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| PGRR Number | [052](http://www.ercot.com/mktrules/issues/PGRR052) | PGRR Title | Stability Assessment for Interconnecting Generation |
| Impact Analysis Date | | January 4, 2017 | |
| Estimated Cost/Budgetary Impact | | Between $20k and $30k  Annual Recurring Operations and Maintenance (O&M) Budget Cost: $130k – $140k  (See ERCOT Staffing Impacts) | |
| Estimated Time Requirements | | The timeline for implementing this Planning Guide Revision Request (PGRR) is dependent upon ERCOT Board prioritization and approval. Please see the Project Priority List ([PPL](http://www.ercot.com/services/projects)) for additional information.  Estimated project duration: 3 to 6 months | |
| ERCOT Staffing Impacts (across all areas) | | There will be ongoing operational impacts across the following ERCOT departments totaling 1.45 Full-Time Employees (FTEs) to support this PGRR:   * Operations Support (0.25 FTE Effort) * Transmission Planning (1.2 FTE Effort)   ERCOT has assessed its ability to absorb the ongoing efforts of this PGRR with current staff and concluded the need for one additional FTE:   * Operations Support - department is able to absorb the effort and will not require additional staff. * Transmission Planning -  department requires one additional FTE to support the effort which includes four stability assessments annually:   + 160 hours for dynamic model update and case preparation times four studies annually = 640 hours   + 320 hours for stability assessment times (including GTC development and update if needed) four studies annually = 1280 hours   + 80 hours for report preparation and posting times four studies annually = 320 hours | |
| ERCOT Computer System Impacts | | The following ERCOT systems would be impacted:   * Generation Interconnection of Change Request (GINR) * Market Information System (MIS) | |
| ERCOT Business Function Impacts | | No impacts to ERCOT business functions. | |
| Grid Operations & Practices Impacts | | ERCOT will update grid operations and practices to implement this PGRR. | |

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| Alternatives for a More Efficient Implementation *(include explanation of impacts)* |
| None offered. |

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| Evaluation of Interim Solutions *(e.g., manual workarounds)* |
| None offered. |

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| Feasibility of Implementation |
| **Impact on Resource Availability:**  Not applicable.  **Impact on Other Projects:**  Not applicable. |

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| Comments |
| None. |