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| NPRR Number | [1057](http://www.ercot.com/mktrules/issues/nprr1057) | NPRR Title | Modification to Real-Time Hub Price Formulas for Fully De-Energized Hubs |
| Impact Analysis Date | March 31, 2021 |
| Estimated Cost/Budgetary Impact | Between $15k and $30kAdditional Cost to Implement in Passport: None |
| Estimated Time Requirements | The timeline for implementing this Nodal Protocol Revision Request (NPRR) is dependent upon ERCOT Board prioritization and approval. Please see the Project Priority List ([PPL](http://www.ercot.com/services/projects)) for additional information. Estimated project duration: 3 to 5 months in current systemsPassport Schedule Risk Assessment: Potential Risk to Schedule (See comments) |
| ERCOT Staffing Impacts (across all areas) | Implementation Labor: 100% ERCOT; 0% VendorOngoing Requirements: No impacts to ERCOT staffing. |
| ERCOT Computer System Impacts | The following ERCOT systems would be impacted:* Market Management Systems (MMS) 100%
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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 |
| This Revised Impact Analysis for NPRR1057 reflects impacts to Passport. Due to the relatively low cost of this NPRR, ERCOT expects to try to work it into the project plan prior to the ramp-up of MMS development activities in Passport, while also considering other priority initiatives. If that cannot be done without adversely impacting the Passport schedule or other priority initiatives, this NPRR will be deferred until after Passport go-live.There is no change to the cost and duration estimate for NPRR1057. |