|  |  |  |  |
| --- | --- | --- | --- |
| NPRR Number | [1096](http://www.ercot.com/mktrules/issues/NPRR1096) | NPRR Title | Require Sustained Two-Hour Capability for ECRS and Four-Hour Capability for Non-Spin |
| Impact Analysis Date | | February 28, 2022 | |
| Estimated Cost/Budgetary Impact | | Between $30k and $50k | |
| Estimated Time Requirements | | The timeline for implementing this Nodal Protocol Revision Request (NPRR) is dependent upon Public Utility Commission of Texas (PUCT) prioritization and approval.  Estimated project duration: 3 to 5 months | |
| ERCOT Staffing Impacts (across all areas) | | Implementation Labor: 100% ERCOT; 0% Vendor  Ongoing Requirements: No impacts to ERCOT staffing. | |
| ERCOT Computer System Impacts | | The following ERCOT systems would be impacted:   * Grid Modeling Systems 65% * Energy Management Systems 20% * Grid Decision Support Systems 14% | |
| ERCOT Business Function Impacts | | ERCOT will update its business processes to implement this NPRR. | |
| Grid Operations & Practices Impacts | | ERCOT will update grid operations and practices to implement this NPRR. | |

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

|  |
| --- |
| Comments |
| None. |