



GADS Report Descriptions

Version 1

July 11, 2007

ISO New England Inc.

GADS Portal

This document describes the field descriptions for files generated based upon GADS Data submitted for the purposes of calculating EFORd and Outage Factor Availability Factors. These reports provide Market Participants with certain information concerning the GADS Data and these calculations. These reports will be available to registered Market Participants via the GADS NxL Portal. Questions on this document should be forwarded to the Customer Services at ISO New England Inc. at custserv@iso-ne.com.

GADS REPORTING

Information available through the GADS Portal reflects the current version of the information. Historical reports are not retained for the purposes of reporting.

GADS PORTAL REPORTS TRACKING TABLE

Attached are the Tracking Tables for changes to the various GADS Reports generated by ISO-NE. These Tracking Tables provide participants a historical view of any changes or Revisions to GADS Reports as well as a Description of Change to the report.

GADS Report Name	Report Revision	Description of Change	Document Version	Posting Date
Outage Factor Report	0	Existing Report – No Changes	1	07/11/07
Standard EFORd Demand Statistics	0	Existing Report <ul style="list-style-type: none">• EFORd is displayed as % to 4 decimal places	1	07/11/07
FCM EFORd Demand Statistics	0	New Report	1	07/11/07

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Outage Factor Report – Rev 0	
Description: Only units that do not report event data will receive this report. The report is generated for a twelve month period based upon the end month specified. The Starting Month is not used to limit the period to more or less than twelve months.	
Availability: Available once the data for the resource has been processed successfully into GADS NxL.	
REPORT COLUMN	DESCRIPTION
Utility-Unit Code	Registered Utility Unit Code provided by the Customer.
Unit Description	Asset ID and Name of the resource as registered by the Customer
ISTge	Number of months the resource has been in service
CFgbe	Capacity Factor as calculated per Manual 20 Attachment F Section F.1.3.3 for the month.
Months Before In-Service	Number of months in the period that the resource was not active.
CCFg	Capacity Factor Class Average provided by NERC for this resource type.
Missing Data	Reflects number of months that data has not been submitted for some portion of the period where the resource was active.
OFgm	Outage Factor as calculated per Manual 20 Attachment F Section F.1.3.3 for the month.

Standard EFORd Demand Statistics Report – Rev 0	
Description: All units that submit data to GADS NxL will receive this EFORd report. The report is generated for the period specified by the Starting Month and Ending Month. Months with no data reported will not be included within the report.	
Availability: Available once the data for the resource has been processed successfully into GADS NxL.	
Monthly Rows	
REPORT COLUMN	DESCRIPTION
Month	Associated Month for Data Reporting
Attempted Starts	Number of Attempted Starts reported for the month by the customer
Actual Starts	Number of Actual Starts reported for the month by the customer
Service Hours	Number of Service Hours for the month as calculated based upon the Event and Performance Data
Forced Outage Hours	Number of Forced Outage Hours for the month as calculated based upon the Event (U1, U2, U3 and SF Event Types) and Performance Data
Number of Forced Outages	Number of Forced Outage Events that occurred for the month as reported by the Customer
Reserve Shutdown Hours	Number of Reserve Shutdown Hours for the month as calculated based upon the Event and Performance Data
EAF (%)	EAF as calculated per NERC DRI Note: This is for information purposes only.
EFORd (%)	Standard EFORd as calculated per Manual 20 Attachment F Section F.1.3.1 for the month. Note: This is for information purposes only.
FORd (%)	FORd as calculated per NERC DRI Note: This is for information purposes only.

Standard EFORd Demand Statistics Report – Rev 0	
Total Rows	
REPORT COLUMN	DESCRIPTION
Month	Associated Month for Data Reporting.
Attempted Starts	Sum of Attempted Starts from Monthly Section for the specified Period.
Actual Starts	Sum of Actual Starts from Monthly Section for the specified Period.
Service Hours	Sum of the Service Hours from Monthly Section for the specified Period.
Forced Outage Hours	Sum of the Forced Outage Hours from Monthly Section for the specified Period.
Number of Forced Outages	<p>Number of Forced Outage Events that occurred within the specified Period as reported by the Customer:</p> <p>Note: This can be different than the sum of the Monthly values because any Forced Outage that spans multiple months will be counted in each month for purposes of the Monthly EFORd calculations, but only once for the period calculations</p>
Reserve Shutdown Hours	Sum of Reserve Shutdown Hours from Monthly Section for the specified Period
EAF (%)	<p>EAF as calculated per NERC DRI</p> <p>Note: This is for information purposes only.</p>
EFORd (%)	Standard EFORd as calculated per Manual 20 Attachment F Section F.1.3.1 for the entire specified Period of data.
FORd (%)	<p>FORd as calculated per NERC DRI</p> <p>Note: This is for information purposes only.</p>

FCM EFORd Demand Statistics Report – Rev 0

Description: Only units that are receiving the FCM EFORd calculation treatment will receive this report. For units that report their GADS Data separate for each of the components, both the individual units and the aggregate unit will have the FCM EFORd values calculated. The Aggregate Unit reflects the summation of the data from the individual units. The report is run based upon the obligation month that is selected. This will return information for the two periods associated to the obligation month and compute monthly, period and total values.

Availability: Available once the associated Capability Period has been completed and all revised GADS information has been received.

- Reports will generally be issued about 10 days after the GADS Submission Deadline that occurs after the capability period has been completed. Resettlements will be after the associated Resettlement GADS Submission Deadline for the last Month in the Capability Period

Additional Information: For Obligation Months Jun-07 to Sep-07 only one period of information will be displayed since the first period is based upon the Standard EFORd. In order to determine the Final EFORd used for purposes of calculating Capacity payments, use the Standard EFORd report for the period of Apr-06 to Sep-06, divide the period value by 2 and add it to the FCM EFORd (Weighted) value that is in the Total Row.

Monthly Rows

REPORT COLUMN	DESCRIPTION
Month	Associated Month for Data Reporting.
Attempted Starts	Number of Attempted Starts reported for the month by the Customer.
Actual Starts	Number of Actual Starts reported for the month by the Customer.
Service Hours	Sum of Service Hours for the month as calculated based upon the Event and Performance Data.
Weighted Service Hours	Sum of the Service Hours weighted by the Hourly Weighting Factors (0, 1, 20, 40).
Forced Outage Hours	Sum of Forced Outage Hours for the month as calculated based upon the Event (U1, U2, U3 and SF Event Types) and Performance Data.
Weighted Forced Outage Hours	Sum of the Forced Outage Hours weighted by the Hourly Weighting Factors (0, 1, 20, 40).
Number of Forced Outages	Number of Forced Outage Events that occurred within the month as reported by the Customer
Equivalent Forced Outage Hours	Sum of Forced Outage Hours for the month plus the sum of Derated Hours based upon the Event (D1, D2 and D3 Event Types) Data
Weighted Equivalent Forced Outage	Sum of Forced Outage Hours for the month plus the sum of Derated Hours based upon the Event (D1, D2 and D3 Event Types) Data
Available Hours	Sum of Available Hours for the month as calculated based upon the Event and Performance Data.
Reserve Shutdown Hours	Sum of Reserve Shutdown Hours for the month as calculated based upon the Event and Performance Data.
Standard EFORd	Standard EFORd as calculated per Manual 20 Attachment F Section F.1.3.1 for the month. In cases where the resource was not active for a month, the Class Average for the resource will be displayed as the value Note: This is for information purposes only.
FCM EFORd (Weighted)	FCM EFORd as calculated per Manual 20 Attachment F Section F.1.3.2 for the month assuming the resource was fully listed. In cases where the resource was not active for a month, the Class Average for the resource will be displayed as the value. Note: This is for information purposes only.

FCM EFORD Demand Statistics Report – Rev 0	
Period Total Rows	
REPORT COLUMN	DESCRIPTION
Month	“Period Total”
Attempted Starts	Sum of Attempted Starts from Monthly Section for the associated Period
Actual Starts	Sum of Actual Starts from Monthly Section for the associated Period
Service Hours	Sum of the Service Hours from Monthly Section for the associated Period.
Weighted Service Hours	Sum of the Weighted Service Hours from Monthly Section for the associated Period.
Forced Outage Hours	Sum of the Forced Outage Hours from Monthly Section for the associated Period.
Weighted Forced Outage Hours	Sum of the Weighted Forced Outage Hours from Monthly Section for the associated Period
Number of Forced Outages	Number of Forced Outage Events that occurred within the associated Period as reported by the Customer: Note: This can be different than the sum of the Monthly values because any Forced Outage that spans multiple months will be counted in each month for purposes of the Monthly EFORD calculations, but only once for the period calculations
Equivalent Forced Outage Hours	Sum of Equivalent Forced Outage Hours from Monthly Section for the associated Period.
Weighted Equivalent Forced Outage	Sum of Weighted Equivalent Forced Outage Hours from Monthly Section for the associated Period.
Available Hours	Sum of Available Hours from Monthly Section for the associated Period.
Reserve Shutdown Hours	Sum of Reserve Shutdown Hours from Monthly Section for the associated Period.
Standard EFORD	Standard EFORD as calculated per Manual 20 Attachment F Section F.1.3.1 for the associated Period.
FCM EFORD (Weighted)	FCM EFORD as calculated per Manual 20 Attachment F Section F.1.3.2 for the period. This reflects the impacts of resource delisting and is the value calculated for just the Period.
Total Row	
REPORT COLUMN	DESCRIPTION
Month	“Total”
Attempted Starts	Sum of Attempted Starts from Period Totals
Actual Starts	Sum of Actual Starts from Period Totals
Service Hours	Sum of the Service Hours from Period Totals Period
Weighted Service Hours	Sum of the Weighted Service Hours from Period Totals
Forced Outage Hours	Sum of the Forced Outage Hours from Period Totals
Weighted Forced Outage Hours	Sum of the Weighted Forced Outage Hours from Period Totals
Number of Forced Outages	Sum of Forced Outage Events from Period Totals
Equivalent Forced Outage Hours	Sum of Equivalent Forced Outage Hours from Period Totals
Weighted Equivalent Forced Outage	Sum of Weighted Equivalent Forced Outage Hours from Period Totals

FCM EFORD Demand Statistics Report – Rev 0	
Available Hours	Sum of Available Hours from Monthly Section from Period Totals
Reserve Shutdown Hours	Sum of Reserve Shutdown Hours from Period Totals
Standard EFORD	Standard EFORD as calculated per Manual 20 Attachment F Section F.1.3.1 for the entire twelve month period of data.
FCM EFORD (Weighted)	FCM EFORD as calculated per Manual 20 Attachment F Section F.1.3.2 for the period. This is the average of the two periods from the Period Total row ($[\text{Period Total 1} + \text{Period Total 2}] / 2$)