



NEM Daily Energy Summary file

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Contents

- Current version release details** 2
- 1. **Introduction** 3
- 2. **Daily Energy Summary File Contents** 3
- 3. **Data version** 4
- 4. **Date range covered** 4
- 5. **File Delivery** 4
- Version release history** 6

Tables

- Table 1 Daily Energy Summary File Contents..... 3

Current version release details

Version	Effective date	Summary of changes
x.x3	02 June 2024	Update to- reflect National Electricity Amendment (Integrating energy storage systems into the NEM) Rule 2021 No.13 and National Electricity Amendment (Implementing integrated energy storage systems) Rule 2023 No.2 reflect IESS rule change and nNew AEMO format

Note: There is a full version history at the end of this document.

1. Introduction

This document outlines the contents of the Daily Energy Summary files, which are part of the suite of National Electricity Market (NEM) data files published to Participants from the Electricity Market Management System (EMMS).

The files provide a source of historical daily energy (consumption and generation) by region for a period of at least one calendar year.

2. Daily Energy Summary File Contents

Daily Energy Summary data is published in two files:

Public file	Data aggregated to a region level.
Confidential file	Data aggregated to a region/Participant level (confidential to the relevant Participant).

The Daily Energy Summary data is derived from the BILLING_DAILY_ENERGY_SUMMARY table in the EMMS Data Model.

The Daily Energy Summary files are csv files containing the information outlined in Table 1 below.

Table 1 Daily Energy Summary File Contents

Field Name	Description
CONTRACTYEARSETTLEMENTDATE	Billing Contract YearSettlementdate.
WEEKNONCONTRACTYEAR	Billing Week numberBilling-contract-year.
BILLRUNNOWEEKNON	Billing Run numberBilling-week-number.
SETTLEMENTDATEBILLRUNNTYPE	sSettlement dateThe billing-status of the data published. Will be one of PRELIM, FINAL, REVISE[n], where n is the revision number to which the data relates (eg REVISE1, REVISE2).
PARTICIPANTIDBILLRUNNO	pParticipant identifierBilling-run-number.
REGIONIDSETTLEMENTRUNNO	Unique Region IdentifierSettlement-run-number.
CUSTOMER ENERGY PURCHASED1PARTICIPANTID	eCustomer energy amount purchased on this settlement day by the participant in the regionContained in the confidential file only. The ParticipantID to which the data relates.
GENERATOR ENERGY SOLD1REGIONID	gGenerator energy amount sold on this settlement day by the participant in the regionThe RegionID to which the data relates. Will be one of NSW1, QLD1, SA1, TAS1, VIC1.
GENERATOR ENERGY PURCHASED1CUSTOMER ENERGY PURCHASED	gGenerator energy amount purchased on this settlement day by the participant in the regionCustomer energy purchased (MWh) on the specified Settlementdate for the specified Region and (for confidential data) Participant.
CE MWHGENERATOR ENERGY SOLD	The Sum of CE MWh value for the Participant and region for the Settlement DateGenerator energy

¹ Will return NULL post IESS go live

Field Name	Description
	<u>sold (MWh) on the specified Settlementdate for the specified Region and (for confidential data) Participant.</u>
<u>UFEA_MWHGENERATOR_ENERGY_PURCHASED</u>	<u>The Sum of UFEA MWh value for the Participant and region for the Settlement DateGenerator energy purchased (MWh) on the specified Settlementdate for the specified Region and (for confidential data) Participant.</u>
<u>ACE_MWH</u>	<u>The Sum of ACE MWh value for the Participant and region for the Settlement Date</u>
<u>ASOE_MWH</u>	<u>The Sum of ASOE MWh value for the Participant and region for the Settlement Date</u>
<u>ACE_AMOUNT</u>	<u>The Sum of ACE Amount value for the Participant and region for the Settlement Date</u>
<u>ASOE_AMOUNT</u>	<u>The Sum of ASOE Amount value for the Participant and region for the Settlement Date</u>
<u>TOTAL_MWH</u>	<u>The Sum of Total MWh value for the Participant and region for the Settlement Date</u>
<u>TOTAL_AMOUNT</u>	<u>The Sum of Total Amount value for the Participant and region for the Settlement Date</u>

3. Data version

The data published in the Daily Energy Summary files is the most recent data available at the time that the files were created. That is, for each settlementdate in the file, the data published is from the most recent billing run that was posted **BEFORE** the day on which the files were created. For example, Daily Energy Summary files published on 1-Jul-2012 will be based on data from the most recent billing runs posted on or before 30-Jun-2012.

Date range covered

The Daily Energy Summary files contains data for a date range:

- ending with the most recent week for which Preliminary statements have been posted, and
- starting at the beginning of the calendar year prior to that week

For example, Daily Energy Summary files published on 1-Jul-2012 contain data up to and including 23-Jun-2012 (the last day in billing week 2012Wk25, for which Preliminary statements were published on 29-Jun-2012). The date range covered by the data will start on 1-Jan-2011 (the first day in the calendar year prior to 2012).

File Delivery

The Daily Energy Summary file is created daily in the early morning. It is available from the Settlements Direct web browser, with the following characteristics:

Category	NEM Summary Data
Type	NEM Public Daily Energy Summary, and NEM Confidential Daily Energy Summary

The file will be delivered according to any subscriptions pre-defined in Settlements Direct.

The file will also be available from the File Share in the following location:

[PARTICIPANTID]\Import\Reports\CSVReports

The file name format is shown below:

- **Public file:**
PUBLIC_BILLING_DAILY_ENERGY_SUMMARY_[datetime identifier]
- **Confidential file**
[PARTICIPANTID]_BILLING_DAILY_ENERGY_SUMMARY_[datetime identifier]

Version release history

Version	Effective Date	Summary of Changes
1.0	22 May 2012	Initial version