|  |  |  |  |
| --- | --- | --- | --- |
| NPRR Number | 1110 | NPRR Title | Black Start Requirements Update |
| Impact Analysis Date | | November 22, 2021 | |
| Estimated Cost/Budgetary Impact | | None. | |
| Estimated Time Requirements | | No project required. This Nodal Protocol Revision Request (NPRR) can take effect upon Public Utility Commission of Texas (PUCT) approval. | |
| ERCOT Staffing Impacts (across all areas) | | Ongoing Requirements: No impacts to ERCOT staffing. | |
| ERCOT Computer System Impacts | | No impacts to ERCOT computer systems. | |
| ERCOT Business Function Impacts | | No impacts to ERCOT business functions. | |
| Grid Operations & Practices Impacts | | No impacts to ERCOT grid operations and practices. | |

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

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