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| NPRR Number | [1093](http://www.ercot.com/mktrules/issues/NPRR1093) | NPRR Title | Load Resource Participation in Non-Spinning Reserve |
| Impact Analysis Date | | September 1, 2021 | |
| Estimated Cost/Budgetary Impact | | Between $300k and $500k  See Evaluation of Interim Solutions or Alternatives for a More Efficient Implementation | |
| 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. Please see the Project Priority List ([PPL](http://www.ercot.com/services/projects)) for additional information.  Estimated project duration: 8 to 12 months | |
| ERCOT Staffing Impacts (across all areas) | | Implementation Labor: 86% ERCOT; 14% Vendor  Ongoing Requirements: No impacts to ERCOT staffing. | |
| ERCOT Computer System Impacts | | The following ERCOT systems would be impacted:   * Market Operation Systems 46% * Data Management & Analytic Systems 25% * Credit, Settlements & Billing Systems 12% * Energy Management Systems 12% * Grid Decision Support Systems 2% * 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. | |

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| Evaluation of Interim Solutions or Alternatives for a More Efficient Implementation |
| ERCOT will be looking into the feasibility of interim alternatives that would allow for Load Resources that are not Controllable Load Resource to participate in Non-Spinning Reserve (Non-Spin) in advance of the final completion of the project to deliver this NPRR. |

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| Comments |
| None. |