

DAILY GENERATOR DATA TEMPLATE AND VALIDATION RULES

Purpose: Used to specify daily values associated with certain internal generators. This template can be used for data submission in any window.

Users: This template is used by Participants to send their DGD data to the IESO. This template can also be used to view DGD data.

<p>File Header Information: <APPLICATION_TYPE>,<MARKET_TYPE>,<DELIVERY_DATE>,<PARTICIPANT_ID>,<USER_ID>,<VERSION_NO>,<MODE>; ----- *</p> <p>Bid Header Information: <RESOURCE_ID>,<MLP_1>,<MLP_2>,<MLP_3>,<MLP_4>,<MGBRT>,<MGBDT>,<MNSD>,<SCM_FLAG>,<REASON_ID>,"<REASON_DESCRIPTION>;" ----- *</p>

\\Field Formats and Validation Rules:

Field Name	Field Format and Validation Rules
<APPLICATION_TYPE>	"2-char" will be "PM" for Physical Market.
<MARKET_TYPE>	"10-char" will be "DGD" for "Daily Generator Data"
<DELIVERY_DATE>	"8-char" will be NULL. Not used in this context.
<PARTICIPANT_ID>	"12-char" will be the name of participant. Must be a valid participant in the Master File.
<USER_ID>	"12-char" will be the name of user. Must be a valid user in the Master File associated to the Participant.
<VERSION_NO>	"6-char" will be the version of template and will be validated against the current version of the MOS Software. Currently not used.
<MODE>	"6-char" will indicate if the template is used only for testing or if it has real-time data. The valid values for <MODE> are "NORMAL" and "TEST".
<RESOURCE_ID>	"32-char" will be name of resource. Must be a valid resource in the Master File associated with the participant. Must be one of Not Quick Start dispatchable generators. Must not be a Pseudo Unit (PSU).
<MLP_1>	"6-char" (XXXX.X number format) Minimum Loading Point of the PU. This includes MLP1-on-1 for STs that have multiple MLPs. The value must be 0 <= MLP1-on-1 <= MaxGenCap. For an ST associated with a PSU, must be 0 <= MLP <= (MaxGenCap – Duct Firing Capacity) * Minimum(Share%PSU(1),Share%PSU(2), Share%PSU(3), Share%PSU(4))
<MLP_2>	"6-char" (XXXX.X number format) Minimum Loading Point (MLP2-on-1). The column will be used only by STs which are associated with CCP and there are minimum 2 CTs in the CCP. If specified, the value must be MLP1-on-1 < MLP2-on-1 <= MaxGenCap

Field Name	Field Format and Validation Rules
<MLP_3>	"6-char" (XXXX.X number format) Minimum Loading Point (MLP3-on-1). This column will be used only by STs which are associated with CCP and there are minimum 3 CTs in the CCP. If specified, the value must be $MLP2\text{-on-1} < MLP3\text{-on-1} \leq \text{MaxGenCap}$
<MLP_4>	"6-char" (XXXX.X number format) Minimum Loading Point (MLP_4_on_1). This column will be used only by STs which are associated with CCP and there are 4 CTs in the CCP. If specified, the value must be $MLP3\text{-on-1} < MLP4\text{-on-1} \leq \text{MaxGenCap}$
<MGBRT>	"2-char" Minimum Generation Block Run Time. Will be in the range of 0-24. Indicates an hour amount.
<MGBDT>	"2-char" Minimum Generation Block Down Time. Will be in the range of 0-24. Indicates an hour amount.
<MNSD>	"2-char" Maximum Number of Starts per Day. Will be in the range of 1-24.
<SCM_FLAG>	"1-char" DGD Single Cycle Mode Flag. Values are "Y" or "N" are valid. Otherwise NULL (nothing) must be entered.
<REASON_ID>	"2-char" Reason Identifier. Values are "T" or "NT" are valid. Otherwise NULL (nothing) must be entered.
<REASON_DESCRIPTION>	"128-char" Text Description. This description is required whenever a Reason_ID is given by the MP.