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| OBDRR Number | [020](http://www.ercot.com/mktrules/issues/obdrr020) | OBDRR Title | RTC - Methodology for Setting Maximum Shadow Prices for Network and Power Balance Constraints |
| Impact Analysis Date | March 25, 2020 |
| Estimated Cost/Budgetary Impact | See Impact Analysis for Nodal Protocol Revision Request (NPRR) 1007, RTC - NP 3: Management Activities for the ERCOT System |
| Estimated Time Requirements | See Impact Analysis for NPRR1007 |
| ERCOT Staffing Impacts (across all areas) | See Impact Analysis for NPRR1007 |
| ERCOT Computer System Impacts | See Impact Analysis for NPRR1007 |
| ERCOT Business Function Impacts | See Impact Analysis for NPRR1007 |
| Grid Operations & Practices Impacts | See Impact Analysis for NPRR1007 |

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

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| Comments |
| The Impact Analysis for Real-Time Co-Optimization (RTC) was estimated based on the RTC Key Principles approved by the Technical Advisory Committee (TAC).  These Key Principles were used to draft Nodal Protocol Revision Requests (NPRRs) 1007-1013, Nodal Operating Guide Revision Request (NOGRR) 211, and Other Binding Document Revision Request (OBDRR) 020.  The Impact Analysis for NPRR1007 provides the estimate for all of the RTC Revision Requests which are expected to be delivered as a single project. |