|  |  |  |  |
| --- | --- | --- | --- |
| NPRR Number | [1093](http://www.ercot.com/mktrules/issues/NPRR1093) | NPRR Title | Load Resource Participation in Non-Spinning Reserve |
| Impact Analysis Date | | September 28, 2021 | |
| Estimated Cost/Budgetary Impact | | Between $450k and $650k  See Comments | |
| 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: 10 to 14 months | |
| ERCOT Staffing Impacts (across all areas) | | Implementation Labor: 71% ERCOT; 29% Vendor  Ongoing Requirements: No impacts to ERCOT staffing. | |
| ERCOT Computer System Impacts | | The following ERCOT systems would be impacted:   * Market Operation Systems 68% * Data Management & Analytic Systems 17% * Energy Management Systems 6% * Credit, Settlements & Billing Systems 6% * Grid Decision Support Systems 1% * ERCOT Website and MIS System 1% * Content Delivery Systems 1% * Integration Systems 1% | |
| ERCOT Business Function Impacts | | No impacts to ERCOT business functions. | |
| 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 |
| To ensure additional capacity from Load Resources providing Non-Spinning Reserve (Non-Spin) is available to ERCOT Operators in summer 2022, ERCOT may have to implement this NPRR in phases. |