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On Demand.

# Economic Dispatch of Linked Wheels - MR-00338

Inter-Jurisdictional Trading Standing Committee  
3 June 2008



- Design Elements
- Potential Design Issues
- Moving Forward

## Single transaction offer

- Source and sink
- NERC tag
- Price-quantity pairs

- Evaluated as single transaction in PD constrained and unconstrained sequences
- Quantity 'X' scheduled if:
  - LW offer price for Qty 'X'  $\geq$  [sink PD intertie zone price *minus* source PD intertie zone price]
  - Tie line limits not binding
- PD constrained schedule quantities to checkout
- Potential Design Issue(s)
  - PD constrained and unconstrained information carried forward to RT

- PD constrained schedule quantities carried forward to RT (assuming successful checkout)
- Potential Design Issue(s)
  - How is linked wheel included in RT schedule?
  - Still exposed to RT congestion risk?
  - Impact on other intertie transactions?

- Energy
  - Payment = RT unconstrained schedule sink intertie zone price *minus* RT unconstrained schedule source intertie zone price
- No change for other market charges and payments
- Potential design issue(s)
  - Scheduling on basis of constrained world, settled on basis of unconstrained world, with no recourse to CMSC?

- Solicit IJT feedback on design elements and potential design issues
  - Is the design of economic dispatch of linked wheel transactions related to “locational prices for intertie transactions” initiative of MPWG?
- Based on feedback, go to July Technical Panel meeting with
  - Design Proposal
  - Schedule
  - Market rule amendment requirements
- Use IJT as stakeholder subject matter experts during design and market rule amendment processes