

ELECTRICITY INDUSTRY ACT 2004
ELECTRICITY INDUSTRY (WHOLESALE ELECTRICITY - MARKET)
REGULATIONS 2004
Wholesale Electricity Market Rules

IMO AMENDING RULES RC_2007_20 MADE ON 30 OCTOBER 2007
These Amending Rules commence at 08.00am on 1 November 2007

The following clauses are amended (~~deleted wording~~, new wording):

Clause 2.37.1

2.37.1 The IMO must determine a Credit Limit for each Market Participants.

Clause 3.19.1

3.19.1. No later than two days prior to the date of commencement of any outage ("Scheduled Outage") in System Management's outage schedule, the Market Participant or Network Operator involved must request that System Management approve the Scheduled Outage proceeding, specifying the Trading Day and Trading Intervals during which the Scheduled Outage will occur.

Clause 3.21.6

3.21.6 The following will apply for the purposes of clauses 7.3.4 (a) and ~~7.13.1 (e)~~ 7.13.1A (b) :

- (a) outage data will be entered by Market Participants in System Management's computer interface system on a sent out basis at 15 degrees Celsius. System Management will convert the outage data to a sent out basis at 41 degrees Celsius by multiplying the outage quantity at 15 degrees Celsius by the ratio of the maximum capacity at 41 degrees Celsius to the maximum capacity at 15 degrees Celsius for the Facility as found in the Standing Data file for temperature dependence provided under Appendix 1(b) iv on a generated basis for that facility. Market Participants will submit the outage data at 41 degrees Celsius as displayed by System Management's computer interface system;
- (b) System Management will calculate the Forced Outage (on a sent out basis at 41 degrees Celsius) for a Facility in a Trading Interval as the greater of:
 - i zero and

- ii the sum of all Forced Outages notified for that Facility minus the difference of the Facility maximum capacity and its Reserve Capacity Obligation Quantity;
- (c) System Management will calculate the Planned Outage (on a sent out basis at 41 degrees Celsius) for a Facility in a Trading Interval as the greater of:
 - i. zero and
 - ii. the sum of all Planned Outages minus the greater of:
 - 1. zero and
 - 2. the maximum capacity of the Facility minus its Reserve Capacity Obligation Quantity minus the sum of all Forced Outages notified for the Facility before the adjustment in (a) above is made by System Management; and
- (d) System Management will calculate the Consequential Outage (on a sent out basis at 41 degrees Celsius) for a Facility in a Trading Interval as the greater of:
 - i. zero and
 - ii. the sum of all Consequential Outages minus the greater of:
 - 1. zero and
 - 2. the maximum capacity of the Facility minus its Reserve Capacity Obligation Quantity minus the sum of all Forced Outages and the sum of all Planned Outages notified for the Facility before the adjustments in (a) and (b) above are made by System Management;
- (e) the IMO will provide System Management the Reserve Capacity Obligation Quantity of each Facility as currently applicable;
- (f) the maximum capacity used in this clause is the value defined in clause 3.21.5.

Clause 4.24.13 (f)

4.24.13. A standard form Supplementary Capacity Contract will require the supplier of an Eligible Service to reduce net consumption, or to increase generation, on instruction from System Management and must specify:

- (a) that there are no force majeure conditions;

- (b) the settlement process to be followed, including timing of payments;
- (c) contract variation conditions;
- (d) any conditions required to ensure that if a different person takes over the facility used to provide the Eligible Service, that the person taking over will be bound by the contract obligations (for example, by requiring the execution of a deed of assumption or novation);
- (e) the financial consequences of failing to supply the Eligible Service in accordance with the contract, based on the arrangements which apply under clause 4.26 where a Market Participant holding Capacity Credits for a Facility fails to comply with its Reserve Capacity Obligations;
- (f) a condition allowing the IMO to disclose the information required by clause ~~2.24.13~~ 4.24.16 and preventing the disclosure set out in clause ~~2.14.14~~ 4.24.17;
- (g) the technical standards and verification arrangements which facilities used to provide Eligible Services must comply with; and
- (h) blank schedules specifying:
 - i. the term of the Supplementary Capacity Contract, where this term is not to exceed 12 weeks;
 - ii. the sources of the net consumption reduction or generation increase;
 - iii. the amount of net consumption reduction or generation increase required;
 - iv. the notification time to be given for activation;
 - v. the method of notification of activation;
 - vi. the minimum duration of any activation;
 - vii. the maximum duration of any single activation;
 - viii. any limits on the number of times System Management can request activation;
 - ix. the basis to be used for measuring the response;
 - x. the availability price;
 - xi. the activation price;
 - xii. technical matters relating to the facility (including testing); and
 - xiii. the fact that activation instructions will be given by System Management.

Clause 6.5.1

- 6.5.1. Market Participants other than the Electricity Generation Corporation may submit Resource Plan Submission data for a Trading Day to the IMO between:
- (a) 11:00 AM on the Scheduling Day; and
 - (b) 12:50 PM on the Scheduling Day, with the exception that if:
 - i. a software system failure at the IMO site has prevented any Market Participant from submitting a Resource Plan; or
 - ii. a software system failure at a Market Participant site has prevented that Market Participant from submitting a Resource Plan and that Market Participant has informed the IMO of this failure by 12:30 PM on the Scheduling Day;
- the IMO may at its discretion extend the closing time up to ~~up~~ 3:00 PM on the Scheduled Day.

Clause 10.5.1 (g)

- 10.5.1. The IMO must set the class of confidentiality status for the following information under clause 10.2.1, as Public and the IMO must make each item of information available from the Market Web-Site after that item of information becomes available to the IMO:
- (a) the following Market Rule and Market Procedure information and documents:
 - i. information on the records that must be maintained by Rule Participants;
 - ii. the list of the confidentiality status of information and documents pertaining to the Wholesale Electricity Market developed by the IMO in accordance with clause 10.2.1;
 - iii. the current version of the Market Rules;
 - iv. information on any Amending Market Rules that have been made in accordance with the Rule Change Process but are yet to commence or to be included in the current version of the Market Rules, including the date those Amending Rules will take affect;
 - v. any Rule Change Proposals that are open to public comment;
 - vi. the current version of Market Procedures;
 - vii. information on any changes to any Market Procedures that have been made in accordance with the Procedure Change Process but are yet to commence or to be included in the current version of the applicable Market Procedure, including the date those Market Procedure changes will take affect;

- viii. any Procedure Change Proposals that are open to public comment; and
 - ix. a document summarising all Rule Change Proposals and Procedure Change Proposals that are no longer open to public comment and whether or not those proposals were accepted or rejected;
- (b) instructions as to how to initiate a Rule Change Process and Procedure Change Process.
- (c) details of all Rule Participants including:
- i. name;
 - ii. mailing address, telephone and facsimile number;
 - iii. the name and title of a contact person;
 - iv. details of applicable licenses held;
 - v. applicable Rule Participant classes;
 - vi. applicable Market Participant classes; and
 - vii. names and capacities of Registered Facilities;
- (d) the precise basis for determining the Bank Bill Rate;
- (e) details of bid, offer and clearing price limits as approved by the Economic Regulation Authority including:
- i. the Maximum Reserve Capacity Price;
 - ii. the Maximum STEM Price;
 - iii. the Alternative Maximum STEM Price;
 - iv. the Minimum STEM Price; and
 - v. the Maximum Shutdown Price,
- including rules that could cause different values to apply at different times;
- (f) the following Reserve Capacity information (if applicable):
- i. Requests for Expressions of Interest described in clause 4.2.3 for the previous five Reserve Capacity Cycles;
 - ii. the summary of Requests for Expressions of Interest described in clause 4.2.7 for the previous five Reserve Capacity Cycles;
 - iii. the Reserve Capacity Information Pack published in accordance with clause 4.7.2 for the previous five Reserve Capacity Cycles;
 - iv. the total amount of Capacity Credits held by each supplier of Capacity Credits;

- v. the identity of each Market Participant from which the IMO procured Capacity Credits in the most recent Reserve Capacity Auction, and the total amount procured, where this information is to be published by January 7th of the year following the Reserve Capacity Auction;
- vi. for each Special Price Arrangement for each Registered Facility:
 - 1. the amount of Reserve Capacity covered;
 - 2. the term of the Special Price Arrangement; and
 - 3. the Special Reserve Capacity Price applicable to the Special Price Arrangement,
 where this information is to be current as at, and published on, January 7th of each year;
- vii. all Reserve Capacity Offer quantities and prices, including details of the bidder and facility, for a Reserve Capacity Auction, where this information is to be published by January 7th of the year following the Reserve Capacity Auction; and
- viii. reports summarising facility tests and reasons for delays in those tests, as required by clause 4.25.11.
- ix. The following annually calculated and monthly adjusted ratios:
 - 1. NTDL_Ratio as calculated in accordance with Appendix 5, STEP 8;
 - 2. TDL_Ratio as calculated in accordance with Appendix 5, STEP 8; and
 - 3. Total_Ratio as calculated in accordance with Appendix 5, STEP 10.
- (g) the Ancillary Service report referred to in clause 3.11.11B (b);
- (h) for each Trading Interval in each completed Trading Day in the previous 12 calendar months:
 - i. the sum of the Metered Schedule generation for Scheduled Generators and Non-Scheduled Generators registered to the Electricity Generation Corporation;
 - ii. the sum of the Metered Schedule generation for Scheduled Generators and Non-Scheduled Generators registered to Market Participants other than the Electricity Generation Corporation; and
 - iii. the sum of the Resource Plan schedule generation for Scheduled Generators and Non-Scheduled Generators registered to Market Participants other than the Electricity Generation Corporation;
- (i) the following STEM summary information:

- i. for each Trading Interval in each completed Trading Day in the previous 12 calendar months:
 - 1. the total STEM Offer quantity;
 - 2. the total STEM Bid quantity;
 - 3. whether the STEM was suspended in relation to the relevant Trading Interval;
 - 4. where the STEM was not suspended, the STEM quantity purchased by the IMO; and
 - 5. where the STEM was not suspended, the STEM Clearing Price;
- ii. for each Trading Interval in each completed Trading Week during the 12 calendar months ending on the last day of the calendar month two months prior to the current calendar month:
 - 1. the STEM Offers by Market Participant;
 - 2. the STEM Bids by Market Participant;
 - 3. the quantity bought or sold in the STEM by Market Participant; and
 - 4. the Fuel Declaration, Availability Declaration and, if applicable, Ancillary Service Declaration made by the Market Participant;
- (j) for each Trading Interval in each completed Trading Day in the previous 12 calendar months the following dispatch summary information:
 - i. the values of MCAP, UDAP and DDAP;
 - ii. the Load Forecasts prepared by System Management in accordance with clause 7.2.1;
 - iii. the sum of the Metered Schedule load for all Non-Dispatchable Load, Dispatchable Load, Interruptible Load and Curtailable Load;
 - iv. estimates of the energy not served due to involuntary load curtailment; and
 - v. any shortfalls in Ancillary Services;
- (k) any Market Advisories and Dispatch Advisories released in the previous 12 months;
- (l) Loss Factors for each network connection point in accordance with clause 2.27;
- (m) the most current Statement of Opportunities Report;
- (n) the medium term PASA report described in clause 3.16.9;
- (o) the short-term term PASA report described in clause 3.17.2;

- (p) details of resolved Disputes, including all Public Information associated with the dispute, but not aspects of the resolution or information associated with the resolution which, in accordance with its confidentiality status class, cannot be made public
- (q) public consultation proceedings;
- (r) Public Reports pertaining to the Wholesale Electricity Market issued by:
 - i. the IMO;
 - ii. System Management;
 - iii. the Energy Review Board;
 - iv. the Economic Regulation Authority; or
 - v. the Minister.
- (s) event reports explaining what happened during unusual market or dispatch events but not aspects of such reports which, in accordance with its confidentiality status class, cannot be made public;
- (t) the IMO and System Management budget information for the current financial year;
- (u) a schedule of fees for services provided by the IMO;
- (v) summary information pertaining to the account maintained by the IMO for market settlement for the preceding 24 calendar months, including;
 - i. the end of month balance;
 - ii. the total income received for transactions in each of the Reserve Capacity Mechanism, the STEM, Balancing, Market Fees, System Operation Fees, Regulator Fees and a single value for all other income;
 - iii. the total outgoings paid for transactions in each of the Reserve Capacity Mechanism (excluding Supplementary Capacity Contracts), Supplementary Capacity Contracts, the STEM, Balancing and a single value for all other expenses; and
 - iv. Service Fee Settlement Amount paid to the IMO, System Management and the Economic Regulation Authority;
- (vA) the non-compliance cost described in clause 9.10A.2;
- (vB) reports providing the MWh of non-compliance of the Electricity Generation Corporation by Trading Interval, as specified by System Management in accordance with clause 7.13.1(cC), for each Trading Month which has been settled;
- (vC) reports providing the MWh quantities of energy dispatched under Balancing Support Contracts by Facility and Trading Interval, as specified by System Management in accordance with clause 7.13.1(dA), for each Trading Month which has been settled;

- (w) the STEM Price for each Trading Interval of the current Trading Month for which STEM auction results have been released to Market Participants; and
- (x) for each Trading Interval of the current Trading Month for which balancing price results have been released to Market Participants;
 - i. the values of MCAP, UDAP and DDAP; and
 - ii. the load forecast prepared by System Management in accordance with clause 7.2.1(b).
- (y) as soon as possible after a Trading Interval:
 - i. the total generation in that Trading Interval;
 - ii. the total spinning reserve in that Trading Interval;
 - iii. an initial value of the Operational System Load Estimate, taken directly from System Management's EMS/SCADA system.

where these values are to be available from the IMO Web Site for each Trading Interval in the previous 12 calendar months; and

- (z) as soon as possible after real-time:
 - i. the total generation;
 - ii. the total spinning reserve;
 - iii. an initial value of the Operational System Load Estimate, taken directly from System Management's EMS/SCADA system;

where these values are not required to be maintained on the IMO Web Site after their initial publication.

Chapter 11, Glossary

Allowable Revenue: With respect to the IMO, the allowable revenue for the IMO in providing the services set out in clause 2.22.1 as approved by the Economic Regulation Authority in accordance with clause 2.22.2 12. With respect to System Management, the allowable revenue for System Management in providing the services set out in clause 2.23.1 as approved by the Economic Regulation Authority in accordance with clause 2.23.12.

Ancillary Service Provider: A Rule Participant registered as an Ancillary Service Provider under clauses 2.28.11A.