



 **SPP**

**SPP Proposed
Revisions to
MISO-SPP CMP**

**Joint MWG, ORWG,
RTWG Meeting
Little Rock, AR
October 25, 2004**

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Agenda

- ❖ **Review Recent Activity**
- ❖ **Review Proposed Changes to CMP**
- ❖ **Address Any Outstanding Issues with JOA**
- ❖ **Consider Impacts on SPP's EIB**
- ❖ **Discuss Next Steps**
- ❖ **Other Items**

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Recent Activity

- ❖ **SPP and MISO distributed first draft of JOA and CMP to stakeholders on June 4, 2004**
- ❖ **SPP and MISO held joint stakeholder workshop on June 30**
- ❖ **SPP held follow-up stakeholder meetings on July 14 and August 18**

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Recent Activity

- ❖ In August 2, 2004 filing, SPP filed unexecuted version of JOA excluding CMP components
- ❖ In response, MISO filed their version of JOA including the components that SPP excluded
- ❖ In October 1 Order, FERC accepted SPP version as interim solution but directed SPP to file by December 1 either a revised JOA executed by both parties that addresses market to non-market issues or MISO's version

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Recent Activity

- ❖ Concern voiced in August 18 stakeholder meeting focused on the forward allocation of flowgate capacity component of CMP
- ❖ On September 23, Staff sent CMP revisions believed to address this concern to stakeholders and MISO
- ❖ Since then, SPP has been discussing changes with MISO, MAPP, and PJM
- ❖ SPP met with MISO and MAPP on October 21 to discuss further

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Stakeholder Comments from August 18 Meeting

- ❖ **Retain Market Flow calculations**
- ❖ **Remove forward allocation**
- ❖ **Coordinate AFC much like today**



Congestion Management Process and SPP's Proposed Changes





Market Flow

- ❖ No major changes
- ❖ Represents the impact on a flowgate of the market generation serving all load in market footprint
- ❖ Assigned one of three priorities
 - ◆ Firm
 - ◆ NN-6
 - ◆ NH-2 (for Reciprocal Coordinated Flowgates only)
- ❖ MBOE sends to IDC for current/next hour

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Firm Flow

- ❖ Market Entity
 - ◆ Impacts of FTRs
 - ◆ NNL, PtP, DNR impacts for grandfathered load carved out of market
- ❖ Non-market Entity
 - ◆ Impacts of NNL, PtP, DNR

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Coordinating AFC Beyond Day Ahead

- ❖ **Flowgate owner calculates AFC and shares AFC information with other Party - much like today**
- ❖ **In calculating AFC, recognize Firm Flow impacts of Market and Non-Market**
- ❖ **If AFC exists, additional FTRs and PtPs/DNRs may be granted on first come, first served basis**



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Day Ahead Coordination

- ❖ **First calculate 24 hourly AFC allocations for next day for market and non-market**
 - ◆ **AFC=TFC-Firm Flows-TRM-CBM**
 - ◆ **Party's Day-Ahead Ratio = Party's Firm Flows/Total Firm Flows**
 - ◆ **If AFC remains on flowgate after reducing for Firm Flows, allocate based on Day-Ahead Ratio**



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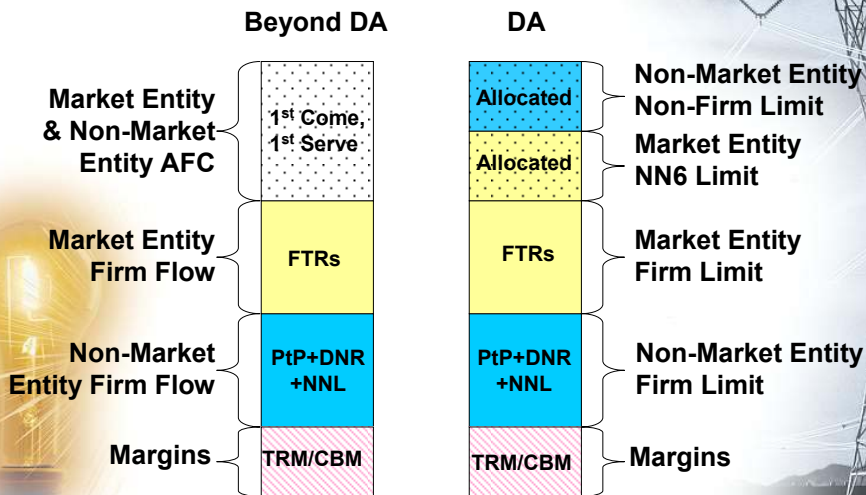


Day Ahead Coordination

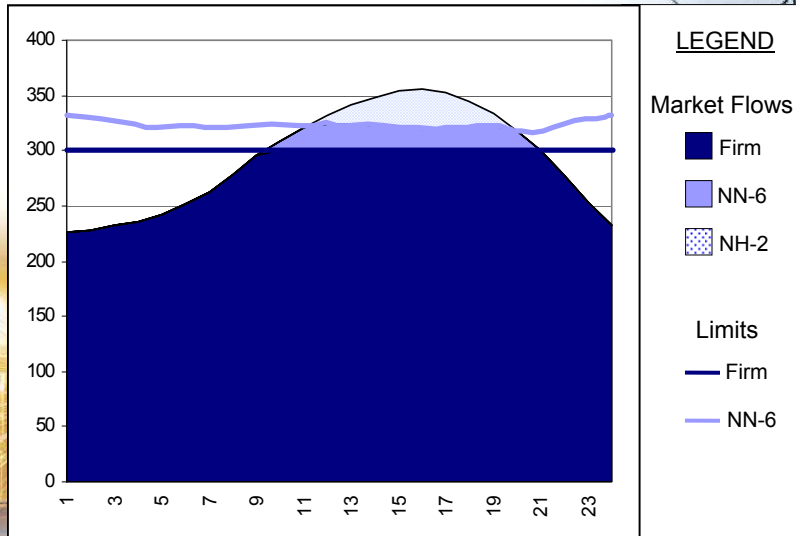
- ❖ Market Entity determines impacts of Day-Ahead Unit Commitment on flowgates
- ❖ If DA UC impacts > Firm Flows:
 - ◆ Firm Market Flow Limit = Firm Flows
 - ◆ NN-6 Limit = the lesser of 1) DA UC impacts - Firm Flows or 2) Day-Ahead Allocation
- ❖ If DA UC impacts ≤ Firm Flows:
 - ◆ Firm Market Flow Limit = DA UC impacts
 - ◆ NN-6 Limit = Firm Flows – DA UC impacts
- ❖ Market Entity must respect Firm and NN-6 limits during commitment of units



Flowgate Coordination (Proposed)



Real-Time Market Flow

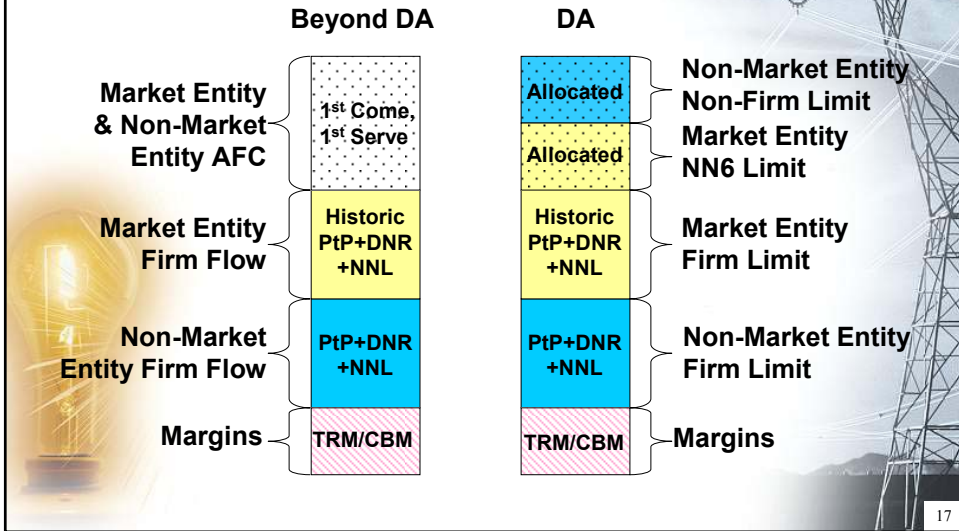


Other Options

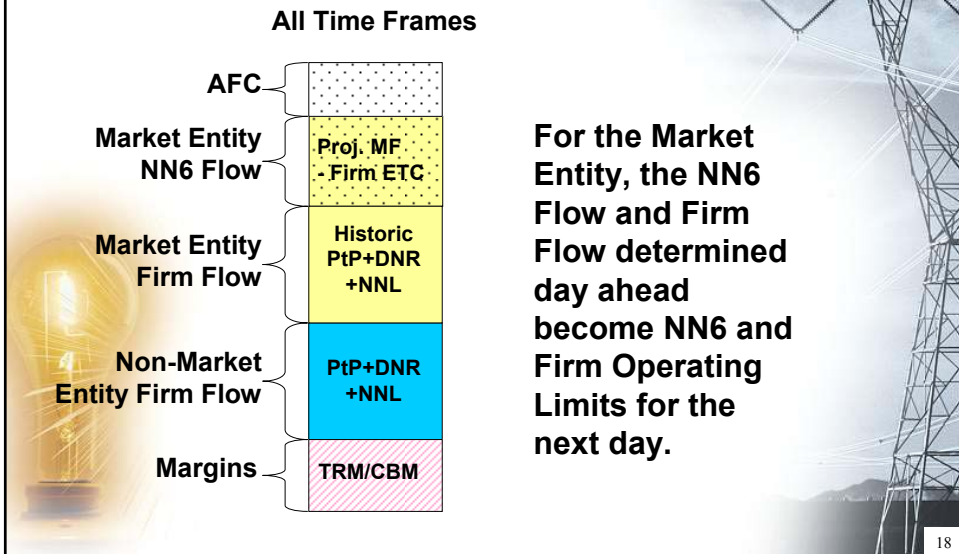
- ❖ Consider historical impacts of market footprint as Firm Flows for AFC calcs, allocate day-ahead based on Firm Flows
- ❖ Consider projected Market Flows as Firm Flows
 - ◆ If greater than historical impacts of market footprint, excess becomes NN-6 flows
 - ◆ No day-ahead allocation needed



Flowgate Coordination (Option 1)



Flowgate Coordination (Option 2)



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