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| PGRR Number |  | PGRR Title |  |
| Date Posted | |  | |
|  | |  | |
| Requested Resolution | | Normal or Urgent, and justification for Urgent status | |
| Planning Guide Sections Requiring Revision | | Include Section No. and Title | |
| Related Documents Requiring Revision/Related Revision Requests | | Include title of document to be revised (i.e. Nodal Protocols, Telemetry Standards, etc.) or related Revision Request number and title. | |
| Revision Description | | Describe the basic function of the Revision Request. | |
| 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 | | Describe qualitative benefits (Examples: satisfies regulatory requirements, data transparency enhancement, etc.), quantitative benefits (benefit calculations), impacts to market segments and other information relating to the impacts or benefits of the PGRR.  A number of recent Facility Interconnect Studies (FIS) have identified stability limits associated with generating levels below the full capacity of the newly interconnecting generating unit(s). During the commissioning process for these units, the Interconnecting Entity provided updates to the model data used in the FIS having the potential to impact the results of the stability limit identified in the FIS. In these instances, ERCOT established a Generic Transmission Constraint (GTC) in order to ensure that the new unit could be brought on-line with the expectation of being able to reliably operate the system. However, these GTCs had to be established based on the FIS without consideration given to the new model data obtained from the Interconnecting Entity because of time constraints.  In addition, there is the potential for transmission system changes, that were not reflected in the FIS, to be implemented between completion of the FIS and the date when an Interconnecting Entity first seeks to connect to the transmission system.  This PGRR seeks to establish a timeline for performing stability studies after the FIS has been complete and model data or transmission system changes, not known during the FIS, become available prior to a new unit is being brought on-line in order to ensure that appropriate operating limits are established. | |

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| **Market Rules Staff Contact** | |
| **Name** |  |
| **E-Mail Address** |  |
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| Proposed Guide Language Revision |

5.9 Triannual Stability Assessment

(1) ERCOT shall conduct a stability assessment every 4 months to assess the impact of planned new All-Inclusive Generation Resources connecting to the ERCOT System. The assessment shall derive the conditions to be studied with consideration given to the results of the Full Interconnection Study (FIS) stability studies for the All-Inclusive Generation Resources with planned Initial Synchronization in the period under study. ERCOT may study conditions other than those identified in the FIS stability studies. All-Inclusive Generation Resources that are not included in the assessment as described in this Section 5.9 Triannual Stability Assessment as result of the Interconnecting Entity failing to meet the prerequisites by the deadlines as listed in the table below will not be eligible for Initial Synchronization during that four month period. The timeline for the triannual stability assessment shall be in accordance with the following table.

|  |  |  |
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| **All-Inclusive** **Generation Resource Initial Synchronization Date – During the Four Month Period** | **Last Day for an Interconnecting Entity to meet prerequisites as listed in Section 5.9 (2)** | **Completion of Triannual Stability Assessment** |
| Upcoming January, Februrary, March, April | Prior July 1 | End of October |
| Upcoming May, June, July, August | Prior November 1 | End of February |
| Upcoming September, October, November, December | Prior March 1 | End of June |

If the last day for an Interconnecting Entity to meet prerequisites or if completion of the triannual stability assessment as shown in the above table falls on a weekend or holiday, the deadline will extend to the next Business Day.

(2) Prerequisites to be satisfied prior to the planned new All-Inclusive Generation Resource being included in the triannual stability assessment:

(a) The Interconnecting Entity has provided all All-Inclusive Generation Resource data in accordance with the Resource Registration Glossary, Planning Model column, including but not limited to steady state, system protection and stability models. The All-Inclusive Generation Resource has met the requirements of Planning Guide 6.9, Addition of Proposed All-Inclusive Generation Resources to the Planning Models.

(b) The All-Inclusive Generation Resource has met the requirements of Planning Guide 6.9, Addition of Proposed All-Inclusive Generation Resources to the Planning Models.

(c) The following elements must be complete:

i. FIS Studies;

ii. SSO studies, if required;

iii. Reactive Power Study; and

iv. System improvements or mitigation plans that were identified in these studies as required prior to syncronizing a new All-Inclusive Generation Resource in order to meettomeet the operational standards established in the Protocols, Planning Guide, Nodal Operating Guides, and Other Binding Documents.

(d) All studies identified in this Section 5.9 (2) are consistent with All-Inclusive Generation Resource data submitted by the Interconnecting Entity as required by Planning Guide Section 6.9 Addition of Proposed All-Inclusive Generation Resources to the Planning Models.

(3) ERCOT shall post to the MIS Secure Area a report summarizing the results of the triannual stability assessment within ten Business Days of completion.