

Quick Take: How to Submit Updated Measurement Data for End-to-End Testing

Measurement Data for End-to-End Testing

As noted in section 5.6.1 of the [Market Renewal Program \(MRP\): End-to-End Testing Plan](#), market participants will be able to modify their measurement data in the Sandbox environment to influence the outcomes they wish to see in their settlement statements during End-to-End Testing. Market participants can use this quick take as a reference on how to create the file containing their updated measurement data for End-to-End Testing. Participants are reminded that they will need to submit these files securely to the IESO via IESO Workspaces.

Template Description

Below is a list of fields to be included in the participant's measurement data template along with its description and associated values that can be accepted.

Table 1 | List of Fields

Field	Field Description	Example Value	Value Description
date	The specific trading date of the interval measurement.	2024-12-01	Value must be in YYYY-MM-DD format
h	The specific hour of the interval measurement.	1	Any value between 1 and 24
int	The specific 5-minute interval in the trading hour.	12	Any value between 1 and 12
locID	The delivery point ID assigned by the IESO. The delivery point ID is a 6-character identifier.	123456	The locID must be valid and associated with the market participant.

Field	Field Description	Example Value	Value Description
mpID	The market participant ID assigned by the IESO that represents you as the participant	123456	The mpID must be a valid metered market participant (MMP) and associated with the delivery point.
injWsInd	Injection Withdrawal Indicator	I	Indicates that the 5-minute interval measurement represents a net injection in the 5-minute interval.
		W	Indicates that the 5-minute interval measurement represents a net withdrawal in the 5-minute interval.
qty	Indicates the 5-minute interval measurement quantity in Megawatts or Megavars.		Decimal value up to 3 decimal places

Submission Guidelines

Unique Values

A submission record must be unique across the following fields:

- date
- h
- int
- locID
- mpID

If a submission contains duplicate records, the entire submission will be rejected.

Multiple Trade Date Submissions

Participants may use a single submission template to include values for multiple trading date(s).

Filename Considerations

While the filename does not impact the IESO's ability to process measurements provided by market participants, it is strongly recommended that participants use a unique filename for each submission.

If an earlier submission is revised, participants must identify to the IESO the correct version that should be uploaded to the settlement system. Submitting multiple files for the same trade date(s) may result in inconsistencies, as the IESO cannot guarantee that the latest submission will be reflected in the settlement.

Participants are recommended to use the following format when saving and sending their measurement data file back to the IESO:

<Market Participant Name>_<date submitted to the IESO in YYYYMMDD format>_V<Version #>.csv

File Format Considerations

Submissions must be in **.csv** format. Files in any other format will be rejected.

Date Field Format Considerations

For a submission to be valid, the **date** field must be formatted as **YYYY-MM-DD**.

Best Practices to Ensure Proper Date Format

1. Before saving the file, verify that the **date** field in the file is in the correct format (**YYYY-MM-DD**).
2. Avoid opening CSV files directly in Excel as this may alter the date format.
3. Use a text editor (e.g., Notepad) to validate the format before finalizing the submission.

Example Submission

The example below shows values that are intended for illustrative purposes only and is not associated to an actual market participant that is registered with the IESO.

date	h	int	locID	mpID	injWdInd	qty
2025-01-20	1	1	123456	123456	I	123.35
2025-01-20	12	10	123456	123456	W	456.35

Checklist

1. Submission contains records that are unique across the following fields:
 - date
 - h
 - int
 - locID
 - mpID
2. Is the date field of the submission in YYYY-MM-DD format
3. Is the filename unique?
4. Is the locID valid?
5. Is the mpID valid?
6. Is the injWdInd field only populated with 'I' or 'W'?
7. Is the qty field up to 3 decimal places?