



STEM & BILATERAL REPORT AND WEB SERVICES SPECIFICATION

Version 1.1

May 2024

Important Notice

PURPOSE

AEMO has prepared this document to provide information about the design and contents of STEM and Bilateral reports for the new Wholesale Electricity Market.

DISCLAIMER

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VERSION CONTROL

Version	Release date	Changes
0.1	07/06/2023	Initial release for Market Participant Test
0.2	12/08/2023	Updated API base URLs
0.3	15/09/2023	Updated field description for the STEM Facility Limits report
1.0	11/01/2024	Additional information for the EM_STEMStdCurt Report
1.1	24/05/2024	Updated endpoint URLs: getSTEMSummaryInfoReport getSTEMBidsOffersReport

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1. Introduction

This report specification details the design and contents of STEM & Bilateral related reports for the new Wholesale Electricity Market. The document:

- Defines what reports are available;
- Details when the data is updated;
- Details where the report can be accessed; and
- Refers to rules associated with the Wholesale Electricity Market (WEM).

2. Report Confidentiality

In the sections below, there are two confidentiality classes which each report adheres to. They include:

1. Public: Information is available to all Market Participants and the wider public.
2. Rule Participant Market Restricted: Information pertaining to the specific Market Participant. This information is not available to other Market Participants or the wider public.

3. Report Sources

Reports can be accessed via two different sources.

3.1 Market Participant Interface

The Market Participant Interface (MPI) offers reports through web pages. Notifications may be displayed in the Market Messages display when new report information is available for download (for a limited selection of reports). Each report can be retrieved as a CSV or an XML file download from the associated MPI display.

3.2 Web Services

Reports are available via web services, where Market Participants can send a request which is delivered using the standard web service protocol SOAP (Simple Object Access Protocol). Existing local certificates can be used with current endpoints until the New WEM Commencement Date (NWCD) of the 1st October 2023. With the integration of APIM, DigiCert certificates will need to be requested from the WA Energy Market Management team (wa.operations@aemo.com.au), and used in conjunction with new APIM endpoints.

4. STEM and Bilateral Reports

4.1 Base URLs

Environment	Base URL	Certificate Type
RFM	https://wems-rfm.aemo.com.au/mpi/ws/	Local Certificate
RFM [APIM]	https://apis.rfm.aemo.com.au:9319/WEM/	DigiCert
MKT (PreProd)	https://wems-mkt.aemo.com.au/mpi/ws/	Local Certificate
MKT (PreProd) [APIM]	https://apis.preprod.aemo.com.au:9319/WEM/	DigiCert
Production	https://wems.aemo.com.au/mpi/ws/	Local Certificate
Production [APIM]	https://apis.prod.aemo.com.au:9319/WEM/	DigiCert

4.3 Report Summary

Summary of existing STEM and Bilateral related reports and their 'fate' moving into the SCED Market.

- Persist: Data pre-NWCD will be available, not data post-NWCD.
- Continue (new data): Reports will continue as per normal post-NWCD
- Continue (content change): The payload or structure of the report has changed post-NWCD

Category	Report	Web Service	Report Fate
STEM and Bilateral Reports	Available Capacity Credits vs Forecast Load	<BaseURL>reports/v7.1?wsdl getEstResidualReportResponse	persist (old data)
STEM and Bilateral Reports	Bilateral Contract Standing Data Conversion	<BaseURL>reports/v7.1?wsdl getBilateralStndConvReportRequest	continue (new data)
STEM and Bilateral Reports	Bilateral Submissions	<BaseURL>reports/v7.1?wsdl getBilatSubmissionReportRequest	continue (content change)
STEM and Bilateral Reports	Final Bilateral Consumer Information	<BaseURL>reports/v7.1?wsdl getFinalBiltConsInfoReportResponse	continue (content change)
STEM and Bilateral Reports	Final Net Bilateral Position	<BaseURL>reports/v7.1?wsdl getNetContractPosReportRequest	continue (content change)
STEM and Bilateral Reports	Final STEM Reserve Capacity Obligations	<BaseURL>reports/v7.1?wsdl getFinalStemResvCapObligationReportRequest	persist (old data)
STEM and Bilateral Reports	Initial Bilateral Consumer Information	<BaseURL>reports/v7.1?wsdl getInitBiltConsInfoReportRequest	persist (old data)
STEM and Bilateral Reports	Initial Net Bilateral Position	<BaseURL>reports/v7.1?wsdl getNetContractInitPosReportRequest	persist (old data)
STEM and Bilateral Reports	Initial STEM Reserve Capacity Obligations	<BaseURL>reports/v7.1?wsdl getInitStemResvCapObligationReportRequest	persist (old data)
STEM and Bilateral Reports	Load Forecast vs Bilateral Contracts	<BaseURL>reports/v7.1?wsdl getLoadFcstBiltReportRequest	continue (content change)

Category	Report	Web Service	Report Fate
STEM and Bilateral Reports	NCS Dispatch Information (PUBLIC)	<BaseURL>reports/v8?wsdl	persist (old data)
STEM and Bilateral Reports	NCS Dispatch Information	<BaseURL>reports/v8?wsdl getNcsDispatchInformationReport	persist (old data)
STEM and Bilateral Reports	Non Balancing Dispatch Merit Order	<BaseURL>reports/v7.1?wsdl getNonBalDispMeritOrderReportRequest	persist (old data)
STEM and Bilateral Reports	Operating Instructions	<BaseURL>reports/v7.1?wsdl getOperatingInstructionReport	persist (old data)
STEM and Bilateral Reports	Operational Load Forecast	<BaseURL>reports/v7.1?wsdl getLoadFcstReportRequest	persist (old data)
STEM and Bilateral Reports	Standing STEM Submission Curtailment	<BaseURL>reports/v7.1?wsdl getStdStemSubmissionCurtInfoReportRequest	continue (content change)
STEM and Bilateral Reports	STEM Ancillary Service	<BaseURL>reports/v7.1?wsdl getAncServReportRequest	persist (old data)
STEM and Bilateral Reports	STEM Ancillary Service Facilities	<BaseURL>reports/v7.1?wsdl getAncServFacilitiesReportRequest	persist (old data)
STEM and Bilateral Reports	STEM Bids and Offers	<BaseURL>reports/v7.1?wsdl getSTEMBidsOffersReport	continue (new data)
STEM and Bilateral Reports	STEM Facility Declaration	<BaseURL>reports/v7.1?wsdl getSTEMFacilityInfoReportRequest	continue (content change)
STEM and Bilateral Reports	STEM Facility Limits	<BaseURL>reports/v7.1?wsdl getFacilityLimitReportRequest	continue (content change)
STEM and Bilateral Reports	STEM Participant Limits	<BaseURL>reports/v7.1?wsdl getPartLimitReportRequest	continue (content change)
STEM and Bilateral Reports	STEM Participant Net Bilateral Position and Declarations	<BaseURL>reports/v7.1?wsdl getSTEMPartInfoReportRequest	persist (old data)
STEM and Bilateral Reports	STEM Portfolio Curve	<BaseURL>reports/v7.1?wsdl getSTEMPortfolioCurveReportRequest	continue (new data)

Category	Report	Web Service	Report Fate
STEM and Bilateral Reports	STEM Scheduled Planned Outages	<BaseURL>reports/v7.1?wsdl getSchPlannedOutagesReportRequest	persist (old data)
STEM and Bilateral Reports	STEM Standing Data Conversion	<BaseURL>reports/v7.1?wsdl getStemStndConvReportRequest	continue (content change)
STEM and Bilateral Reports	STEM Summary Info	<BaseURL>reports/v7.1?wsdl getSTEMSummaryInfoReport	continue (new data)
STEM and Bilateral Reports	STEM Trade Results	<BaseURL>reports/v7.1?wsdl getSTEMResultsPartInfoReportRequest	continue (new data)
Market Reports	Market Advisories	<BaseURL>market/v2?wsdl getMarketAdvisories	persist (old data)
Market Reports	All STEM Ancillary Service Declarations Report	<BaseURL>reports/v7.1?wsdl getPUBStemPartInfoReportRequest	persist (old data)
Market Reports	All STEM Bids and Offers Report	<BaseURL>reports/v7.1?wsdl getPUBStemBidsOfferReportRequest	continue (new data)
Market Reports	All STEM Facility Declarations Report	<BaseURL>reports/v7.1?wsdl getPUBStemFacilityInfoReportRequest	continue (content change)
Market Reports	All STEM Trades Report	<BaseURL>reports/v7.1?wsdl getPUBStemResultsPartInfoReportRequest	continue (new data)
WEM Attributes Report	Current	<BaseURL>rest/v1/wem/attributes/current current	continue (content change)
WEM Attributes Report	By Trade Date	<BaseURL>rest/v1/wem/attributes/{YYYY-MM-DD} {YYYY-MM-DD}	continue (content change)

4.4 Bilateral Contract Standing Data Conversion

Purpose	The WEM Rules allow Market Participants to submit Standing Bilateral Submissions to AEMO that apply to certain days of the week. For Market Participants who have valid Standing Bilateral Submissions for a Trading day, this report details the effective Bilateral Submissions converted from the Market Participant's Standing Bilateral Submission.
Timing	Daily, at 7:59am for the relevant Trading Day
WEM Rule	6.2.2
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_BiltStdConv
Web Service	<BaseURL>reports/v7.1?wsdl <code>getBilateralStdConvReportRequest</code>

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	1	1	5
Earliest available data	08/05/2010	08/05/2010	08/05/2010

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive)
End Date	Date		Last trading date of report period (inclusive)

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Supply Quantity (MWh)	Decimal	Quantity supplied for bilateral contracts (MWh).
Internal Load (MWh)	Decimal	Used by Western Power and Synergy to specify a load in MWh. All other participants must specify a value of 0.
Demand Quantity (MWh)	Decimal	The quantity of demand requested of the other participant (MWh).

Field	Type	Description
Participant Consumer	String	The Participant Short Name of the other participant in the bilateral contract.
Processing Messages	String	

4.5 Bilateral Submissions

Purpose	This report provides Market Participants a summary of their Bilateral Submissions. Up-to-date Bilateral submissions can be viewed in WEMS MPI – Energy Market – Bilateral.
Timing	Daily, at 11:15am for the next Trading Day
WEM Rule	
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_BilatSubmission
Web Service	<BaseURL>reports/v7.1?wsdl getBilatSubmissionReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive)
End Date	Date		Last trading date of report period (inclusive)

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
From Standing	String	Identifies if the submission is based off Standing Data. Valid values include Y (Yes) and N (No).

Field	Type	Description
Supply Quantity (MWh)	Decimal	The quantity in MWh that is being supplied through Bilateral contracts.
Internal Load (MWh)	Decimal	The quantity in MWh that is attributable to an internal load. Field only applicable to Western Power and Synergy only.
Demand Quantity (MWh)	Decimal	The quantity in MWh that is being demanded from Bilateral contract counterparty.
Participant Consumer	String	The Participant Short Name of the counterparty in the bilateral contract.

4.5.1 Legacy “Query” bilateral submissions by “submission”

Participants should be aware of a legacy option documented in the STEM & Bilateral Submission Specification. This option, which is provided as part of our bilateral submissions services, allows the user to query for an individual Trading Interval, or a range of trading intervals for the specified Trading Day. A sample query of this type is provided in the STEM & Bilateral Submission Specification under section 3.1.6 “Sample (Query)”.

This legacy Market Query allows AEMO to meet the requirements of WEM Rule 6.2.3 as it relates to bilateral submissions.

4.6 Final Bilateral Consumer Information

Purpose	This report details each Market Participant’s final bilateral consumer information.
Timing	Updated on submission
Rule	6.2.3, 6.3A.1
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_BiltConsumers
Web Service	<BaseURL>reports/v7.1?wsdl getFinalBiltConsInfoReportResponse

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive)

Field	Type	Constraints	Description
End Date	Date		Last trading date of report period (inclusive)

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant Supplier	String	Name of the counter party Market Participant in the Bilateral Contract.
Demand Quantity (MWh)	Decimal	Final Bilateral position in MWh

4.7 Final Net Bilateral Position

Purpose	This report details a Market Participant's final net bilateral quantity.
Timing	Updated on submission
WEM Rule	6.2.3, 6.3A.1
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_FinalNetBiltPos
Web Service	<BaseURL>reports/v7.1?wsdl getNetContractPosReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Net BLT Quantity (MWh)	Number (MWh)	The Market Participant's net bilateral position in MWh

4.8 Load Forecast vs Bilateral Contracts

Purpose	This report shows the proportion of the total scheduled quantity attributable to Bilateral Contracts to the load forecast values. Post October 1 2023, Forecast Operational Demand will be published elsewhere, bilateral contracts will remain.
Timing	Updated on submission
WEM Rule	6.3A.1
Confidentiality	Public
MPI	Reports View EM_LoadFcstBilt
Web Service	<BaseURL>reports/v7.1?wsdl getLoadFcstBiltReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.

Field	Type	Description
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Forecast (MWh)	Decimal	No data to be displayed post October 1 2023. Forecast Operational Demand to be published elsewhere.
Total Scheduled Blt Quantity (MWh)	Decimal	The sum of all Market Participant's scheduled net bilateral position in MWh.

4.9 Standing STEM Submission Curtailment

Purpose	Details the output of the process required by 6.3B.2 to cap the quantity in the Market Participant's Standing STEM Submission at its Maximum Supply Capability. The output of this process is then used to form the Market Participant's Standing STEM submission. Report will display 'No data found' unless quantities have been curtailed.
Timing	Daily, at 8:30am
WEM Rule	6.3B.2, 6.3B.4
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMStndCurt
Web Service	<BaseURL>reports/v7.1?wsdl getStdStemSubmissionCurtInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Maximum Supply Capability (MWh)	Decimal	Maximum quantity in MWh that the Market Participant is able to offer into STEM.
Price (\$)	Decimal	Price which the Market Participant is willing to supply or purchase in STEM.
Quantity (MWh)	Decimal	The curtailed quantity which the Market Participant is willing to supply in STEM. This value will be the same as the Maximum Supply Capability.

4.10 STEM Bids and Offers

Purpose	This report summarises a Market Participants bids and offers derived from the Market Participant's submitted portfolio supply and demand curves. This report is representative of a Market Participants net position (Bids + Offers), taking into account their bilateral position.
Timing	Daily, at 11:15am for the next Trading Day (D+1)
WEM Rule	
Confidentiality	Public, after 7 Trading Days
MPI	Reports View EM_STEMBidsAndOffer
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMBidsOffersReport

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Type (Bid/Offer)	String	Defines whether the price quantity pairs refer to a Bid or Offer after taking into account their net bilateral position.
Price (\$)	Decimal	Energy price at the point in the supply or demand curve in \$/MWh.
Quantity (MWh)	Decimal	Quantity of energy at the point in the supply or demand curve in Megawatts (MW).

4.11 STEM Facility Declaration

Purpose	This report details a Market Participant's fuel and unavailability declarations as submitted in STEM by facility.
Timing	Daily, at 11:15am for the next Trading Day (D+1)
WEM Rule	
Confidentiality	Public, after 7 Trading Days
MPI	Reports View EM_STEMResInfo
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMFacilityInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Facility ID	String	Unique code that is used by AEMO and System Management to identify the facility.
Fuel	String	Defines the fuel type declaration for STEM. Valid values include "N" (Non-Liquid) and "L" (Liquid).
Unavailable Capacity (MWh)	Decimal	Total Unavailable Capacity in MWh declared by the Market Participant. Default to 0 due to removal of the Availability Declaration.

4.12 STEM Facility Limits

Purpose	This report details the Maximum Supply Capability of individual facilities, after taking into account outages, that can be offered into STEM.
Timing	Daily, at 8:15am
WEM Rule	6.3A.5
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_FacilityLimit
Web Service	<BaseURL>reports/v7.1?wsdl getFacilityLimitReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	5	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Facility ID	String	The unique code which identifies the facility.
Liquid Maximum Supply Capability (MWh)	Decimal	Maximum available generation capability of the facility, after taking into account outages, in MWh.
Non-Liquid Maximum Supply Capability (MWh)	Decimal	Liquid vs Non-Liquid calculations no longer required. Value will default to be the same as Liquid Maximum Supply Capability.

4.13 STEM Participant Limits

Purpose	This report details the Maximum Supply Capability of a Market Participant, after taking into account all of its outages, that can be offered into STEM.
Timing	Daily, at 8:15am
WEM Rule	6.3A.5
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_PartLimit
Web Service	<BaseURL>reports/v7.1?wsdl getPartLimitReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Maximum Supply Capability (MWh)	Decimal	Maximum quantity in MWh that the Market Participant is able to offer into STEM.
Maximum Demand Capability (MWh)	Decimal	Maximum quantity in MWh that the Market Participant is able to bid for STEM.

4.14 STEM Portfolio Curve

Purpose	This report details a Market Participant's Demand and Supply Portfolio curves submitted into STEM.
Timing	Daily, at 11:15am for the next Trading Day (D+1)
WEM Rule	6.6.2A(d) and 6.6.2A(e)
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMPortCrv
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMPortfolioCurveReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Type	String	Defines whether the price quantity pair refers to a quantity demanded from (DEMAND), or offered into the STEM market (SUPPLY).
Price (\$)	Decimal	Energy price at the point in the supply or demand curve in \$/MWh.
Quantity (MWh)	Decimal	Quantity of energy at the point in the supply or demand curve in MWh.

4.15 STEM Standing Data Conversion

Purpose	The Market Rules allow Market Participants to submit Standing STEM Submissions to AEMO. For Market Participants who have valid Standing STEM Submissions for a Trading day, this report details the STEM Submission converted from the Market Participant's Standing STEM Submission, taking into account any STEM Curtailment (see 4.6 – Standing STEM Submission Curtailment)
Timing	Daily, at 8:30am for the next Trading Day (D+1)
WEM Rule	6.3B.1A
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMStndConv
Web Service	<BaseURL>reports/v7.1?wsdl getStemStndConvReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	1	1	5
Earliest available data	08/05/2010	08/05/2010	08/05/2010

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Type	String	Defines whether the quantities and prices refer to the Market Participants Supply portfolio curve or Demand portfolio curve.
Price (\$)	Decimal	Price which the Market Participant is willing to supply or purchase in STEM.
Quantity (MWh)	Decimal	Quantity which the Market Participant is willing to supply or purchase in STEM.
Total Liquid (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by liquid fuel facilities. Default to 0, no longer required.
Total Non-Liquid (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by non-liquid fuel facilities. Default to 0, no longer required.
Facility ID	String	Unique code that is used by AEMO and System Management to identify the facility.
Fuel	String	Fuel type declaration. Valid values include "LIQUID" or "NON-LIQUID".
Unavailable Capacity (MWh)	Decimal	Total Unavailable Capacity in MWh declared by the Market Participant. Default to 0, no longer Availability Declaration.

4.16 STEM Summary Info

Purpose	This report summarises the results of the STEM Auction including the Total Offer and Bid quantities, along with the Clearing Quantity and Clearing Price.
Timing	Daily, at 11:15am for the next Trading Day (D+1)
WEM Rule	6.4.3
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMSummaryInfo
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMSummaryInfoReport

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	31
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Suspension	String	Flag to identify if the trading interval was included in a STEM suspension.
Total STEM Offer Quantity (MWh)	Decimal	The total quantity across the market that was determined to be an Offer into STEM.
Total STEM Bid Quantity (MWh)	Decimal	The total quantity across the market that was determined to be a Bid in STEM.

Field	Type	Description
STEM Clearing Quantity (MWh)	Decimal	The greatest quantity which the STEM offer curve intersects the STEM bid curve.
STEM Clearing Price (\$)	Decimal	The lowest price which the STEM offer curve intersects the STEM bid curve.

4.17 STEM Trade Results

Purpose	This report details a Market Participants net bilateral quantity, net quantity traded in STEM and their Net Contract Position after the completion of the STEM Auction.
Timing	Daily, at 11:15am for the next Trading Day (D+1)
WEM Rule	6.4.3(c) and 6.4.3(d).
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMResultPartInfo
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMResultsPartInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.

Field	Type	Description
Net BLT Quantity (MWh)	Decimal	The Market Participant's net bilateral position in MWh.
Quantity Traded (MWh)	Decimal	The Market Participant's net quantity traded in STEM, in MWh (Positive values indicate quantities demanded).
Net Contract Position (MWh)	Decimal	The Market Participant's net position taking into account their bilateral and STEM results, in MWh.

5. Market Reports

5.1 All STEM Bids and Offers Report

Purpose	This report summarises each Market Participant's bids and offers derived from their STEM portfolio supply and demand curves.
Timing	Daily, at 11:00pm for six Trading Days prior (D-6)
WEM Rule	6.22.1
Confidentiality	Public
MPI	Reports View All_Bids_and_Offers
Web Service	<BaseURL>reports/v7.1?wsdl getPUBStemBidsOfferReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	10
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Type (Bid/Offer)	String	Defines whether the price quantity pairs refer to a Bid or Offer after taking into account their net bilateral position.

Field	Type	Description
Price (\$)	Decimal	Energy price at the point in the supply or demand curve in \$/MWh.
Quantity (MWh)	Decimal	Quantity of energy at the point in the supply or demand curve in Megawatts (MWh).

5.2 All STEM Facility Declarations Report

Purpose	This report details each Market Participant's fuel and unavailability declarations as submitted in STEM by facility.
Timing	Daily, at 11:00pm for six Trading Days prior (D-6)
WEM Rule	6.22.1
Confidentiality	Public
MPI	Reports View All_Facility_Declarations
Web Service	<BaseURL>reports/v7.1?wsdl getPUBStemFacilityInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	10
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.

Field	Type	Description
Facility ID	String	Unique code that is used by AEMO and System Management to identify the facility.
Fuel	String	Defines the fuel type declaration for STEM. Valid values include "N" (Non-Liquid) and "L" (Liquid).
Unavailable Capacity (MWh)	Decimal	Total Unavailable Capacity in MWh declared by the Market Participant. Default to 0, no longer requirement for Availability Declaration.

5.3 All STEM Trades Report

Purpose	This report details a Market Participants net quantity traded in STEM.
Timing	Daily, at 11:00pm for six Trading Days prior (D-6)
WEM Rule	6.22.1
Confidentiality	Public
MPI	Reports View All_STEM_Trades
Web Service	<BaseURL>reports/v7.1?wsdl getPUBStemResultsPartInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	10
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.

Field	Type	Description
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Quantity Traded (MWh)	Decimal	The Market Participant's net quantity traded in STEM, in MWh (Positive values indicate quantities demanded).

6. WEM Attributes Report

This report is available via RESTful web services and can be accessed using HTTP GET requests. All data returned is in JSON format. The report in WEMS MPI will no longer be available.

Please note that you must not be logged into the MPI while making the requests detailed in this section.

This report can request the market parameter values on current trade date as well as for a specific trade date. This is illustrated by the URLs below:

Current: <BaseURL>rest/v1/wem/attributes/current

By trade date: <BaseURL>rest/v1/wem/attributes/YYYY-MM-DD

The information in this web service is also available under a new MPI report (Reports tab → Attributes) as illustrated below.

Response Fields

Field	Type	Description
name	String	The attribute variable name.
description	String	The name of the attribute. Includes: <ul style="list-style-type: none">• Maximum STEM Price• Alternative Maximum STEM price• Minimum STEM Price• Balancing Gate Closure• LFAS Gate Closure
value	Decimal	The value of the attribute.
unit	String	The units applicable to the attribute.

Sample Response

```
[
  {
    "name": "ALT_STEM_PRICE",
    "description": "Alternative Maximum Stem Price",
    "value": 391,
    "unit": "$/MWh"
  },
  {
    "name": "BALANCING_GATE_CLOSURE",
    "description": "Gate Closure time in minutes for the balancing market",
    "value": 90,
    "unit": "Minutes"
  },
  {
    "name": "LFAS_GATE_CLOSURE",
    "description": "Gate Closure time in minutes for the load following market",
```

```
"value":210,  
  "unit":"Minutes"  
},  
{  
  "name":"MAX_STEM_PRICE",  
  "description":"Maximum Stem Price",  
  "value":267,  
  "unit":"$/MWh"  
},  
{  
  "name":"MIN_STEM_PRICE",  
  "description":"Minimum Stem Price",  
  "value":-1000,  
  "unit":"$/MWh"  
}  
]
```

7. Archived Reports

7.1 Available Capacity Credits vs Forecast Load

Purpose	This report details the estimated residual Reserve Capacity by comparing the total Capacity Credits to the Load Forecast and Scheduled Outages. The excess amount of Capacity Credits above the sum of the Forecast and Outage quantities represents the residual amount.
Timing	Report will not provide data for dates post October 1.
WEM Rule	N/A
Confidentiality	Public
MPI	Reports View RCM_EstResidual
Web Service	<BaseURL>reports/v7.1?wsdl getEstResidualReportResponse

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Outage (MW)	Decimal	Total Scheduled Outages (Planned and Forced) in MW.

Field	Type	Description
Forecast (MW)	Decimal	Load Forecast in MW received from SM for the purpose of STEM.
Capacity Credits (MW)	Decimal	Total number of Capacity Credits allocated for the relevant Capacity Year in MW.

7.2 Final STEM Reserve Capacity Obligations

Purpose	This report details a Market Participant's Final Reserve Capacity Obligations 20 minutes prior to the STEM window closure and provides an update on the Initial STEM Reserve Capacity Obligation Report.
Timing	Report will not provide data for dates post October 1
WEM Rule	6.3A.5
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_FinalSTEMCapObligations
Web Service	<BaseURL>reports/v7.1?wsdl getFinalStemResvCapObligationReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Capacity Credit Obligation (MW)	Decimal	The total Capacity Credits held by the Market Participant in MW.
Planned and Consequential Outages (MW)	Decimal	The sum of the ex-ante planned and consequential outages in MW.
Ancillary Services Required (MW)	Decimal	Estimated loss factor adjusted quantity in MW that could potentially be called upon after 1pm on the Scheduling Day for the Trading Day.
STEM Supply Curve (MW)	Decimal	The total quantity in the STEM submission Portfolio Supply Curve submitted by the Market Participant in MW.
Ancillary Services Declared (MW)	Decimal	The total quantity the STEM submission Ancillary Service Declaration submitted by the Market Participant in MW.

7.3 Initial Bilateral Consumer Information

Purpose	This report details each Market Participant's bilateral consumer information prior to the bilateral window closing.
Timing	Report will not provide data for dates post October 1
WEM Rule	6.2.3
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_InitBiltConsumers
Web Service	<BaseURL>reports/v7.1?wsdl getInitBiltConsInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant Supplier	String	Name of the counter party Market Participant in the Bilateral Contract.
Demand Quantity (MWh)	Decimal	The initial quantity demanded in MWh prior to the Bilateral trading window closing.

7.4 Initial Net Bilateral Position

Purpose	This report details a Market Participants Initial Net Bilateral Position (based on the effective Bilateral Submission at the time which the report is generated) prior to the bilateral window closure and is published in conjunction with the Initial Net Bilateral Position Report.
Timing	Report will not provide data for dates post October 1.
WEM Rule	6.2.3
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_InitNetBiltPos
Web Service	<BaseURL>reports/v7.1?wsdl getNetContractInitPosReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Net Bilateral Quantity (MWh)	Decimal	The initial Net Bilateral Quantity in MWh prior to the Bilateral window closing.

7.5 Initial STEM Reserve Capacity Obligations

Purpose	This report details a Market Participants initial Reserve Capacity Obligations at the opening of the STEM window. This report includes details around: The total Capacity Credits held; The estimated Ancillary Service requirement that could be called after 1pm on the Scheduling Day; The total Planned and Consequential Outages; Total STEM Portfolio Supply quantity submitted; and The total Ancillary Services Declared quantity in the STEM submission.
Timing	Report will not provide data for dates post October 1.
WEM Rule	6.3A.3
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_InitSTEMCapObligations
Web Service	<BaseURL>reports/v7.1?wsdl getInitStemResvCapObligationReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006

Parameters	MPI (View)	MPI (Download)	Web Service
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant Name	String	The Participant Short Name of the participant.
Capacity Credit Obligation (MW)	Decimal	The total Capacity Credits held by the Market Participant in MW.
Planned and Consequential Outages (MW)	Decimal	The sum of the ex-ante planned and consequential outages in MW.
Ancillary Services Required (MW)	Decimal	Estimated loss factor adjusted quantity in MW that could potentially be called upon after 1pm on the Scheduling Day for the Trading Day.
STEM Supply Curve (MW)	Decimal	The total quantity in the STEM submission Portfolio Supply Curve submitted by the Market Participant in MW.
Ancillary Services Declared (MW)	Decimal	The total quantity the STEM submission Ancillary Service Declaration submitted by the Market Participant in MW.

7.6 Operational Load Forecast

Purpose	This report details the loss factor adjusted forecast load for the Trading Day, on the Scheduling Day. Forecast quantities are provided in MW and MWh. Post October 1 2023, Forecast Operational Demand will be published elsewhere.
Timing	Report will not provide data for dates post October 1
WEM Rule	6.3A.2A
Confidentiality	Public
MPI	Reports View EM_LoadFcst

Web Service	<BaseURL>reports/v7.1?wsdl getLoadFcstReportRequest
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Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Forecast (MWh)	Decimal	The forecast load quantity in MWh.
Forecast (MW)	Decimal	The forecast load quantity in MW.

7.7 STEM Ancillary Service

Purpose	This report details the anticipated Ancillary quantities (excluding LFAS) required for the Trading Day, as received from System Management on the Scheduling day. These quantities are excluded from the quantities allowed to be offered into STEM by incorporating them into the Facility Limits calculations.
Timing	Report will not provide data for dates post October 1
WEM Rule	N/A
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_AncServ
Web Service	<BaseURL>reports/v7.1?wsdl getAncServReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	30	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Anc Serv (MWh)	Decimal	The ancillary service quantity in MWh required to be excluded from STEM.

7.8 STEM Ancillary Service Facilities

Purpose	This report details the facilities anticipated to provide ancillary services (excluding LFAS) on the Trading Day as received from System Management on the Scheduling Day.
Timing	Report will not provide data for dates post October 1
WEM Rule	N/A
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_AncServFacilities
Web Service	<BaseURL>reports/v7.1?wsdl getAncServFacilitiesReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	30	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Facility ID	String	Unique code that is used by AEMO and System Management to identify the facility.

7.9 STEM Participant Net Bilateral Position and Declarations

Purpose	This report details a Market Participants net bilateral position as well as its ancillary service quantities attributable to liquid and non-liquid fuels.
Timing	Report will not provide data for dates post October 1
WEM Rule	N/A
Confidentiality	Rule Participant Market Restricted
MPI	Reports View EM_STEMPartInfo
Web Service	<BaseURL>reports/v7.1?wsdl getSTEMPartInfoReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	30

Parameters	MPI (View)	MPI (Download)	Web Service
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Bilateral Qty (MWh)	Decimal	The Market Participant's net bilateral position in MWh.
Anc Serv Liq (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by liquid fuel facilities.
Anc Serv Non-Liq (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by non-liquid fuel facilities.

7.10 STEM Scheduled Planned Outages

Purpose	This report details all scheduled outages submitted to System Management, including both planned and forced outages for each Registered Facility. These are used in the Facility Limits calculation to determine the Maximum Supply Capacity of each Facility and Market Participant.
Timing	Report will not provide data for dates post October 1
WEM Rule	
Confidentiality	Public
MPI	Reports View EM_SchPlannedOutages
Web Service	<BaseURL>reports/v7.1?wsdl getSchPlannedOutagesReportRequest

Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	31	30
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Participant ID	String	The unique code which identifies the Market Participant.
Facility ID	String	Unique code that is used by AEMO and System Management to identify the facility.
Outage Reason	String	Identifies whether the outage was Planned (P) or Forced (F).
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Outage (MW)	Decimal	The quantity which is unavailable due to the outage in MW.

7.11 All STEM Ancillary Service Declarations Report

Purpose	This report details each Market Participants Ancillary Services Declarations in STEM.
Timing	Report will not provide data for dates post October 1
WEM Rule	N/A
Confidentiality	Public
MPI	Reports View All_Ancillary_Declarations

Web Service	<BaseURL>reports/v7.1?wsdl getPUBStemPartInfoReportRequest
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Limitations

The following limitations apply when using this report.

Parameters	MPI (View)	MPI (Download)	Web Service
Maximum number of days	5	10	10
Earliest available data	21/09/2006	21/09/2006	21/09/2006
Latest available data	30/09/2023	30/09/2023	30/09/2023

Arguments

The following arguments must be supplied when requesting this report, except where specified.

Field	Type	Constraints	Description
Start Date	Date		First trading date of report period (inclusive).
End Date	Date		Last trading date of report period (inclusive).

Fields

The following fields are available in each row of the report.

Field	Type	Description
Trading Day	Date	The Trade Date which the data relates to.
Hour of Day	Decimal	The Hour of Day which the data relates to.
Trading Interval	Decimal	The Trading interval which the data relates to.
Participant ID	String	The unique code which identifies the Market Participant.
Anc Serv Liq (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by liquid fuel facilities.
Anc Serv Non-Liq (MWh)	Decimal	Ancillary Service quantity in MWh expected to be provided by non-liquid fuel facilities.