

STTM INTERFACE PROTOCOL – MAY 2014 AMENDMENTS – FINAL DECISION

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FINAL DECISION FOR PUBLICATION

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Glossary of terms

Terms or Abbreviations	Explanation
AEMC	Australian Energy Market Commission
AEMO	Australian Energy Market Operator
MIS	Market Information Systems
MOS	Market Operator Services
NGO	National Gas Objective
NGR or Rule(s)	National Gas Rules
SIP	STTM Interface Protocol
STTM	Short Term Trading Market
STTM-CF	STTM Consultative Forum
STTM-ITDF	STTM Information Technology Development Forum
SWEX	STTM Web Exchanger
SWEXIE	STTM Web Exchanger Interface Engine

1 Final Decision

The Australian Energy Market Operator (AEMO) has made its Final Decision on the amendments to the STTM Interface Protocol (SIP) for the Short Term Trading Market (STTM) under the expedited consultation procedure as required by Rule 368(2)(b) of the National Gas Rules (NGR).

In accordance with clause 368 of the NGR, AEMO is amending the SIP to include the updated SIP artefacts as set out in this Final Decision.

The May 2014 STTM version of the SIP artefacts have been published on the AEMO website, at <http://www.aemo.com.au/Gas/Policies-and-Procedures/Short-Term-Trading-Markets/Rules-Procedures-and-Interface-Protocol>

The amendments to the SIP finalised through this Final Decision will come into effect on 7 May 2014.

2 Context of Final Decision

2.1 Purpose of the STTM Interface Protocol

AEMO established the STTM Interface Protocol (SIP) to govern the provision of communications under Part 20 of the National Gas Rules (NGR) (see Rule 368(1)). A number of artefacts constitute the SIP and describe market systems' communications in detail. The SIP is published on the AEMO website.

AEMO may only amend the SIP (or its artefacts) in accordance with the standard consultative procedure or, if urgent, the expedited consultative procedure (see Rule 368(2)).

In accordance with Rule 368 of the NGR, AEMO is amending the SIP to incorporate the updated SIP artefacts as set out in Appendix A and B.

2.2 May 2014 amendments to the SIP

AEMO will amend the SIP to incorporate the latest changes to the gas market systems made as part of Gas Release 34. AEMO's reasons for making the decision to amend the SIP are:

- the amendments are required to align the SIP (and artefacts) with the changes to the STTM systems as part of the planned May 2014 gas market systems release (Release 34).
- the majority of the proposed SIP amendments are needed to align the market systems to Rule and STTM Procedure changes – Market Operator Service - timing and eligibility – which were consulted on through separate Rule and procedure change processes by the AEMC and AEMO respectively. These are:
 - The MOS periods are reduced to monthly periods.
 - The MOS stack creation process becomes fully automated. Participants submit MOS offers directly into the STTM systems using SWEX or SWEXIE.
 - Trading right holders of MOS-enabled trading rights can participate in the STTM MOS offer process.
 - New and modified MIS reports.
- some SIP amendments are being made to clarify or better present functionality of the gas market systems. AEMO considers that these changes will provide a market benefit for industry through improved transparency of operations and should be implemented.

Changes to the SIP amendments since the Draft Decision

Amendments related to STTM deviation pricing have been deferred until 1 November 2014 in accordance with AEMC's final rule determination – National Gas Amendment (Settlement Surplus and Shortfall) Rule 2014 No. 2. Note that is, except for the changes to the publish times for two MIS reports.

In addition, corrections were made to the STTM Participant Build Pack and STTM Participant Build Pack Business Validations Addendum for either typographical errors or inconsistencies in definitions.

A summary of the amendments to the SIP or artefacts are set out in Appendix A. Changes to the SIP amendments in the Final Decision compared to the Draft Decision are shown as tracked changes. Change tracked versions of the SIP artefacts are published on the AEMO website with this Final Decision.

AEMO has incorporated the updated versions of the SIP artefacts into the SIP as shown in Appendix B.

3 Consultation process

AEMO decided to use the expedited consultative procedure to consult on SIP amendments as:

- AEMO has previously consulted on these SIP amendments with Trading Participants, STTM facility operators, STTM distributors and allocation agents via:
 - the STTM Consultative Forum (STTM-CF) on the scope of the changes for the planned May 2014 gas market systems release;
 - the STTM Information Technology Development Forum (STTM-ITDF) on the planned changes to the market interfaces and reports involving technical consultation with industry participants; and
 - a Change Notice emailed to these groups in November 2013 and March 2014, outlining the scope of changes.
- the National Gas Objective (NGO) requires that AEMO promote efficient operation of natural gas services for the long term interests of consumers, this results in AEMO having two conflicting priorities:
 - ensure the gas market systems are considered to be free from errors, following AEMO and participant testing, before implementation to minimise the risk of gas market systems producing erroneous market outcomes that undermine the NGO.
 - implement the market systems as soon as possible, following the end of gas market system testing, to ensure the gas market operates efficiently.
- participants were able to test the changes to the market systems and reports during the industry test period from 1 April to 28 April 2014 which overlapped the consultation period of the STTM Interface Protocol amendments providing participants opportunity to be better informed in their assessment of the STTM Interface Protocol amendments.

AEMO published a draft decision on 31 March 2014 and invited submissions from trading participants, STTM facility operators, STTM distributors and allocation agents. No submissions were received in response to the draft decision.

The Table 1 outlines the key dates that applied during the consultation process.

The following table contains an outline of the consultation process, including key dates. Please note that some of these dates are proposed dates and may be subject to change.

Table 1. – Timetable for SIP amendment implementation

Process	Date
Publication of the Draft Decision	31 March 2014
Submissions due in response to the Draft Decision	23 April 2014
Final Decision	1 May 2014
Effective date of the amended SIP	7 May 2014

Appendix A - Summary of the changes to the SIP or artefacts

STTM Interface Protocol

Additional text is added to the introduction clarifying how AEMO notifies STTM participants as follows.

“The primary means by which AEMO communicates information to STTM participants is:

- by publishing reports on the STTM Market Information System as defined in the STTM Reports Specification (Artefact); or
- by Message or Transaction Acknowledgements as defined in the STTM Participant Build Pack (Artefact).

A communication by these means is taken to have been notified to each relevant STTM participant at the time the report is published on the STTM Market Information System or the Message or Transaction Acknowledgment is posted to a location from which it is accessible by the participant in accordance with the STTM Participant Build Pack (Artefact), as applicable.

Some matters communicated by these primary means may also be confirmed using SMS and/or emails. Failure to send an SMS or email confirmation does not invalidate the primary notice.”

STTM Interface Protocol Artefacts

The SIP is comprised of the following SIP artefacts:

- STTM Participant Build Pack
- STTM Participant Build Pack Business Validations Addendum
- STTM Report Specifications
- MOS Offer Requirements and Validation Rules

The amendments to these SIP artefacts are summarised in the following tables along with a reference to the change process that caused the SIP amendment where applicable.

Table A.1 - Summary of amendments to the STTM Participant Build Pack SIP artefact

Change Request / Defect Reference	Issue
	Added a new MOS Offer transaction (with format and error codes) which is used to submit MOS offers via SWEXIE using FTP.
	Updated interface diagrams and descriptions in <i>Section 3 Interfaces</i> to better describe the data flow for participant submissions.
	Updated Data Dictionary definition for mosperiod field. Updated MOS Offer transaction definition for mosperiod field.

Table A.2 - Summary of amendments to the STTM Participant Build Pack Validations Addendum SIP artefact

Change Request / Defect Reference	Issue
	Added a new MOS Offer transaction which is used to submit MOS offers via SWEXIE using FTP (validation rules).
	Updated Data Dictionary definition for mosperiod field. Updated MOS Offer transaction definition for mosperiod field. Updated error code 4769 description.

Table A.3 - Summary of amendments to the STTM Reports Specifications SIP artefact

Change Request / Defect Reference	Issue
	New MIS reports to allow for MOS enabled TRNs: <ul style="list-style-type: none"> • INT705 - Trading Participant Registered Services v3 • INT706 - Trading Participant Trading Rights v2 • INT712 - Trading Participant Settlement MOS Allocations v2 • INT725 – Trading Participant MOS Offer Confirmation Modification of existing MIS reports to allow for MOS enabled TRNs: <ul style="list-style-type: none"> • INT721 – Pipeline Operator MOS Stack • INT721a – Active Pipeline Operator MOS Stack • INT703 - Trading Participant Provisional Allocation
	Modifications to <i>INT713 – Participant Company Contact Details</i> to clarify that SMS/emails are only sent if the FHC or PAD files of facility operator data submissions breach warning thresholds or have not been submitted by the first cut-off time – and not for any other files or validations.
	New MIS reports for STTM deviation pricing: INT690 – Deviation Price Data Modification of publication time for existing MIS reports for STTM deviation pricing: INT704 - Trading Participant Deviation and Variation Data (v1 and v2) INT724 - Ranked Deviation Quantities Report (Note only the timing of these reports will change so they run later by a few minutes to accommodate the run time of a deviation charge/payment calculation batch job.)

Table A.4 - Summary of amendments to the MOS Offer Requirements and Validation Rules SIP artefact

Change Request / Defect Reference	Issue
	The MOS Offer Requirements and Validation Rules SIP artefact is no longer required and will be deleted. MOS Offers can now be submitted via SWEX or SWEXIE. The requirements and validation rules are now incorporated into the STTM Participant Build Pack and the STTM Participant Build Pack Validations Addendum for SWEXIE and by the STTM Webb Exchanger User Guide for SWEX.

Appendix B - Amendments to the SIP

The substantive change to the SIP will be in the reference to the active version of the SIP artefacts. The following table details the SIP artefacts versions that will become effective. These are the only material changes to the SIP.

Table B.1 - Summary of amendments to SIP

Form of Communication	Document	Version
File transfers	Participant Build Pack Purpose: specify the data formats and the rules for file transfer data exchanges between AEMO and authorised parties (i.e. Trading Participants, STTM facility operators, STTM distributors and allocation agents).	19
Transaction validations	Participant Build Pack Business Validations Addendum Purpose: detail (beyond the Participant Build Pack) the validation rules applied to the data exchange between AEMO and participants.	8
Reports	STTM Report Specifications Purpose: specify all of the reports published by AEMO on its STTM Market information System (to Trading Participants, STTM facility operators, STTM distributors and the public).	15

For the avoidance of doubt, the artefact known as MOS Offer Requirements and Validation Rules is removed as it is no longer required since the relevant requirements and validations are now contained in the Participant Build Pack and Business Validations Addendum.