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| PGRR Number | [053](http://www.ercot.com/mktrules/issues/PGRR053) | PGRR Title | Addition of Proposed All-Inclusive Generation Resources to the Planning Models |
| Date Posted | September 29, 2016 |
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| Requested Resolution  | Normal |
| Planning Guide Sections Requiring Revision  | 6.9, Addition of Proposed Generation Resources to the Planning Models8 Attachment B: Declaration of Adequate Water Supplies |
| Related Documents Requiring Revision/Related Revision Requests | None |
| Revision Description | This Planning Guide Revision Request (PGRR) modifies the conditions that need to be met prior to including proposed All-Inclusive Generation Resources in the planning models. This proposal includes limiting the initial data required for inclusion in the Steady State Working Group (SSWG) base cases to the data provided for the Full Interconnection Studies (FISs). ERCOT’s System Planning Monthly Status Reports consistently indicate a significant amount of proposed All-Inclusive Generation Resources meeting all existing inclusion conditions (Standard Generation Interconnection Agreement (SGIA), applicable permits, notice to proceed, and financial security) with the exception of providing sufficient data required as indicated in the Resource Registration Glossary. The exclusion of the proposed All-Inclusive Generation Resources from the Planning Models which have met all other inclusion conditions except for providing sufficient Resource Asset Registration Form (RARF) data has created a need to unnecessarily use extraordinary Dispatch conditions in the SSWG base cases. This PGRR will allow SSWG to utilize more representative generation Dispatch scenarios in their base cases. |
| Reason for Revision |  Addresses current operational issues. Meets Strategic goals (tied to the [ERCOT Strategic Plan](http://www.ercot.com/content/news/presentations/2013/ERCOT%20Strat%20Plan%20FINAL%20112213.pdf) or directed by the ERCOT Board). Market efficiencies or enhancements Administrative Regulatory requirements Other: (explain)*(please select all that apply)* |
| Business Case | * Clarifies requirements for adding proposed All-Inclusive Generation Resources to the planning models providing enhanced data transparency.
* Provides SSWG with greater flexibility in creating a reasonable generation Dispatch and reduces the need to resort to using extraordinary Dispatch conditions.
* Facilitates the modeling of generation in a faster timeframe and eliminates the possibility of not modeling proposed generation in the planning cases until just prior to or after actual energization.
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| Sponsor |
| Name | Charles DeWitt on behalf of the Planning Working Group (PLWG) |
| E-mail Address | cdewitt@lcra.org |
| Company | LCRA |
| Phone Number | 512-578-4199 |
| Cell Number | 512-434-9557 |
| Market Segment | Not Applicable |

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| **Market Rules Staff Contact** |
| **Name** | Brittney Albracht |
| **E-Mail Address** | Brittney.Albracht@ercot.com  |
| **Phone Number** | 512-225-7027 |

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| Proposed Guide Language Revision |

6.9 Addition of Proposed All-Inclusive Generation Resources to the Planning Models

(1) ERCOT will include a proposed All-Inclusive Generation Resource in the base cases created and maintained by the Steady State Working Group (SSWG) once each of the following has occurred:

(a) The Interconnecting Entity (IE) provides all data required in the Security Screening Study or the Full Interconnection Study (FIS), if available;

(b) ERCOT determines that the IE has received all necessary Texas Commission on Environmental Quality (TCEQ)-approved air permits or that no such permits are required;

(c) The IE submits a completed Declaration of Adequate Water Supplies (Section 8, Attachment B, Declaration of Adequate Water Supplies; generation types exempt from this requirement are cited in Attachment B); and

 (d) ERCOT receives one of the following:

(i) A signed Standard Generation Interconnection Agreement (SGIA) from the Transmission Service Provider (TSP) and a written notice from the TSP that the IE has provided:

(A) A notice to proceed with the construction of the interconnection; and

(B) The financial security required to fund the interconnection facilities; or

(ii) A public, financially binding agreement between the IE and the TSP under which the interconnection for the Generation Resource will be constructed along with:

(A) A written notice from the TSP that the IE has provided notice to proceed with the construction of the interconnection; and

(B) The required financial security; or

(iii) A letter from a duly authorized official from a Municipally Owned Utility (MOU) or Electric Cooperative (EC) confirming the Entity’s intent to construct and operate a proposed All-Inclusive Generation Resource and interconnect such Generation to its own transmission system.

(2) Upon meeting the requirements of paragraph (1) above, the IE shall provide the remaining required data within 60 days for modeling of the proposed All-Inclusive Generation Resource in the base cases created and maintained by the System Protection Working Group (SPWG) and the Dynamics Working Group (DWG) plus any remaining planning model data as specified in the Resource Registration Glossary, Planning Model column, using the applicable Resource Registration process.

(3) Once the IE has met these requirements, ERCOT will notify the SSWG, SPWG, and the DWG, and the proposed All-Inclusive Generation Resource will be included in the base cases created and maintained by these working groups.

**ERCOT Planning Guide**

**Section 8**

**Attachment B: Declaration of Adequate Water Supplies**

**TBD**

**Declaration of Adequate Water Supplies**

An Interconnecting Entity (IE) must submit this attestation form to notify ERCOT that water rights, contracts or groundwater supplies sufficient for generation of electricity have been obtained or that water supplies are not required for the generation of electricity at each proposed Generation Resource. Section 6.9, Addition of Proposed Generation Resources to the Planning Models, requires an IE to submit this form before ERCOT may include certain proposed Generation Resources in the base cases created and maintained by the Steady State Working Group (SSWG), the System Protection Working Group (SPWG), and the Dynamics Working Group (DWG). Any IE that proposes to interconnect a Generation Resource powered by wind, photovoltaic solar, or battery energy storage Resources does not need to submit this form. However, any IE proposing to interconnect any other type of Generation Resource must submit this form, even if the IE’s proposed Resource will not use water.

Each IE should submit this attestation for each unique Generation Resource Interconnection Request (GINR) within ten Business Days of securing the relevant water supply rights, or, for Generation Resources that do not require water supplies to operate, within ten Business Days of executing the Interconnection Agreement with the TSP. The attestation should be signed by an officer or other individual with authority to bind the IE. The IE should submit the attestation and the necessary attachments to ERCOT via email at GINR@ercot.com.

**ATTESTATION**

**Name of Interconnecting Entity:**

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**Name and GINR Number of Project:**

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By signing below, I certify that I am knowledgeable about the above-named project, and hereby represent as follows (check one of the following):

[ ]  No water rights, contracts or groundwater supplies are needed for the above-named proposed Generation Resource to generate electricity.

[ ]  The IE, the owner of the proposed Generation Resource, or another similarly situated party has secured water rights, contracts or groundwater supplies sufficient for the generation of electricity at the above-named proposed Generation Resource. A copy of the relevant contract(s), permit(s) and/or groundwater adequacy studies is attached to this declaration. The right(s) or contract(s) allows the Generation Resource owner or operator access to water according to the following terms (describe basic terms, including quantity, duration, and conditions of access):

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Signature

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Title

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