



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	30/10/2020	Amended to include weather station for Victoria and NSW/ACT (IN001/20)
4.0	31/03/2022	Amended to reflect the Update the Register of Weather Related Information to accommodate third party service providers, Compliance Resolution (IN008/22).

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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 that regulate retail markets. The RMPs describe various obligations of AEMO distributors, retailers and other parties that facilitate interaction between parties in relations to the supply of gas to end users in those markets.

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.

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) NSW/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	Source of Data	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#2).

Reference	Source of Data	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	Source of Data ¹	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)
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)

¹ Please note that AEMO uses a third-party service provider for its weather data, but this data is originally sourced from the Bureau of Meteorology.

