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| NPRR Number | [1186](https://www.ercot.com/mktrules/issues/NPRR1186) | NPRR Title | Improvements Prior to the RTC+B Project for Better ESR State of Charge Awareness, Accounting, and Monitoring  |
| Impact Analysis Date | June 22, 2023 |
| Estimated Cost/Budgetary Impact | Between $500k and $700k |
| 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: 7 to 10 months |
| ERCOT Staffing Impacts (across all areas) | Implementation Labor: 75% ERCOT; 25% VendorOngoing Requirements: No impacts to ERCOT staffing. |
| ERCOT Computer System Impacts | The following ERCOT systems would be impacted:* Market Operation Systems 64%
* Data Management & Analytic Systems 17%
* Energy Management Systems 15%
* Integration Systems 2%
* Grid Modeling Systems 1%
* Grid Decision Support Systems 1%
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| ERCOT Business Function Impacts | ERCOT will update its business processes to implement this NPRR. |
| 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. |