DSGS Option 4 Seasonal Capacity Nomination Technical Guide

1   Objective

DSGS Option 4 monthly capacity nominations are composed of two parts: (1) per-device average load reduction commitment and (2) device enrollment. Per device load reduction commitments are submitted at the beginning of the program season in the "Seasonal Capacity Nomination" file, and device enrollments are submitted and updated monthly in the "Monthly Participant Enrollment Report" file.

The objective of this document is to detail the information that must be submitted by DSGS Option 4 providers to define the seasonal, per-device average load reduction commitments (aka "Seasonal Capacity Nomination").

2   Submission Guidelines

No later than three business days before the first month of program participation, VPP aggregators must submit the "Seasonal Capacity Nomination" file with per-device average load reduction nominations for each month of the season (May-October).

3   File Formats

Capacity reports must be submitted in Tab-Separated Values (TSV) file format. In TSV format, individual fields (columns) are separated by tab characters.

4   File Naming

Participation Files will be named in the following format:

{ProgramName}-{ProviderID}-Nominations.tsv

File Name Element	Description
ProgramName	For DSGS Option 4, the program name must be "DSGS_OPTION_4".
ProviderID	The Provider ID is the three-digit code given to each provider that uniquely identifies the provider's company.

Note that we are requesting duplicate information in the file name and file body for validation purposes to ensure the right file is being submitted. Also note file extensions must be tab separated (tsv).

An Example Option 4 capacity file name would be: DSGS_OPTION_4-ABC-Nominations.tsv, where "ABC" is the providers unique code.

5 Capacity Nomination Data Fields

The following table lists the individual data fields required in the Seasonal Capacity Nomination. Each table row is a column in the data file. The header row in each file must contain the exact name listed in the "Column Name" values. All fields must be supplied, even if they are optional and their values are blank. All values provided must follow the corresponding specified description. The columns must appear from left to right in the order in which they appear in the table and be separated by tab characters.

Column Name	Type	Description
Program_Name	string	The value must be "DSGS_OPTION_4"
Provider_ID	string	The 3-letter code provided by DSGS to uniquely identify the provider.
UDC	string	The Utility region of the resource aggregation. Must be one of: • "SCE" • "SDGE"
Average_Device_Load_Nomination	decimal	A per-device average load reduction estimate (kW). For weather-sensitive resources, see UDC Planning Temperatures below.
Month	string	The year and month of the nomination. The format must be in YYYY-MM of the resource capacity estimation. For example, the month of May in 2025 would be entered as "2025-05".
Resource_Type	string	The resource type of the device. Options include: • "THERM" • "HVAC" • "HPWH" • "ELWH" • "EVSE" • "BTMB" • "SMEP" Descriptions for the resource type abbreviations are found in Section 6.1.

6   Additional Clarifications

6.1   Resource Type

The following mapping gives a description of the submitted resource abbreviations.

Resource Abbreviation	Resource Description
THERM	Smart Thermostat HVAC with only Run-Time Data
HVAC	Smart Thermostats HVAC with Meter Data
HPWH	Heat Pump Water Heater
ELWH	Electric Resistance Water Heater
EVSE	Electric Vehicle Supply Equipment
BTMB	Stationary Behind the Meter Battery
SMEP	Smart Electrical Panels

6.2   UDC Planning Temperatures for Weather-Sensitive Resources

For weather-sensitive resources, committed load reductions should reflect resource capabilities at the planning composite temperatures in Table 5, as defined in Section F.2 (Performance Evaluation) of the Program Guidelines. Peak composite temperatures in recent years are provided for reference.

Table 5: UDC Planning and Historical Peak Composite Temperatures Planning UDC[1]

	TEMP (ºF)	2020	2021	2022	2023	2024
SCE	**91.3**	92.9	84.4	92.6	85.3	92.1
SDG&E	**87.0**	87.4	80.2	86.2	80.3	89.2

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[1] Demand Side Grid Support (DSGS) Program Guidelines, Fourth Edition. Pg 39.