- 2.2.6.2 Submit Schedules. Submitting Schedules for Energy in the Day-Ahead
  Market and Hour-Ahead Market in relation to Market Participants for which it serves as
  Scheduling Coordinator;
- 2.2.6.3 Modifications in Demand and Supply. Coordinating and allocating modifications in scheduled Demand and exports and scheduled Generation and imports at the direction of the ISO in accordance with this ISO Tariff;
- 2.2.6.4 Trades between Scheduling Coordinators. Billing and settling an Inter-Scheduling Coordinator Energy or Ancillary Service Trade shall be done in accordance with the agreements between the parties to the trade. The parties to an Inter-Scheduling Coordinator Energy or Ancillary Service Trade shall notify the ISO, in accordance with the ISO Protocols, of the Zone in which the transaction is deemed to occur, which, for Inter-Scheduling Coordinator Energy Trades, shall be used for the purpose of identifying which Scheduling Coordinator will be responsible for payment of applicable Usage Charges;
- **2.2.6.5 Scheduling Deliveries.** Including in its Schedules to be submitted to the ISO under this ISO Tariff, the Demand, Generation and Transmission Losses necessary to give effect to trades with other Scheduling Coordinators;
- **2.2.6.6 Tracking and Settling Trades.** Tracking and settling all intermediate trades among the entities for which it serves as Scheduling Coordinator;
- 2.2.6.7 Ancillary Services. Providing Ancillary Services in accordance with Section2.5;

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peak De	mand on the ISO Controlled Grid and the forecasted Generation capacity.	The
	s shall cover a period of twelve (12) months on a rolling basis;	
TOTECASIS	s shall cover a period of twelve (12) months on a rolling basis,	

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- **2.2.6.9 ISO Protocols.** Complying with all ISO Protocols and ensuring compliance by each of the Market Participants which it represents with all applicable provisions of the ISO Protocols; and
- **2.2.6.10** Interruptible Imports. Identifying any Interruptible Imports included in its Schedules.
- 2.2.7 Operations of a Scheduling Coordinator.
- 2.2.7.1 Maintain Twenty-four (24) Hour Scheduling Centers. Each Scheduling Coordinator shall operate and maintain a twenty-four (24) hour, seven (7) days per week, scheduling center. Each Scheduling Coordinator shall designate a senior member of staff as its scheduling center manager who shall be responsible for operational communications with the ISO and who shall have sufficient authority to commit and bind the Scheduling Coordinator.
- 2.2.7.2 Submitting Balanced Schedules. A Scheduling Coordinator shall submit to the ISO only Balanced Schedules in the Day-Ahead Market and the Hour-Ahead Market. A Schedule shall be treated as a Balanced Schedule when aggregate Generation, Inter-Scheduling Coordinator Energy Trades (whether purchases or sales), and imports or exports to or from external Control Areas adjusted for Transmission Losses as appropriate, equals aggregate forecast Demand with respect to all entities for which the Scheduling Coordinator schedules in each Zone. A schedule that includes imports or exports from or to the ISO Controlled Grid or Inter-Scheduling Coordinator Energy Trades (whether Generation or Demand) shall be deemed to be balanced. If a Scheduling Coordinator submits a Schedule that is not a Balanced Schedule, the

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Scheduling Coordinator of any Ancillary Services it requires from specific Reliability Must-Run Units under their Reliability Must-Run Contracts in the next Trading Day. If the ISO identifies mismatches in the scheduled quantity or location for any Inter-Scheduling Coordinator Energy Trade, it will notify the Scheduling Coordinators concerned and give them until a specified time, which will allow them approximately one half-hour, in which to modify their Schedules to resolve the mismatch before it applies the provisions of Section 2.2.11.3.4. If the ISO notifies a Scheduling Coordinator that there will be no Congestion on the ISO Controlled Grid and, subject to Section 2.2.11.3.4, the Preferred Schedule shall become that Scheduling Coordinator's Final Schedule.

- 2.2.8.2 Suggested Adjusted Schedules. In the Day-Ahead scheduling process, if the sum of Scheduling Coordinators' Preferred Schedules would cause Congestion across any Inter-Zonal Interface, the ISO shall issue to all Scheduling Coordinators an estimate of the Usage Charges if Congestion is not relieved and Suggested Adjusted Schedules that shall reflect adjustments made by the ISO to each Scheduling Coordinator's Preferred Schedule to eliminate Congestion, based on the initial Adjustment Bids submitted in the Preferred Schedules. The ISO will include in the Suggested Adjusted Schedules the resolution of any mismatches in Inter-Scheduling Coordinator Energy Trades, as determined by the ISO.
- 2.2.8.3 Revised Schedules. Following receipt of a Suggested Adjusted Schedule, a Scheduling Coordinator may submit to the ISO a Revised Schedule, which shall be a Balanced Schedule, and which shall seek to reduce or eliminate Congestion. If the ISO identifies mismatches in the scheduled quantity or location for any Inter-

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Scheduling Coordinator Energy Trade, it will notify the Scheduling Coordinators concerned and give them until a specified time, which will allow them approximately one half-hour, in which to modify their Schedules to resolve the mismatch before it applies the provisions of Section 2.2.11.3.4.

2.2.8.4 Final Schedules. If the ISO notifies a Scheduling Coordinator that there will be no Congestion on the ISO Controlled Grid, the Revised Schedule shall become that Scheduling Coordinator's Final Schedule. If no Scheduling Coordinator submits any changes to the Suggested Adjusted Schedules, all of the Suggested Adjusted Schedules shall become the Final Schedules. The Final Schedules shall serve as the basis for Settlement between the ISO and each Scheduling Coordinator.

## 2.2.9 [Not Used]

2.2.10 Information to be Provided by the ISO to all Scheduling Coordinators.

By 6:00 p.m. two days prior to a Trading Day, the ISO shall publish on WEnet information, including the following to all Scheduling Coordinators for each Settlement Period of the Trading Day:

- **2.2.10.1 Scheduled Line Outages.** Scheduled transmission line Outages;
- 2.2.10.2 [Not Used]
- **2.2.10.3** Forecast Loop-Flow. Forecast Loop Flow over ISO Inter-zonal Interfaces and Scheduling Points;
- **2.2.10.4** Advisory Demand Forecasts. Advisory Demand Forecasts by location;
- **2.2.10.5 Updated Transmission Loss Factors.** Updated Generation Meter Multipliers reflecting Transmission Losses to be supplied by each Generating Unit and by each import into the ISO Control Area; and

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- 2.2.11.2.3 Notification of Flexibility. Notification of whether the Preferred Schedule is flexible for adjustment to eliminate Congestion;
- **2.2.11.2.4 Adjustment Bids.** The MW and \$/MWh values representing the Adjustment Bid curve for each Generating Unit for which an Adjustment Bid has been submitted:
- 2.2.11.2.5 Operating Characteristics. Operating characteristics for eachGenerating Unit for which an Adjustment Bid has been submitted; and
- 2.2.11.2.6 Must-Take/Must-Run Generation. Identification of all scheduled
  Generating Units that are Regulatory Must-Take Generation or Regulatory Must-Run
  Generation.
- 2.2.11.3 For deliveries to/from other Scheduling Coordinators:
- **2.2.11.3.1 Identification Code.** Identification Code of Scheduling Coordinator to which Energy is provided or from which Energy is received;
- **2.2.11.3.2** Quantity of Energy. Quantity (in MWh) of Energy being received or delivered;
- **2.2.11.3.3 Zone.** The Zone within which Energy is deemed to be provided by one Scheduling Coordinator to another under the Inter-Scheduling Coordinator Energy Trades.
- 2.2.11.3.4 Adjustments. Scheduling Coordinators will have the opportunity to resubmit Preferred Schedules and or Revised Schedules upon notice by the ISO if the ISO determines that the quantity or location of the receiving Scheduling Coordinator is not consistent with the quantity or location of the delivering Scheduling Coordinator. If the Scheduling Coordinators involved in a mismatched Inter-

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ORIGINAL VOLUME NO. I		Original Sheet No. 20-A
Scheduling Coordinator En	nergy Trade do not submit adjusted Schedules	which resolve
any		

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mismatch as to quantities and provided that there is no dispute as to whether the mismatched trade occurred or over its location, the ISO will adjust the Schedule containing the higher quantity to match the scheduled quantity of Energy in the other Schedule, except where the Schedule to be reduced contains only Inter-Scheduling Coordinator Energy Trades, in which case the ISO will adjust the other Schedule to match the Schedule containing the higher quantity. If there is a dispute between the Scheduling Coordinators as to whether the Inter-Scheduling Coordinator Energy Trade occurred or over its location, the ISO will remove the disputed trade from the Schedules in which it appears. The ISO will then balance the Schedules which are no longer Balanced Schedules by adjusting resources in the relevant Scheduling Coordinator's portfolio in accordance with the procedures detailed in the ISO Protocols.

- **2.2.11.4** For Self Provided Ancillary Services: Scheduling Coordinators electing to self provide Ancillary Services shall supply the information referred to in Section 2.5.20.5 in relation to each Ancillary Service to be self provided.
- **2.2.11.5 For Interruptible Imports:** the quantity (in MWh) of Energy categorized as Interruptible Imports and whether the Scheduling Coordinator intends to self provide the Operating Reserve required by Section 2.5.3.2 to cover such Interruptible Imports or to purchase such Operating Reserve from the ISO.

## 2.2.12 Timing of Day-Ahead Scheduling.

2.2.12.1 The ISO may in its sole discretion waive the timing requirements of this Section 2.2 where necessary to preserve System Reliability. The ISO may also waive the timing requirements of Section 2.2 where,

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Reliability Must-Run Units under their Reliability Must-Run Contracts in the Trading Day. If the ISO identifies mismatches in the scheduled quantity or location for any Inter-Scheduling Coordinator Energy Trade, it will notify the Scheduling Coordinators concerned and give them until a specified time, which will allow them approximately one half-hour, in which to modify their Schedules to resolve the mismatch before it applies the provisions of Section 2.2.11.3.4. The ISO shall analyze the combined Preferred Schedules submitted by all Scheduling Coordinators to forecast the probability of Congestion being caused by the Preferred Schedules. If the ISO finds that the Preferred Schedules will not cause Congestion, and subject to Section 2.2.11.3.4, the Preferred Schedules shall become the Final Schedules and the ISO shall notify Scheduling Coordinators accordingly.

- 2.2.12.7 Issuance of Suggested Adjusted Schedules. If the ISO finds that the Preferred Schedules would cause Congestion, it shall issue Suggested Adjusted Schedules no later than 11:00 a.m. on the day preceding the Trading Day. The ISO will include in the Suggested Adjusted Schedules the resolution of any mismatches in Inter-Scheduling Coordinator Energy Trades, as determined by the ISO.
- 2.2.12.8 Submission of Revised Schedules. If the ISO has issued Suggested Adjusted Schedules, by 12:00 noon on the day preceding the Trading Day, each Scheduling Coordinator may submit a Revised Schedule to the ISO or shall inform the ISO that it does not wish to make any change to its previously submitted Preferred Schedule. If the ISO identifies mismatches in the scheduled quantity or location for any Inter-Scheduling Coordinator Energy Trade, it will notify the Scheduling

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Coordinators concerned and give them until a specified time, which will	allow them
approximately	

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