTH_NIDR_NWS_NOTOU
SNMFLAT_SPSTX_NWS_NOTOU
SNMLIGHT_AMARI_NIDR_NWS_NOTOU
SNMLIGHT_EAST_IDR_NWS_NOTOU
SNMLIGHT_EAST_NIDR_NWS_NOTOU
SNMLIGHT_LUBBK_NIDR_NWS_NOTOU
SNMLIGHT_NOERC_NIDR_NWS_NOTOU
SNMLIGHT_NORTH_IDR_NWS_NOTOU
SNMLIGHT_NORTH_NIDR_NWS_NOTOU
SNMLIGHT_ROSWL_NIDR_NWS_NOTOU
SNMLIGHT_SPSTX_NWS_NOTOU
SRESHIWR_EAST_IDR_NWS_NOTOU
SRESHIWR_EAST_NIDR_NWS_NOTOU
SRESHIWR_NORTH_IDR_NWS_NOTOU
SRESHIWR_NORTH_NIDR_NWS_NOTOU
SRESHIWR_SPSTX_NWS_NOTOU
SRESLOWR_AMARI_NIDR_NWS_NOTOU
SRESLOWR_EAST_IDR_NWS_NOTOU
SRESLOWR_EAST_NIDR_NWS_NOTOU
SRESLOWR_LUBBK_NIDR_NWS_NOTOU
SRESLOWR_NOERC_NIDR_NWS_NOTOU
SRESLOWR_NORTH_IDR_NWS_NOTOU
SRESLOWR_NORTH_NIDR_NWS_NOTOU
SRESLOWR_ROSWL_NIDR_NWS_NOTOU
SRESLOWR_SPSTX_NWS_NOTOU
SWHLIDRRQ_EAST_IDR_NWS_NOTOU
SWHLIDRRQ_NORTH_IDR_NWS_NOTOU

Derivation of kW Values for TDSPs that Measure kVA at the ESI ID Level

The majority of TDSPs within ERCOT meter kW for Business ESI IDs above a specific demand level, typically from 10-20 kW. However, one or more TDSPs within ERCOT measure and record kVA demand at the ESI ID level, instead of kW demand. As kW values are needed to determine the Profile Segment for the BUS Profile Group, these TDSPs will have to derive kW values for the Load Factor calculations, per the conversion(s) listed below. However, when actual kW information is readily available for specific ESI IDs, then the actual kW values shall be used in determining the Profile Segment. TDSPs that measure and record kVA demand instead of kW demand at the ESI ID level and are not listed below should contact ERCOT to determine an appropriate conversion formula.

TDSP	Conversion
CenterPoint Energy	kVA x 0.900 = kW[1]

[1]Round to two decimal places, per the Rounding instructions on the Definitions tab.

Profile ID Assignment for Non-Opt In Entities

The Weather Zone Code is the only component for which a NOIE will have to make a determination in assigning the Profile ID. All other components of the Profile ID for NOIEs are default components.

For each NOIE ESI ID:

Step 1. Determine the ZIP Code of the official metering point and find it on the ZipToZone worksheet.
Step 2. Cross-reference the ZIP Code to the corresponding Weather Zone.
Step 3. Determine the valid Profile ID from those listed below.
Step 4. Assign the valid Profile ID on the NOIE Meter Point Registration Form.

Valid Profile IDs for NOIEs:

Valid Profile ID for a NOIE metering point in the Coast Weather Zone:	**BUSIDRRQ_COAST_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the East Weather Zone:	**BUSIDRRQ_EAST_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the Far West Weather Zone:	**BUSIDRRQ_FWEST_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the North Central Weather Zone:	**BUSIDRRQ_NCENT_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the North Weather Zone:	**BUSIDRRQ_NORTH_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the South Central Weather Zone:	**BUSIDRRQ_SCENT_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the South Weather Zone:	**BUSIDRRQ_SOUTH_IDR_NWS_NOTOU**
Valid Profile ID for a NOIE metering point in the West Weather Zone:	**BUSIDRRQ_WEST_IDR_NWS_NOTOU**

ERCOT Load Profiling Guide

Appendix E: Load Profile Model Spreadsheets

September 1, 2011

Appendix E

Load Profile Model Spreadsheets

See electronic Microsoft Office Excel© files on the ERCOT Website posted with the Load Profiling Guide.

These files are a representation of the Load Profile Models used in settlements.

ERCOT Load Profiling Guide

Appendix D: Profile Decision Tree

October 1, 2014

Appendix D

Profile Decision Tree

See electronic Microsoft Office Excel© file on the ERCOT Website posted with the Load Profiling Guide