

Determinations made pursuant to regulation 27(3), 27(4) and 27(7) for the purpose of half yearly reporting

Hydrogen and Renewable Energy Regulations 2024

Half yearly report – manner and form

For the purposes of regulation 27(4) of the *Hydrogen and Renewable Energy Regulations 2024 (HRE Regulations)*, it is determined that a half yearly report provided to the Minister pursuant to regulation 27(2) or 27(3) must be provided and expressed in the following manner and form:

- by letter addressed to the Minister for Energy and Mining, which:
 - contains the following licence/permit holder details;
 - name(s) (company and/or individual);
 - ABN/ACN (if applicable);
 - registered address;
 - details for a person to be contacted about the report (including postal address, email, phone number(s));
 - identifies the licence or permit to which the half yearly report relates;
 - identifies the prescribed period to which the half yearly report relates;
 - is accompanied by the relevant half yearly report:
 - renewable energy resource data report as required under regulation 27(2) of the HRE Regulations;
 - report of the daily quantity of hydrogen and/or compounds of hydrogen generated as a result of authorised operations required under regulation 27(3) of the HRE Regulations;
- prepared in accordance with the requirements of the HRE Regulations and the determinations set out below.

with all documentation to be:

- provided in electronic format (PDF format or equivalent), and
 - submitted via email to DEM.Compliance@sa.gov.au
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Renewable energy resource data report

For the purposes of regulation 27(7) of the HRE Regulations, it is determined that a renewable energy resource data report is to contain the attributes of a renewable energy resource measured by the holder of the permit or licence in the following manner:

Wind or airflow data

For each geospatial location of data capture:

- Data captured at the location
 - Location of data capture - GDA 2020 and height above ground in metres
 - Wind speed – metres per second (m/s)

- Wind direction - prevailing wind direction
- Time series – monthly maximum, minimum and average
- Data format - CSV, TXT, or Excel file
- Wind rose diagram (visual representation of wind speed and direction) - showing wind speed and direction over the reporting period

Light or heat from the sun resource data

- Data captured at the location
 - Location of data capture - GDA 2020 and height above ground in metres
 - Solar irradiance - Watts per square metre (W/m²)
 - Temperature, at recording - degrees Celsius (°C)
 - Relative humidity (RH), at recording - percentage (%)
 - Time series – monthly maximum, minimum and average
 - Data format - CSV, TXT, or Excel file

Hydrogen report

For the purposes of regulation 27(3) of the HRE Regulations, it is determined that the daily quantity of hydrogen and compounds of hydrogen generated as a result of authorised operations undertaken within the prescribed period is to be expressed in the following manner:

- Produced hydrogen – kilograms per day (kg/day)
- Produced compounds of hydrogen - kilograms per day (kg/day)
- Data format - CSV, TXT, or Excel file



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Delegate of the Minister for Energy and Mining