

WHOLESALE ELECTRICITY MARKET

Submission to Procedure Change Proposal

AEPC_2017_07

Market Procedure – IMS Interface

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Date submitted:	16 August 2017

Submission

Clause 2.10.7 of the Wholesale Electricity Market Rules provides that any person may make a submission for a Procedure Change Proposal (including proposals developed by AEMO, the Economic Regulation Authority or the Rule Change Panel) by completing this Procedure Change Submission form.

Submissions should be provided by email to the nominated contact in the call for submissions published with the Procedure Change Proposal.

Please provide your views on the Procedure Change Proposal, including any objections or suggested revisions

Section 2.2 – Provision of Information

Western Power acknowledges that AEMO requires SCADA points at all times, albeit limited to the extent of the AEMO Operating Zone. Western Power is of the view that SCADA points for other equipment items (particularly for equipment items connected downstream of zone substation power transformers) are not necessary for AEMO to carry out their power system security responsibilities.

Access to Western Power’s EMS and GIS tools is provided in accordance with the terms/conditions of the Services Agreement between AEMO and Western Power; there is a finite duration for this arrangement. After which, Western Power is able to provide “periodic data transfers of current network topology” only.

Timeframes for data and information requests (within 5 days) should be qualified with “or as otherwise agreed”. On occasions, Western Power may not be able to provide details on model changes 5 Business Days prior to a network element being added; in such instances, Western Power anticipates being able to provide the required data within 5 Business Days of a network element being added.

Table 3 – Information Requirements

In regard to “SCADA control”, it is worth noting that AEMO do not have control of Western Power equipment – this include equipment for voltage control.

In regard to “Investigation data”, Western Power will provide what is necessary for AEMO to investigate significant power system disturbances. However, some information (eg. design drawings) may not be provided – this will need to be addressed on a case-by-case basis.

In regards to “Operational phones”, Western Power will limit access to what pertains to System Management. Western Power declines to provide access to historical telephone records pertaining to its field or control room conversations.

In regard to “Security Limits”, further clarification is required to establish a mutual understanding of what “network operating instructions” are required. In many cases, Western Power’s documents are guidelines and must be treated as such.

Table 4 Additional System Details

Western Power is of the view that SCADA points for other equipment items (particularly for equipment items connected downstream of zone substation power transformers) are not necessary for AEMO to carry out their power system security responsibilities.

In regard to “Western Power’s protection and disturbance systems”, Western Power is of the review that AEMO should not have access to section on Western Power’s protection and disturbance systems, AEMO requires access to tools and interfaces that allow AEMO to view and extract design and disturbance information. That is, such information can be provided by Western Power on request from AEMO.

In regard to “Western Power’s GIS systems”, access is provided in accordance with the terms/conditions of the Services Agreement between AEMO and Western Power; there is a finite duration for this arrangement. After which, Western Power is able to provide “periodic data transfers of current network topology” only.

Table 6 – Network Operator Information

Western Power requires access to generator planned availability at all times (via an interface to SMMITS or equivalent AEMO system) in order to perform its voltage control responsibilities.

Please provide an assessment whether the Procedure Change Proposal is consistent with the Market Objectives and the Wholesale Electricity Market Rules.

No comment.

Please indicate if the Procedure Change Proposal will have any implications for your organisation (for example changes to your IT or business systems) and any costs involved in implementing these changes.

Access to Western Power's EMS (and supporting systems) is provided in accordance with the terms and conditions of the Services Agreement between AEMO and Western Power. Whereas, Western Power has an obligation to provide the necessary SCADA points to AEMO via ICCP – this is in the process of being established in preparation for the end of the Services Agreement.

In addition, Western Power will need to develop processes and allocate resources to meet a number of the data/information provision requirements.

Please indicate the time required for your organisation to implement the changes, should they be accepted as proposed.

It is anticipated that the required changes will be implemented before the Services Agreement terminates.