

REGISTER OF WEATHER RELATED INFORMATION

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VERSION RELEASE HISTORY

| Version | Effective Date | Summary of Changes |
|---------------------|---------------------|--|
| 1.0 | 03/09/2018 | First Issue. |
| 2.0 | 11/06/2019 | Amended to change the weather station for Adelaide Metropolitan and Adelaide Region HDD Zones to West Terrace. |
| 3.0 | TBA | Amended to include weather station for Victoria and NSW/ACT (IN001/20) |

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1. PURPOSE AND SCOPE

~~The~~ National Gas Rules (NGR) allow for AEMO to make Retail Market Procedures (RMPs). RMPs are ~~statutory instruments the approved regulatory standards that~~ regulate retail gas markets. ~~place fundamental obligations on AEMO, Distributors and Retailers.~~ The RMPs describe various obligations of AEMO, distributors, retailers and other parties that facilitate interaction between parties in relation to the supply of gas to end users in those markets ~~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 weather related information applicable for each jurisdiction where they are not prescribed in the RMP. ~~Definitions and interpretation~~

2. RELATED DOCUMENTS

| Reference | Title | Location |
|------------------------|--|---|
| Ref #1 | Retail Market Procedures (RMP) South Australia | Published on AEMO website |
| Ref #2 | Retail Market Procedures (RMP) Victoria | Published on AEMO website |
| Ref #3 | Retail Market Procedures (RMP) (New South Wales and ACT) | Published on AEMO website |

3. CHANGE PROCESS TO AMEND THIS REGISTER.

AEMO is responsible for maintaining weather related information described in this document.

At least 10 business days prior to making any amendment to weather related information below, AEMO must inform the Gas Retail Consultative Forum (GRCF) of the change.

4. SOUTH AUSTRALIAN WEATHER RELATED INFORMATION.

4.1. Weather Observation Stations

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 Weather Observation Stations

| Heating Degree Day (HDD) zone | Service Provider | Observation station |
|-------------------------------|---|--|
| Northern | Australian Government Bureau of Meteorology | Ceduna (Location ID 18012) |
| Adelaide Region | Australian Government Bureau of Meteorology | Adelaide (West Terrace / ngayirdapira) (Location ID 23000) |
| Riverland | Australian Government Bureau of Meteorology | Mildura (Location ID 76031) |
| Mount Gambier | Australian Government Bureau of Meteorology | Mount Gambier (Location ID 23021) |
| Adelaide Metropolitan | Australian Government Bureau of Meteorology | Adelaide (West Terrace / ngayirdapira) (Location ID 23000) |

4.2. HDD Coefficients

The following is a list of HDD Coefficients applicable to Appendix 11 (Heating Degree Day for South Australia) of the RMP (SA) (Ref #1)

The numbering has been corrected below. This amendment has been confirmed by SA instructions of 30/01/09.

- (a) $C_1 = 0.62$;
- (b) $C_2 = 0.2$;
- (c) $C_3 = 0.18$;
- (d) $C_4 = 1$;
- (e) $C_5 = 0.44$;
- (f) $C_6 = -0.385$;
- (g) $C_7 = 0.38$; and
- (h) $C_8 = 0.11$.

5. VICTORIA WEATHER RELATED INFORMATION

The following is a list of the weather observation stations applicable to Attachment 6 (Net System Profile Methodology) of the Retail Market Procedures (Victoria) (Ref#1).

| Reference | Service Provider | Observation station |
|---|---|---|
| T (Average Temperature) | Australian Government Bureau of Meteorology | Melbourne (Location ID 86338) |
| Average Wind | Australian Government Bureau of Meteorology | Moorabbin (Location ID 86077) And Laverton (Location ID 87031) weather stations |
| Sunshine Hours | Australian Government Bureau of Meteorology | Melbourne Airport (Location ID 86282) |

6. NSW AND ACT WEATHER RELATED INFORMATION

The following is a list of the weather observation stations applicable to Attachment 2 (Approved Estimation Methodology) of the Retail Market Procedures (NSW and ACT) (Ref#3).

Table 2 Weather Observation Stations

| Location | Reference | Service Provider | Observation station |
|---------------------|---|---|--|
| NSW | T (Average Temperature) | Australian Government Bureau of Meteorology | Sydney Airport Weather Station (Location ID 66037) |
| NSW | Average Wind | Australian Government Bureau of Meteorology | Sydney Airport Weather Station (Location ID 66037) |

| <u>Location</u> | <u>Reference</u> | <u>Service Provider</u> | <u>Observation station</u> |
|---------------------|---|---|--|
| NSW | Sunshine Hours | Australian Government Bureau of Meteorology | Sydney Airport Weather Station (Location ID 66037) |
| ACT | T (Average Temperature) | Australian Government Bureau of Meteorology | Canberra Airport (Location ID 70351) |
| ACT | Average Wind | Australian Government Bureau of Meteorology | Canberra Airport (Location ID 70351) |
| ACT | Sunshine Hours | Australian Government Bureau of Meteorology | Canberra Airport (Location ID 70351) |