

Basic Power Quality Data Procedure

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Current version release details

Version	Effective date	Summary of changes
1.0	1 July 2026	First Issue

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

1. Introduction

1.1. Purpose and scope

The purpose of this Procedure is to establish the minimum requirements for the manner and form in which *Metering Coordinators* (MC) must provide *basic power quality data* (BPQD).

This Basic Power Quality Data Procedure is made under 7.16.6C of the National Electricity Rules (NER).

These Procedures specify:

- procedures for the collection and processing of BPQD
- the appropriate service levels for BPQD
- the processes and procedures for sharing BPQD data in accordance with the Rules
- any other matter necessary for the collection, processing and delivery of BPQD.

This Procedure has effect for the purposes set out in the NER. The NER and the National Electricity Law prevail over these Procedures to the extent of any inconsistency.

1.2. Definitions and interpretation

1.2.1. Glossary

Terms defined in the National Electricity Law and the NER have the same meanings in these Procedures unless otherwise specified in this clause.

Terms defined in the NER are intended to be identified in these Procedures by italicising them, but failure to italicise a defined term does not affect its meaning.

The Retail Electricity Market Procedures – Glossary and Framework:

- (a) Is incorporated into and forms part of this Procedure; and
- (b) Should be read in conjunction with the Procedure.

1.2.2. Interpretation

These Procedures are subject to the principles of interpretation set out in Schedule 2 of the National Electricity Law.

1.3. Related documents

Title	Location
Retail Electricity Market Procedures – Glossary and Framework	AEMO Retail and metering
Metrology Procedure: Part A	AEMO Metrology Procedures and Unmetered Loads

Title	Location
MSATS Procedures Principles and Obligations for all Connection Points	AEMO Market Settlement and Transfer Solutions (MSATS)
AEMO BPQD Technical Specification	TBC
Guide to the role of Metering Coordinator	AEMO Accreditation and Registration
Audit Guideline: Metering Coordinator Auditing	AEMO Accreditation and Registration

2. BPQD MC Responsibilities

- (a) The MC must ensure delivery of BPQD for a BPQD Period in accordance with this Procedure. Refer to Appendix.
- (b) The MC must only access or retrieve BPQD in accordance with this Procedure.
- (c) The MC must ensure that BPQD is treated as *confidential information* in accordance with the NER.
- (d) The MC must provide BPQD for a BPQD Period as specified in the NER 7.3.2(j) to (n) and where:
 - (i) NMI Status in MSATS is 'Active';
 - (ii) Meter Register Status Code in MSATS is 'Current';
 - (iii) Meter Installation Type Code in MSATS is 'COMMS4C' and 'COMMS4D'; and
 - (iv) NMI Classification Code is 'Small'
- (e) The MC is not required to provide BPQD for a BPQD Period where:
 - (i) A *metering installation* meets NER 7.3.2(l); or
 - (ii) The MC and DNSP have in place a bilateral advanced PQD agreement, which includes the minimum BPQD requirements specified in this Procedure; or
 - (iii) A *metering installation* does not meet clause 2.1(d) of this Procedure; or
 - (iv) The MC is the DNSP of a Victorian AMI meter; or
 - (v) On the *day* on which Meter Churn took place; or
 - (vi) On the *day* of a new MC becoming MC.
- (f) The MC must provide BPQD for a BPQD Period to DNSPs at no cost; and when requested, provide this data to AEMO or the Australian Energy Regulator at no cost.
- (g) The MC may provide BPQD for a BPQD Period to appointed Meter Data Providers and Metering Providers.
- (h) The MC must ensure bilateral DNSP advanced PQD agreements are auditable.

3. BPQD Service Levels

- (a) The MC will provide BPQD for a BPQD Period once per *day*.
- (b) An MC has met its Procedural obligation to deliver BPQD for a BPQD Period where the MC receives a Positive AEMO BPQD Transmission Signal.
- (c) An MC has not met its Procedural obligation to deliver BPQD for a BPQD Period where the MC receives a Negative AEMO BPQD Transmission Signal.
- (d) Where MC receives a Negative AEMO BPQD Transmission Signal, the MC must attempt to resend BPQD for a BPQD Period within one *business day*.
- (e) An MC is not required to provide BPQD for a partial BPQD Period, i.e. Meter Churn.
- (f) A new MC is not required to provide BPQD for a BPQD Period the day they became MC.
- (g) Where an MC becomes aware of their inability to deliver BPQD for a BPQD Period, in accordance with this procedure, the MC must advise the DNSP within one *business day* of detection.
- (h) Where an MC becomes aware that the BPQD that has been delivered to a recipient for a BPQD Period is incorrect, the MC must provide corrected BPQD for that BPQD Period to the recipient within one *business day*.

4. BPQD Processing

- (a) The MC must validate BPQD for a BPQD Period with respect to the NMI and meter serial number.
- (b) The MC must not Substitute or Estimate BPQD.
- (c) The MC may deliver null BPQD.
- (d) The MC must not edit BPQD.

5. BPQD Delivery

Refer to Appendix A for BPQD delivery diagrams.

- (a) The MC must ensure that BPQD for a BPQD Period is scheduled for delivery so that congestion impacts do not occur (as contemplated in NER 7.15.5(b)).
- (b) The MC is not obligated to confirm that the recipient of BPQD for a BPQD Period has received a BPQD Period.
- (c) In event of downstream system issues impacting delivery of BPQD for a BPQD Period, MCs are not required to attempt to resend impacted BPQD.

- (d) Where a *metering installation*, that is required to produce BPQD has been tested, the MC must provide null BPQD for the period the *metering installation* has been tested.
- (e) The MC must be capable of identifying the following for a BPQD Period:
 - (i) Sender and recipient of BPQD for a BPQD Period.
 - (ii) Source of BPQD for a BPQD Period e.g. NMI, meter serial number, Data Type Measurement.
 - (iii) Relevant BPQD dates and times.

6. BPQD Exchange Architecture

- (a) MCs must send BPQD for a BPQD Period using the processes as specified in AEMO's BPQD Technical Specification.

7. BPQD Exception Management

- (a) Where an MC becomes aware that incorrect BPQD for a BPQD Period has been delivered to a DNSP, the MC must provide a corrected BPQD for that BPQD Period to the DNSP within one business day of detection.

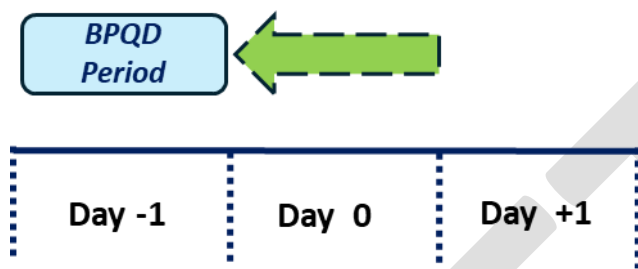
8. BPQD Compliance Monitoring

- (a) AEMO may perform BPQD compliance monitoring through annual MC audits as described in these Procedures.
- (b) AEMO will use Positive AEMO BPQD Transmission Signal and Negative AEMO BPQD Transmission Signal as the basis of BPQD compliance monitoring.
- (c) The auditing process will be completed via negative assurance to confirm that the MC has met its Procedural obligations.
- (d) Each MC must take corrective BPQD action on any reported instances of non-compliance identified by AEMO or through the MC audit process to include evidence of:
 - (i) Collection and processing of BPQD;
 - (ii) Delivery of BPQD for a BPQD Period;
 - (iii) Bilateral advanced PQD agreements; and
 - (iv) Compliance with 7.3.2(l)

9. Appendix A

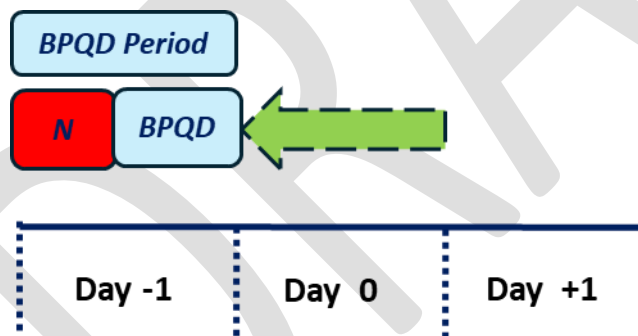
BPQD Daily delivery

1. On Day 0, MC to obtain *BPQD Period* for D-1.



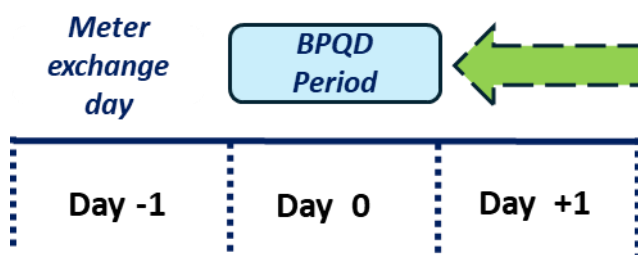
Incomplete data

1. On Day 0, MC to obtain *BPQD Period* for D-1.
2. MC supplies *BPQD Period* to the DNSP with Nulls and 'Actual' BPQD



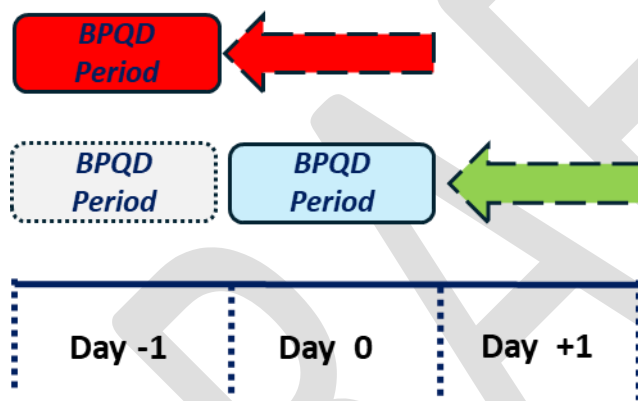
Meter exchange

1. On Day -1 on where a physical meter exchange occurs, the new MC need not obtain *BPQD Period* for Day -1
2. On Day +1, the MC to obtain *BPQD Period* for Day 0



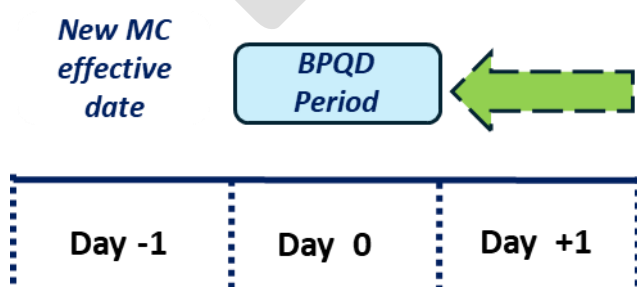
Communications Fault

1. On Day 0, MC cannot obtain BPQD Period for Day -1.
2. On Day 0, the MC need not reattempt obtaining BPQD Period for D-1
3. On Day +1, the MC to obtain BPQD Period for Day 0.
4. On Day +1, should the MC able to obtain BPQD Period for Day -1, the MC may distribute BPQD Period for Day -1



New MC and BPQD Period

1. On Day -1 on becoming an MC, the new MC need not obtain *BPQD Period* for Day-1.
2. On Day +1, the MC to obtain *BPQD Period* for Day 0



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Version release history

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1.0	1 July 2026	First Issue

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