composed of up to eleven (11) ordered pairs (i.e., ten (10) steps or price bands) of quantity/price information. Adjustment Bids are submitted as an integral part of the SC's Balanced Schedule, or, in the case of Inter-Scheduling Coordiantor Trades, the Schedule of another SC, and must be related to each Generating Unit, Dispatchable Load and external import/export. SCs must comply with the ISO Data Templates and Validation Rules document, which contains the format for submission of Adjustment Bids.

SBP 4.3   **Timing of Submission of Adjustment Bids**

The specific timeline requirements for the submission of Adjustment Bids in both the Day-Ahead Market and the Hour-Ahead Market are described in the SP. During the ISO's Day-Ahead scheduling process, in accordance with the SP, the MW range of the Adjustment Bids specified in the Preferred Day-Ahead Schedule, but not the price values, may be changed by the SC in its Revised Day-Ahead Schedule, if any.

SBP 4.4   **Publication of Adjustment Bids**

The ISO will publish Adjustment Bids in accordance with applicable provisions of the ISO Tariff governing the disclosure of bid data.

SBP 4.5   **Validation of Adjustment Bids**

SBP 4.5.1   **Invalidation**

The absence of an Adjustment Bid in a SC's Preferred Schedule or Revised Schedule will not affect the validation since SCs are not required to submit Adjustment Bids. If an Adjustment Bid is contained in the SC's Preferred Schedule or Revised Schedule but is not in the form described above, both the Schedule and the Adjustment Bid will be rejected. The SC will be notified immediately, via WEnet, of any validation errors. For each error detected, an error message will be generated by the ISO in the SC's notification screen which will specify the nature of the error. The SC can then look at the notification messages to review the detailed list of errors, make changes, and resubmit if it is still within the timing requirements of the SP. The SC is also notified of successful validation via WEnet. The SCs must comply with the ISO Data Templates and Validation Rules document, which contains the validation criteria for Adjustment Bids.

SBP 4.5.2   **Validation Checks**

The ISO's stage one validation checks are performed automatically, whenever Schedules and Adjustment Bids are submitted, as

Period must be disclosed to the ISO one (1) hour prior to the start of the Settlement Period.

SBP 5.1   Content of Ancillary Services Schedules and Bids

Ancillary Services in the Day-Ahead Market and the Hour-Ahead Market are comprised of the following: Regulation, Spinning Reserve, Non-Spinning Reserve and Replacement Reserve. Each Generating Unit, System Unit, Curtailable Demand or external import for which a SC wishes to submit Ancillary Services Schedules and bids must meet the requirements set forth in the Ancillary Services Requirements Protocol (ASRP). For each Ancillary Service offered to the ISO auction or self-provided, SCs must include a bid price for Energy in the form of a staircase function composed of up to eleven (11) ordered pairs (i.e., ten (10) steps or price bands) of quantity/price information. These staircase functions must be either monotonically non-decreasing (Generating Units, System Units, and external imports of System Resources) or monotonically non-increasing (Curtailable Demands). The same resource capacity may be offered into more than one ISO Ancillary Service auction at the same time (the sequential evaluation of such multiple offers between Ancillary Services markets to eliminate double counting of capacity is described in the SP). In each category of Ancillary Service, the reference to "Revised" types of Schedules indicates a submittal which is part of a Revised Day-Ahead Schedule as described in the SP. Each of the following data sections can be submitted up to seven (7) days in advance. There is no provision for external exports with regard to Ancillary Services bids. The functionality necessary to accept such bids does not exist in the ISO scheduling software.

SBP 5.1.1   Regulation

SBP 5.1.1.1   Regulation: Generating Units or System Units

Each SC desiring to self-provide Regulation or to participate in the ISO's Regulation auction will submit the following information for each relevant Generating Unit or System Unit for each Settlement Period of the relevant Trading Day:

(a)   type of schedule: Regulation Ancillary Service (ANC_SRVC) or Revised Regulation Ancillary Service (REVISED_ANC_SRVC);

(b)   SC's ID code;

(c)   type of market (Day-Ahead or Hour-Ahead) and Trading Day;

(d)   Generating Unit or System Unit ID code;

(e)   preferred bid flag, a "YES" indicates a bid and a "NO" indicates a self-provided schedule;

(f)   upward and downward range of Generating Unit or System Unit capacity over which the Generating Unit or System Unit is offering to provide Regulation;

(g)   Generating Unit or System Unit operating limits (high and low MW);

(h)   Generating Unit or System Unit ramp rate (MW/minute);

(i)   bid price for Regulation capacity ($/MW); and

(j)   bid price for Regulation Energy if called upon ($/MWh).

SBP 5.1.1.2   Regulation: External Imports

Each SC desiring to self-provide Regulation or to participate in the ISO's Regulation auction will submit the following information for each relevant external import for each Settlement Period of the relevant Trading Day:

(a)   type of schedule: (Regulation Ancillary Service);

(b)   SC's ID code;

(c)   type of market (Day-Ahead or Hour-Ahead) and Trading Day;

(d)   Scheduling Point (the name)

(e)   interchange ID code (the name of the selling entity, buying entity and a numeric identifier);

(f)   external Control Area ID;

(g)   Schedule ID (NERC ID number);

(h)   complete WSCC tag;

(i)   preferred bid flag, a "YES" indicates a bid and a "NO" indicates a self-provided schedule;

(j)   in the case of Existing contracts, the applicable contract reference number;

(k)   upward and downward range of System Resource capacity over which the System Resource is offering to provide Regulation;

(l)   System Resource operating limits (high and low MW);

(m)   ramp rate (MW/minute);

(n)   bid price for Regulation capacity ($/MW); and

(o)   bid price for Regulation Energy if called upon ($/MWh).

SBP 5.1.2   Spinning Reserve

SBP 5.1.2.1   Spinning Reserve: Generating Units or System Units

Each SC desiring to self-provide Spinning Reserve or to participate in the ISO's Spinning Reserve auction will submit the following information for each relevant Generating Unit or System Unit for each Settlement Period of the relevant Trading Day:

(a)   type of schedule: Spinning Reserve Ancillary Service (ANC_SRVC) or Revised Spinning Reserve Ancillary Service (REVISED_ANC_SRVC);

(b)   SC's ID code;

(c)   type of market (Day-Ahead or Hour-Ahead) and Trading Day;

(d)   Generating Unit or System Unit ID code;

(e)   preferred bid flag, a "YES" indicates a bid and a "NO" indicates a self-provided schedule;

(f)   Generating Unit or System Unit operating limits (high and low MW);

(g)   Spinning Reserve capacity (MW);

(h)   Generating Unit or System Unit ramp rate (MW/minute);

(i)   bid price for Spinning Reserve capacity ($/MW); and

(j)   bid price for Spinning Reserve Energy if called upon ($/MWh).