

# Issues with HVDC as Capacity

HVDCSTF

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IMM



Monitoring Analytics

# The Definition of Capacity

- **Identifiable individual physical generating units; identifiable demand resources**
- **Individual generating unit deliverability**
- **Individual generating unit outage data**
- **Energy is recallable from individual generating units**
- **Day-ahead energy market must offer requirement by individual generating unit**
  - **Cost-based offers required with fuel cost policy**
- **An HVDC converter station is not a generating unit**

# Capacity Market Rules for External Units

- **Identifiable individual physical units**
- **Deliverable; firm transmission**
- **Outage data**
- **Recallable**
- **Electrical distance standard**
- **Dispatch control between MISO and PJM when conflicting**
- **Dispatch control in an emergency when conflicting**
- **Market to market flowgate test**
- **Not tagged**



# Capacity Should Not Be Redefined

- **Rules should not be modified to make HVDC converters capacity resources.**
- **External generation resources can participate directly in PJM capacity markets under existing pseudo tie rules.**



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