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| NOGRR Number | [245](https://www.ercot.com/mktrules/issues/NOGRR245) | NOGRR Title | Inverter-Based Resource (IBR) Ride-Through Requirements |
| Impact Analysis Date | | January 11, 2023 | |
| Estimated Cost/Budgetary Impact | | Less than $10k, which will be absorbed by the Operations & Maintenance (O&M) budgets of affected department.  Annual Recurring Operations and Maintenance (O&M) Budget Cost: Between $480k and $570k  See ERCOT Staffing Impacts | |
| Estimated Time Requirements | | No project required. This Nodal Operating Guide Revision Request (NOGRR) can take effect following Public Utility Commission of Texas (PUCT) approval. | |
| ERCOT Staffing Impacts (across all areas) | | Implementation Labor: 100% ERCOT; 0% Vendor  There will be ongoing operational impacts to the following ERCOT departments totaling 3.1 Full-Time Employees (FTEs) to support this NOGRR:  • Dynamic Studies (2.1 FTEs Effort)  • Resource Integration (1.0 FTE Effort)  ERCOT has assessed its ability to absorb the ongoing efforts of this NOGRR with current staff and concluded the need for two additional FTEs in the Planning department and one additional FTE in the Resource Integration department.  • Dynamic Studies - department requires two additional FTEs to support the majority of the work:  \* 4,000 hours for review, tracking, coordination & communication.  • Resource Integration - department requires one additional FTE to support the INR process efforts:  \* 1,800 hours per INR to check and collect data = 3 hours per INR for 600 INRs per year. | |
| ERCOT Computer System Impacts | | The following ERCOT systems would be impacted:   * Service Management Systems | |
| ERCOT Business Function Impacts | | ERCOT will update its business processes to implement this NOGRR. | |
| Grid Operations & Practices Impacts | | No impacts to ERCOT grid operations and practices. | |

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| Evaluation of Interim Solutions or Alternatives for a More Efficient Implementation |
| None offered. |

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| Comments |
| None. |