

PROPOSED PROCEDURE CHANGE (PPC) – SUMMARY SECTION
(For Proponent or AEMO to complete. Template focuses on solution identification)

Issue Number	IN007/17		
Impacted Jurisdiction(s)	South Australia		
Proponent	Nandu Datar	Company	AEMO
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Affected Gas Market(s) <ul style="list-style-type: none"> ▪ Retail ▪ Wholesale ▪ Bulletin Board ▪ STTM 	Retail	Date proposal sent to AEMO	23/06/2017
Short Title	Changes to weather observation station.		
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PROPOSED PROCEDURE CHANGE (PPC) – DETAILED REPORT SECTION

1. Description of change(s) and reasons for change(s)

Rationale:

AEMO has received advice that the Kent Town weather observation station will no longer be the official observation and forecast location for the city of Adelaide. From the 14 June 2017 the West Terrace weather observation station became Adelaide's official observation and forecast location. The two observation stations have been operating in tandem for some months. The Kent Town station is earmarked to close in mid 2018.

The changes described in this Proposed Procedure Change (PPC) proposes that the Retail Market Procedures (RMP) SA be amended to remove specific weather observation station locations and insert a new clause that places an obligation on AEMO maintaining and publishing on its website a register of weather observation station locations and seek responses from Users and the Network Operator before making a change to the register.

The benefit of maintaining a register as opposed to "hard coding" weather observation station locations in the RMPs is it will provide AEMO with the flexibility to respond to any future changes made by the Bureau of Meteorology (BoM) in a timely manner without having to run a RMP consultation which can be unnecessarily costly and time consuming.

Summary of proposed amendments:

Appendix 11 (Heating Degree Day for South Australia) of the RMP (SA) specifies that for the Adelaide Heating Degree Day (HDD) zone, the weather data from the Kent Town weather observation station is to be used. Given Kent Town is no longer the official observation and forecast location for Adelaide the RMP will need to be amended.

Given that the weather observation station locations can change with minimal advance notice from the BoM, AEMO proposes to remove the "hard coding" of specific weather observation station location in the RMPs, and instead, maintain and publish separate register of weather observation station locations (See attachment B). Prior to implementing any changes to this register, AEMO will notify Users and the Network Operator of the proposed changes and allow them to provide feedback to AEMO.

AEMO also proposes to amend the RMP to remove specific references to weather observation stations and include a new clause that places an obligation on AEMO to maintain and consult on a register (See attachment A).

<p>2. Reference documentation</p> <ul style="list-style-type: none"> ▪ Procedure Reference ▪ GIP/Specification Pack Reference ▪ Other Reference 	<p>Retail Market Procedures (SA) – V11</p> <p>Register of Weather Observation Stations (New document)</p>
<p>3. The high level details of the change to the existing Procedures</p> <p>This includes:</p> <ul style="list-style-type: none"> ▪ A comparison of the existing operation of the Procedures to the proposed change to the operation of the Procedures. ▪ A marked up version of the Procedure change (see Attachment A). 	<p>Amend Appendix 11 (Heating Degree Day for South Australia) of the RMP (SA) to remove reference to weather observation station 'Kent Town' and specify that weather observation station for Adelaide Heating Degree Day (HDD) zone will be obtained from the new document 'Register of Weather Observation Stations'. See Attachment A for further details.</p> <p>Create a new document Register of Weather Observation Stations containing a list of weather observation station locations. See Attachment B for further details.</p>
<p>4. Consequences for making or not making the change(s)</p>	<p>Maintaining the current situation will require AEMO to run a RMP consultation whenever the BoM makes changes to weather observation station.</p> <p>Not making the change to the RMP will mean that AEMO is non-compliant with current requirements of the RMP.</p>
<p>5. Explanation regarding the order of magnitude of the change(s) (eg: material, non-material or non-substantial)</p>	<p>This initiative will require minor RMP changes and creating a separate register containing a list of weather observation stations. AEMO considers the order of magnitude of this change is 'non-material'.</p>
<p>6. Likely benefits for industry as a whole</p>	<p>Creating a separate register of weather observation stations will allow AEMO to quickly respond to changes made by the BoM.</p>
<p>7. The likely implementation effect of the proposal on Industry in general and/or any identified parties (e.g. end-users)</p>	<p>Implementation of this initiative will not require any changes to the systems or processes for SA participants. AEMO will need to make a configuration change to its system.</p>
<p>8. Testing requirements</p>	<p>Not applicable</p>

<p>9. Supporting Documentation</p> <p>(attach if necessary)</p>	<p>See Attachments A and B</p>
<p>10. If applicable, a proposed effective date for the proposed changed Procedures to take effect and justification for that timeline</p>	<p>Subject to all necessary approval's AEMO is targeting to implement this initiative on 29 June 2018.</p> <p>To achieve this AEMO proposes the following timeline.</p> <ul style="list-style-type: none"> • Issue PPC 6 March 2018. • Submission on PPC close 27 March 2018. • Issue IIR on 11 April 2018. • Submission on IIR close 9 May 2018. • AEMO decision on 25 May 2018. • Effective date 29 June 2018.

ATTACHMENT A – DOCUMENTATION CHANGES (SEE SECTION 3)

Proposed changes: Retail Market Procedures – South Australia

Blue represents additions **Red** and ~~strikeout~~ represents deletions – Marked up changes

Appendix 11 HEATING DEGREE DAY FOR SOUTH AUSTRALIA

Sub appendix 11.1 – HDD zones

- (A1) (a) AEMO must maintain and publish a register of weather observation station locations used to measure weather data.
- (b) AEMO, prior to implementing changes to the published register of weather observation station locations, must:
- (i) provide Users and Network Operators with the proposed change to the register of weather observation station locations; and
 - (ii) allow a reasonable time to receive Users and Network Operators responses to the proposed register of weather observation stations locations.

- (1) For the purposes of clause 177, South Australia contains the following *positive HDD zones*:
- (a) Northern HDD zone—~~for which the weather data for Ceduna must be used;~~
 - (b) Adelaide Region HDD zone —~~for which the weather data for Adelaide (Kent Town weather station) must be used;~~
 - (c) Riverland HDD zone —~~for which the weather data for Mildura must be used;~~ and
 - (d) Mount Gambier HDD zone —~~for which the weather data for Mount Gambier must be used.~~

The designated weather observation station location for the HDD zone described in sub clause (a) to (d) are published in the register described in clause A1.

- (2) For the purposes of clause 177, South Australia contains the following *negative HDD zones*:
- (a) Adelaide Metropolitan HDD zone - for which the weather data for Adelaide ~~(Kent Town weather station)~~ must be used.

The designated weather observation station location for the HDD zone described in sub clause (a) is published in the register described in clause A1.



REGISTER OF WEATHER OBSERVATION STATIONS USED IN GAS RETAIL MARKETS

PREPARED BY: AEMO/Markets/Market Enhancement
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NEW SOUTH WALES QUEENSLAND SOUTH AUSTRALIA VICTORIA AUSTRALIAN CAPITAL TERRITORY TASMANIA WESTERN AUSTRALIA

VERSION RELEASE HISTORY

Version	Effective Date	Summary of Changes
1.0	29/08/2018	First Issue.

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1. PURPOSE AND SCOPE

National Gas Rules (NGR) allow for AEMO to make Retail Market Procedures (RMP). RMPs are the approved regulatory standards that place fundamental obligations on AEMO, Distributors and Retailers. The RMPs describe various obligations that facilitate interaction between parties in the market.

In relation to meter data, the RMPs contain obligations that apply if meter data is not available or unable to be obtained. These obligations often set out requirements to produce an estimated read. Weather data is often used in the calculation of an estimated read.

This document contains a listing of the weather observation station applicable for each jurisdiction where they are not prescribed in the RMP.

2. RELATED DOCUMENTS

Reference	Title	Location
Ref #1	Retail Market Procedures (RMP) South Australia	Published on AEMO website

3. CHANGE PROCESS TO AMEND THIS REGISTER.

AEMO is responsible for maintaining the list of weather observation locations described in section 4 of this document.

AEMO (CGI) receives any changes to weather observation stations from the BoM. Prior to making any amendment to the list of weather stations described in section 4, AEMO must inform the Gas Retail Consultative Forum (GRCF) of any such change.

4. WEATHER OBSERVATION LOCATIONS.

4.1. South Australian Weather Observation Locations.

The following is a list of the weather observation stations applicable to Appendix 11 (Heating Degree Day for South Australia) of the Retail Market Procedures (RMP) (SA) (Ref#1).

Table 1 South Australian weather observation station

Heating Degree Day (HDD) zone	Service Provider	Observation station
Northern	Australian Government Bureau of Meteorology	Ceduna
Adelaide Region	Australian Government Bureau of Meteorology	West Terrace / ngayirdapira
Riverland	Australian Government Bureau of Meteorology	Mildura
Mount Gambier	Australian Government Bureau of Meteorology	Mount Gambier
Adelaide Metropolitan	Australian Government Bureau of Meteorology	West Terrace / ngayirdapira