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| NPRR Number | [1204](https://www.ercot.com/mktrules/issues/NPRR1204) | NPRR Title | Considerations of State of Charge with Real-Time Co-Optimization Implementation |
| Impact Analysis Date | October 10, 2023 |
| Estimated Cost/Budgetary Impact | Between $750K and $1M |
| Estimated Time Requirements | No project required. This Nodal Protocol Revision Request (NPRR) can take effect upon implementation of PR447, Real-Time Co-Optimization (RTC). See Comments. |
| ERCOT Staffing Impacts (across all areas) | Implementation Labor: 23% ERCOT; 77% VendorOngoing Requirements: No impacts to ERCOT staffing. |
| ERCOT Computer System Impacts | The following ERCOT systems would be impacted:* Market Operation Systems 96%
* Energy Management Systems 4%
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| ERCOT Business Function Impacts | No impacts to ERCOT business functions. |
| 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 |
| The budgetary and system impacts reflected above are captured in PR447, Real-Time Co-optimization. |