

# Compliance Assessment of Revising Dispatch Data for Wind Generators

Wind Power Standing Committee  
January 28, 2009



- To review the market rules that apply to submission and updating dispatch data (forecasts) for wind generators
- To understand what MACD will be looking for as evidence that a market participant has exercised due diligence in revising dispatch data (forecasts) to reflect expected injection.

A registered market participant that intends one or more of its registered facilities to be eligible for dispatch by the IESO for a given dispatch hour of a dispatch day shall submit to the IESO dispatch data for each such registered facility for such dispatch hour...

...an intermittent generator shall submit dispatch data indicating its best forecast of the amount of energy that the intermittent generator will inject in each dispatch hour.

...a registered market participant shall as soon as practical submit to the IESO revised dispatch data...where the quantity of any physical service scheduled for that registered facility differs from the quantity the registered market participant reasonably expects to be delivered or withdrawn by more than the greater of:

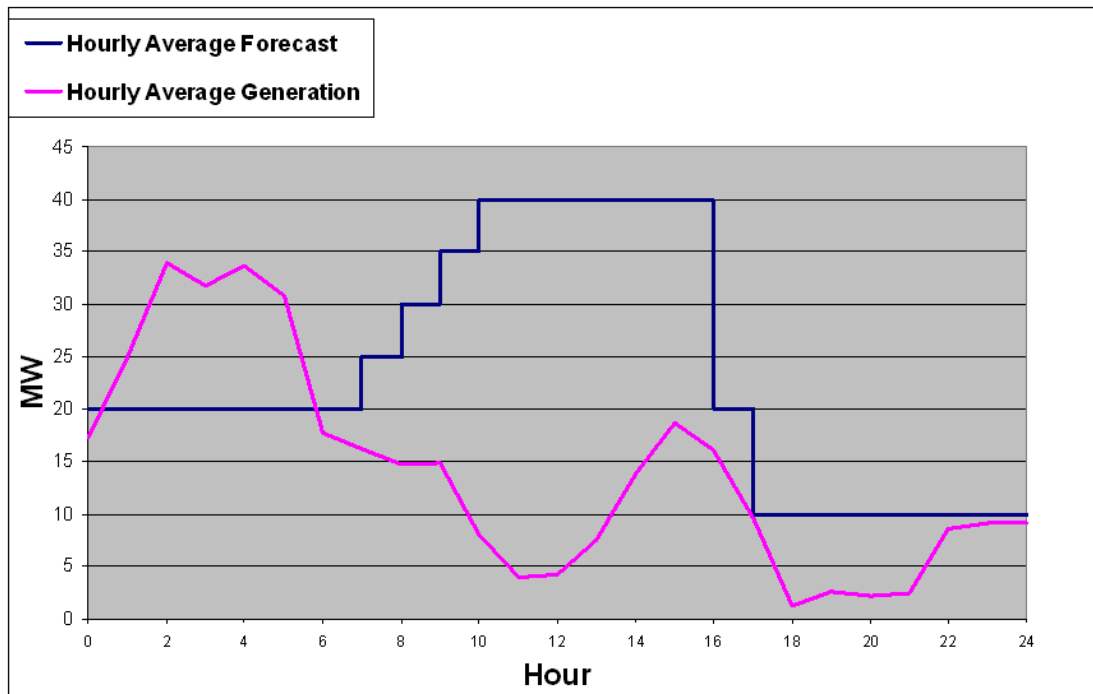
(i) 2 percent;

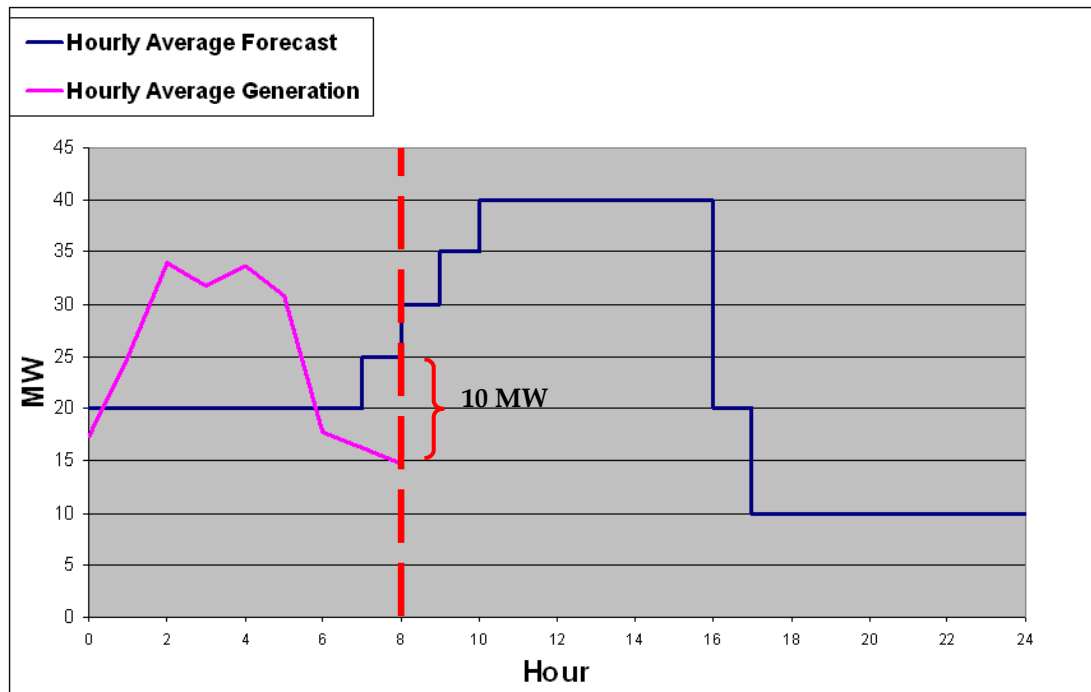
(ii) 10 MW (Market Manual 4.3, section 1.8.5)

MACD will be looking for evidence that the market participant has exercised due diligence in revising dispatch data (forecasts) to reflect expected injection.

For example:

- When were forecasts submitted?
- When were forecasts last updated?
- How variable is amount injected into the grid?
- How long has injection been more than 10 MW or 2% different than the forecast and has the difference been consistently over or under?
- How much is the injection different from the forecast?
- Does the forecast match outage plans?

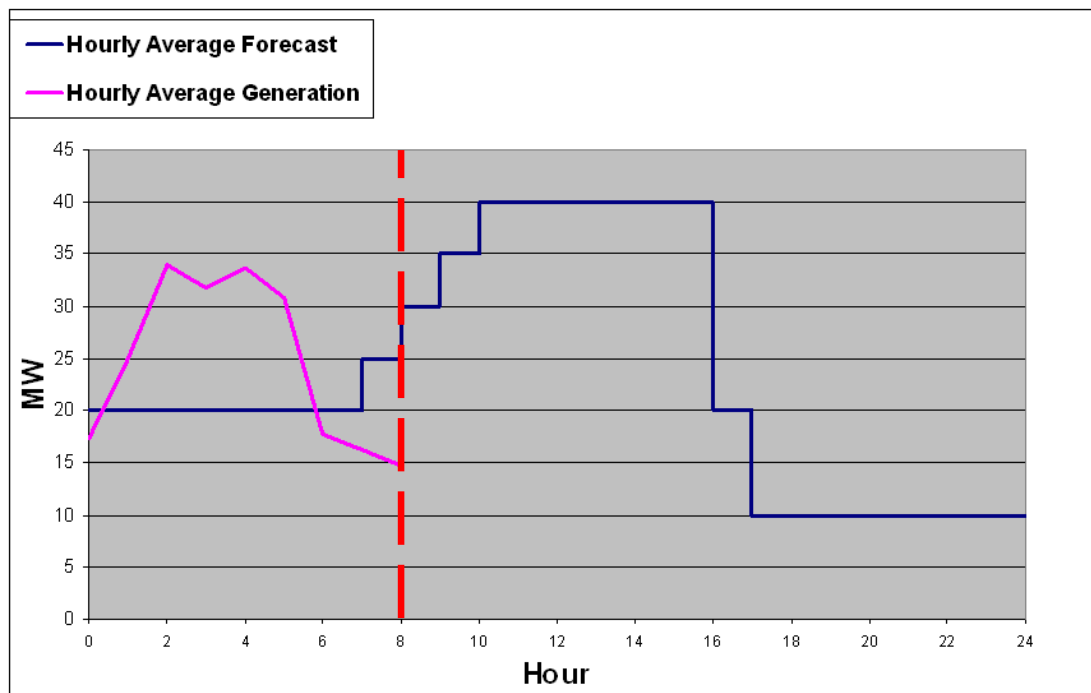




## Situation:

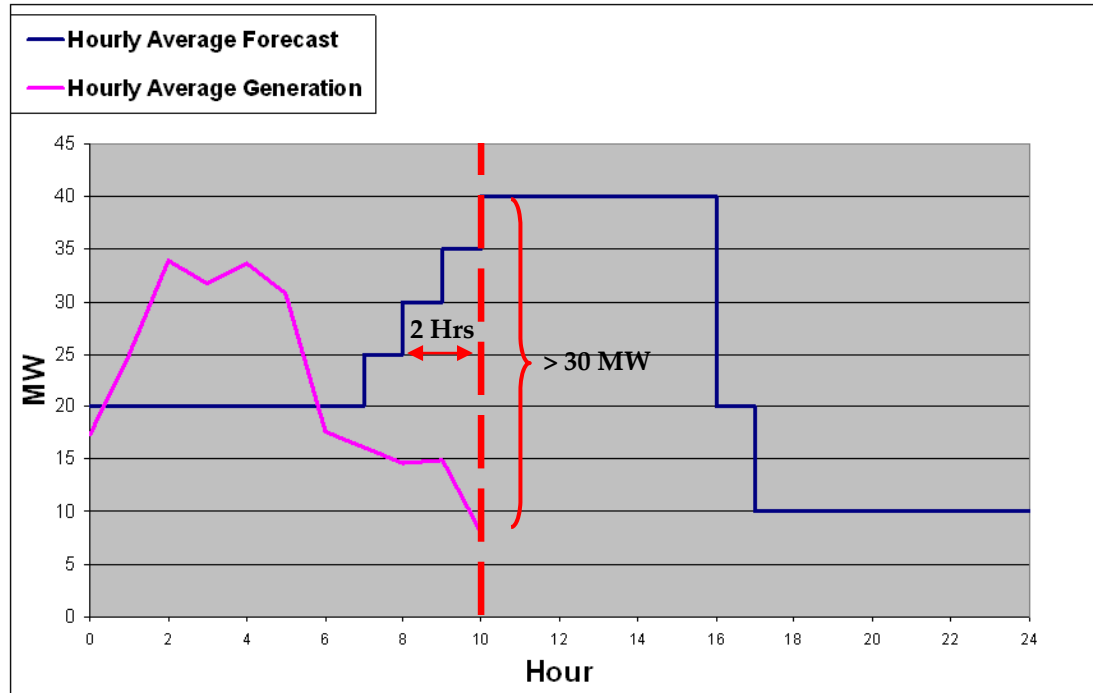
At 08:00, the generator output is about 15 MW with a forecast of 25 MW increasing at 5 MW/hr in the next two hours.





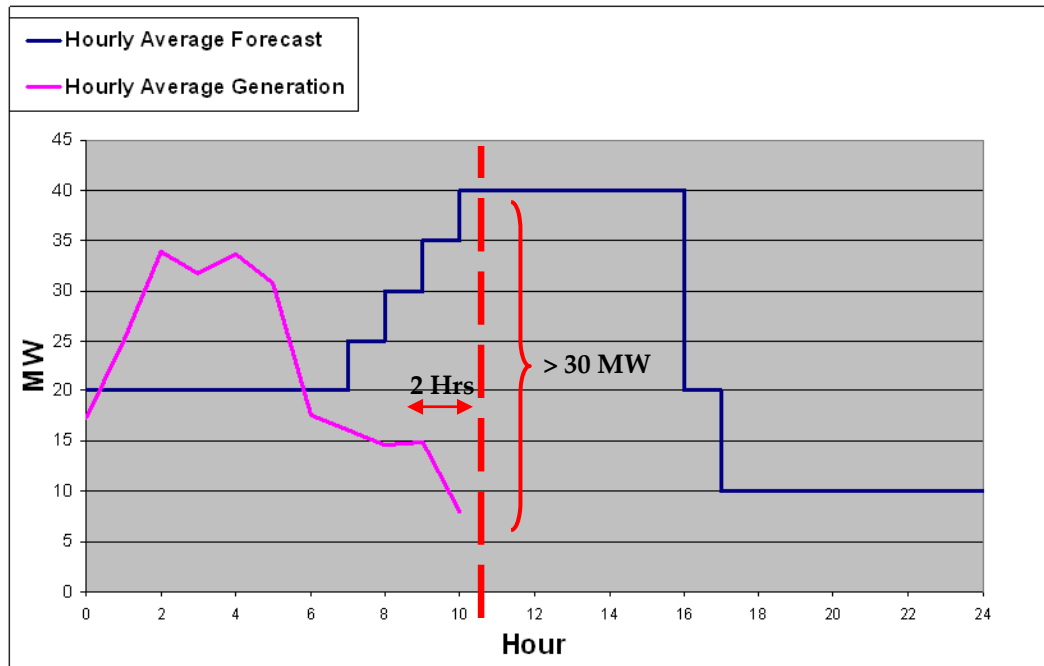
## Compliance Assessment:

Generator output is not more than 10 MW different from the forecast but has been decreasing for three hours. No compliance issue.



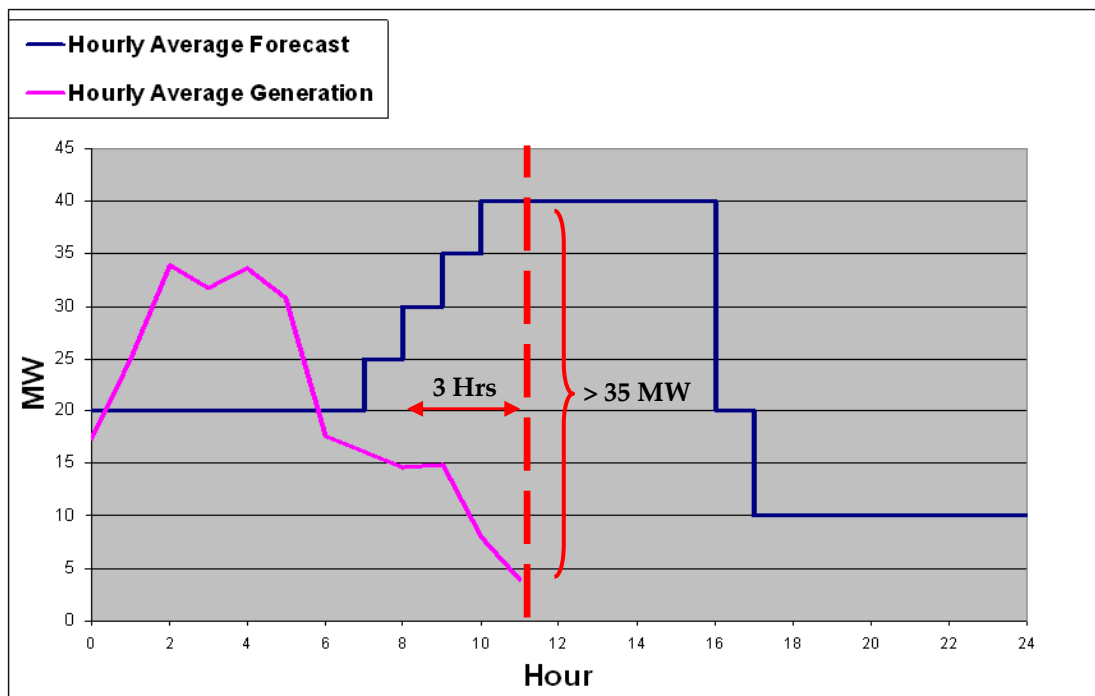
## Situation:

At 10:00, the generator output is about 7 MW with a forecast of 40 MW for the next six hours.



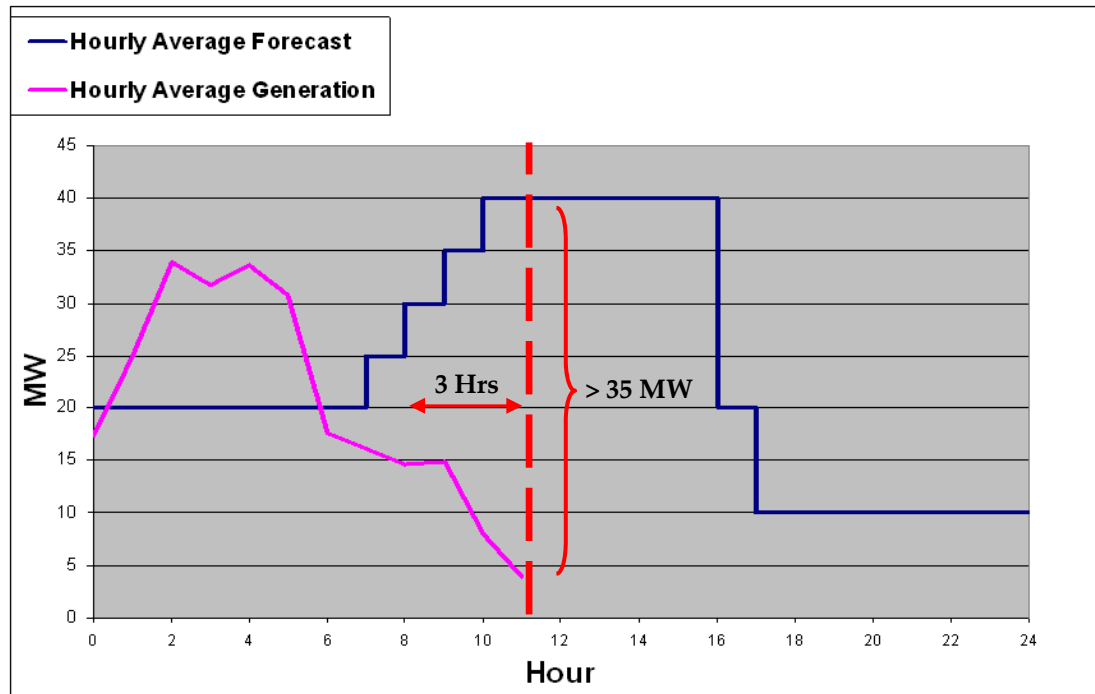
## Compliance Assessment:

Generator output has been more than 10 MW different from the forecast for two hours, currently with a 30 MW difference. MACD would expect the forecast to be revised in the mandatory window and IESO Control Room notified.



## Situation:

At 11:00, the generator output is about 4 MW. The forecast and generator output have been different by more than 10 MW for three hours. The forecast has not been revised. The forecast and generator output continue to diverge.



## Compliance Assessment:

Market Participant has taken no action as required by Market Rules. MACD may commence compliance action.

## Market Manual 2: Market Administration, Part 2.6: Treatment of Compliance Issues

[http://www.ieso.ca/imoweb/pubs/marketAdmin/ma\\_CompIssues.pdf](http://www.ieso.ca/imoweb/pubs/marketAdmin/ma_CompIssues.pdf)

## Non-Compliance Event Report

[http://www.ieso.ca/imoweb/pubs/marketSurv/ms\\_f1253\\_non-complianceEventReport.doc](http://www.ieso.ca/imoweb/pubs/marketSurv/ms_f1253_non-complianceEventReport.doc)

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