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| NPRR Number | [999](http://www.ercot.com/mktrules/issues/NPRR999) | NPRR Title | DC Tie Ramp Limitations |
| Impact Analysis Date | February 20, 2020 |
| Estimated Cost/Budgetary Impact | Less than $5k, which will be absorbed by the Operations & Maintenance (O&M) budgets of affected department.See Comments.  |
| Estimated Time Requirements | No project required. This Nodal Protocol Revision Request (NPRR) can take effect upon ERCOT Board 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 | ERCOT will update grid operations and practices to implement this NPRR. |

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

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| Comments |
| This NPRR will require a desk procedure update and operator training. |