

BUSINESS REQUIREMENTS
Draft – Proprietary and Confidential

ID	REQUIREMENT	BP	BUSINESS AREA IMPACT	PRTY
BR- 001	Ability for TDSPs to send an <u>ERCOT specified</u> <u>LoadStar Enhanced (LSE)</u> file format with settlement quality 15 minute usage data for ERCOT settlement	004 <u>004.01</u>	•	M1
BR- 001.01	Ability for the TDSP to send and ERCOT to receive a file size of X amount (1 or more ESIIDs per file with no less than a complete day's worth of 15 minute usage data for each ESIID included in the file, <u>including zero fills, if necessary in the event the power is off and there is nothing to read – cannot send null</u>)- <u>See TSK-132</u> <u>Note: Includes the ability to ensure that an ESIID's monthly usage will not be contained in multiple files.</u>	<u>004.01</u>	•	
BR- 001.02	Ability for the TDSP to send and ERCOT to receive the file using the NAESB protocol.	<u>004.01</u>	•	
BR- 001.03	Ability for the TDSP to receive a NAESB acknowledgement after files have been sent to ERCOT confirming receipt by ERCOT	<u>004.01</u>	•	
BR- 001.04	Ability for the TDSP to create an LSE file that includes one header record for each complete day for each ESIID in the file (this does not preclude including multiple days for an ESIID in the file as long as each complete day has a unique header record). <u>Note: this will eliminate many problems when data is resubmitted.</u>	<u>004.01</u>	•	
<u>BR- 001.05</u>	<u>Ability for ERCOT to perform a validation on the LSE file received from a TDSP to ensure that the LSE file can be attempted to be loaded into ERCOT systems</u> <u>Note: The validation is not at the transaction posting level. It is at the file level.</u>	<u>004.01a</u>	•	
<u>BR- 001.06</u>	<u>Ability for ERCOT to notify the TDSP if there is an instance that the LSE file cannot be read.</u> <u>Note: The notification is not at the transaction posting level. It is at the file level.</u>	<u>004.01a</u>	•	
<u>BR- 001.07</u>	<u>Ability for the TDSP to send to ERCOT load and generation KWH data values with 3 significant digits to the right of the decimal.</u>	<u>004.01</u>	•	
BR- 002	Ability for ERCOT to update an existing 15 minute interval data read with new data provided by the TDSP.	<u>004.01a</u>	•	
BR- 003	Ability for ERCOT to make available to REPs of Record, settlement quality 15 minute ESIID KWH usage information on a monthly basis through the use of ERCOT web services (within 3 days of this information being loaded into ERCOT Settlement	004 <u>004.08</u>	•	M1

Formatted: Font: 10 pt
Formatted Table

Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt

Formatted: Bullets and Numbering
Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Bullets and Numbering

Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Bullets and Numbering

Formatted: Bullets and Numbering

BUSINESS REQUIREMENTS
Draft – Proprietary and Confidential

ID	REQUIREMENT	BP	BUSINESS AREA IMPACT	PRTY
	system). <u>This usage information will include both legacy IDR and AMS meter data.</u> Note: <ul style="list-style-type: none"> This <u>data</u> supports shadow settlement for the REPs <u>This business requirement changes the current 727 extract by excluding all IDR usage data because if ERCOT does not exclude the IDR usage data but alternatively tries to differentiate between AMS and current IDR, it could add significant cost and time to deliver the solution</u> <u>Use of web services to deliver this information may drive process changes for the REPs</u> <u>This use of web services for this 15 minute settlement quality data will require high availability of ERCOT's web services API – requires an SLA.</u> 			
BR- 003.01	<u>Ability for REPS to receive via web services, from ERCOT, the 15 minute interval data for AMS meters for shadow settlement</u> Note: <ul style="list-style-type: none"> <u>Currently load and generation data (interval and non-interval) are available in SCR 727 extract and web services.</u> 	004.08	•	
BR- 003.02	<u>Ability to make one request to ERCOT to download the ESIID 15 minute interval data (load and generation) for all of the ESIIDs belonging to the requesting REP for a specific operating day via the web service functionality</u>	004.08	•	
BR- 004	Ability for the TDSPs to provide raw non-VEE 15 minute ESIID KWH <u>usage-load and generation</u> information daily for REPs on a day after basis through an FTP site. <u>See TSK-128.</u> Note: <ul style="list-style-type: none"> <u>The information in the FTP by ESIID will support the ability for REPs to identify which ESIIDs have AMS provisioned meters</u> <u>REPs will have access to their customer's AMS meter data within 30 days after the meters are provisioned.</u> 	001	•	
BR- 005	Ability for a TDSP to generate an 814_20 record to set the <u>default meter type -profile-code</u> to IDR <u>and the default Weather Sensitivity code to WS</u> when an AMS meter is provisioned.	004.04	•	
BR- 005.01	<u>Cancelled – Opt Out will not be an option.</u> Ability for a REP to select, by <u>DUNS or DUNS + 4</u> number, that they want to opt out of being settled on actual 15 minute data.	004.04	•	M1

Formatted: Font: 10 pt
Formatted Table

Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt
Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt
Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt
Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt

BUSINESS REQUIREMENTS
Draft – Proprietary and Confidential

ID	REQUIREMENT	BP	BUSINESS AREA IMPACT	PRTY
BR-005.02	Ability to identify which ESIIDs have AMS provisioned meters.		•	
BR- 005.03	Cancelled. Duplicate of BR-005. Ability for a TDSP to generate a profile change 814_20 record, when requested by a REP, when an AMS meter is provisioned, to change profile type.		•	
BR- 005.04	Cancelled. Opt Out is not an option, and data receipt is part of BR-001. Ability for ERCOT to receive 15 minute data for all provisioned AMS meters even if the REP has opted out.	004.01	•	
BR- 005.05	Cancelled. Opting In and Out will not be an option. Ability to allow a REP to change their selection for 15 minute data settlement no more than 1 time a year per DUNs or DUNs + 4 number(s) for all of their ESIIDs.		•	
BR- 005.06	Cancelled – Opt in and Opt out are not options. Ability to identify the out of sync conditions between the ESIIDs that are with REPs that have opted out and are being settled on AMS 15 minute data or vice versa. Note: Who will enforce the out of sync conditions between current profile type and what is requested by the REP with BR-005.01?	?	•	
BR- 006	Ability to settle residential ESIIDs on actual 15 minute data for those ESIIDs that have an AMS meter	004.04	•	M1
BR- 006.01	Ability to settle the residential class -ESIIDs with an AMS meter on a default 15 minute applicable profile (residential / business) profile when insufficient no historical data is available for the ESIID.	004.04	•	
BR- 006.02	Ability to exclude 867_03 from the ERCOT settlement process for ESIIDs which are included in the LSE file sent by the TDSP (non-interval 867_03). See TSK-133	004.04	•	
BR- 007	Ability for ERCOT to perform business validations pertaining to the loading of the 15 minute interval data at ERCOT (e.g., is the ESIID really owned by the TDSP who sent the LSE file, etc.). Note: Communication of business validations will be in the same report for successful and non-successful loading	004.01a	•	
BR- 007.01	Ability for ERCOT to generate a notification to the TDSP that data loaded successfully, in a report.	004.01a	•	
BR- 007.02	Ability for ERCOT to generate a notification to the TDSP that data did not load successfully, in a report: <ul style="list-style-type: none"> • ESIID does not exist • Sender is not the owner of the ESIID 	004.01a	•	

Formatted: Font: 10 pt
Formatted Table

Formatted: Bullets and Numbering

Formatted: Font: 10 pt, Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Bold

Formatted: Font: 10 pt

Formatted: Font: 10 pt, Not Bold

Formatted: Font: 10 pt

Formatted: Bullets and Numbering

BUSINESS REQUIREMENTS
Draft – Proprietary and Confidential

ID	REQUIREMENT	BP	BUSINESS AREA IMPACT	PRTY
	<ul style="list-style-type: none"> ERCOT is the Meter Reading Entity (MRE) Transaction start time occurs after or is equal to transaction stop time Incorrect interval status/Missing interval status Transaction must be for one complete day containing 96 intervals and 92 or 100 for DST days Data does not contain a whole day starting at 00:00:00 and ending at 23:59:59 Negative usage ESIID not setup to receive interval data <TDSP must submit an IDR meter type profile code change prior to sending interval data> The profile code meter type is not IDR. No more than 3 significant digits to the right of the decimal 			
BR- 007.03	<p>Ability for ERCOT to ensure that the most current effective date ESIID start time combination is loaded in ERCOT systems for the daily upload process.</p> <p>Note: If there are duplicate records with the same effective date, all will show as successfully loaded, in the TDSP report, but only one record will be physically loaded at ERCOT.</p>	004.01a	•	
BR- 008	<p>Ability for the TDSP to send and ERCOT to distinguish between generation data and load data in an LSE file</p>	004.01	•	
BR- 009	<p>Ability for a TDSP to identify which ESIIDs have gaps in the interval data loaded at ERCOT and what the gaps are.</p> <p>Potential Solutions for LSE provided data:</p> <ul style="list-style-type: none"> IDR data status report (currently available) - looks at all ESIIDs across all periods of time to identify the gaps in data loaded at ERCOT Activity report (currently available) - what happened when ERCOT tried to load data sent by the TDSP in the last 24 hours at the transaction level Missing Consumption Report (currently available) - reports what ESIIDs are missing data for sysdate - 38. Web Services (to be developed) - Tells us by operating day what accounts are missing data for every account across all periods of time, which 	004.08	•	

Formatted: Font: 10 pt
Formatted Table

Formatted: Font: 10 pt, Bold
Formatted: Font: 10 pt
Formatted: Font: 10 pt, Not Bold
Formatted: Font: 10 pt
Formatted: Font: 10 pt, Not Bold
Formatted: Font: 10 pt

Formatted: Bullets and Numbering

BUSINESS REQUIREMENTS
Draft – Proprietary and Confidential

ID	REQUIREMENT	BP	BUSI NESS AREA IMPA CT	PRTY
	<u>meters have missing data and for what period is the data missing</u>			

Formatted: Font: 10 pt
Formatted Table