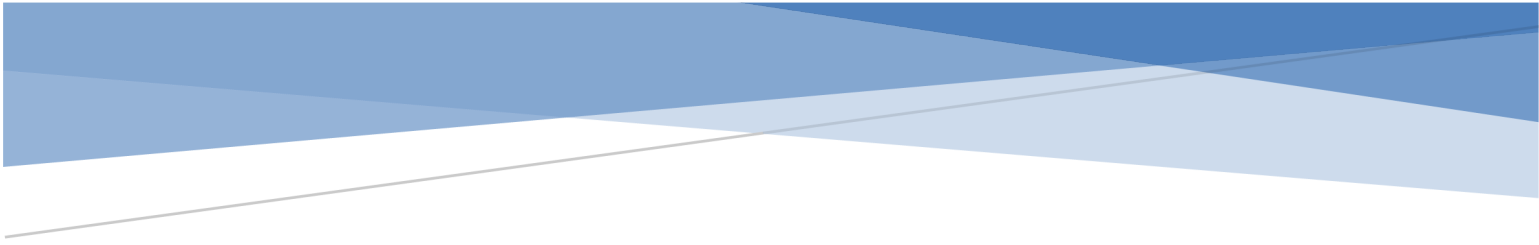


DOCKETED

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Project Title:	NorthTown Backup Generating Facility (NTBGF)
TN #:	269594
Document Title:	GIC San Jose LLC Supplemental Responses to DR Set 1 - NTBGF
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SUPPLEMENTAL RESPONSES TO CEC STAFF DATA REQUEST SET 1

NorthTown Backup Generating Facility (25-SPPE-02)

SUBMITTED TO: CALIFORNIA ENERGY COMMISSION

SUBMITTED BY: GIC San Jose LLC

April 2026



INTRODUCTION

Attached are GIC San Jose LLC (GIC San Jose) Supplemental Responses to responses to California Energy Commission (CEC) Staff Data Request Set No. 1 (Project Description 1 through 6) for the NorthTown Backup Generating Facility (NTGBF) Application for Small Power Plant Exemption (SPPE) (25-SPPE-02).

The Data Responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as Staff presented them and are keyed to the Data Request Numbers. Additional tables, figures, or documents submitted in response to a data request (e.g., supporting data, stand-alone documents such as plans, folding graphics, etc.) are found in Attachments at the end of the document and labeled with the Data Request Number for ease of reference.

For context, the text of the Background and Data Request precede each Data Response.

PROJECT DESCRIPTION

BACKGROUND: Project Description

The NorthTown Backup Generating Facility (NTBGF) includes an onsite substation with two 115 kV electrical supply lines proposed to be connected to the to be permitted PG&E switching station. This switching station would be expanded to accommodate the NTBGF. Staff requires a complete description of the NTBGF interconnection to the PG&E transmission grid and the reliability of the PG&E grid in order to understand the potential operation of the back-up generators.

DATA REQUESTS

DR PROJECT DESCRIP-1 Please provide a detailed expanded PG&E switching station one-line diagram with the proposed project interconnection. Show all equipment ratings including bay arrangement of the breakers, disconnect switches, buses, underground cable tie-line, line rating, and other equipment.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-1

PG&E provided the information contained in Attachment DR PROJ DESCRIP-1. It does not include the detail requested which is not required for Staff to evaluate potential environmental impacts in its CEQA document.

DR PROJECT DESCRIP-2 Please provide the underground cable name, type, current carrying capacity, length, and the underground cable size for the two 115 kV transmission lines which would connect the project substation to the PG&E switching station.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-2

PG&E has not reached the level of design necessary to be responsive to this request. The information requested is not necessary for a legally sufficient CEQA analysis.

DR PROJECT DESCRIPT-3 Please provide configurations showing trench requirement and conduit spacing.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-3

PG&E responded that the conduit spacing will be approximately 15 feet apart.

DR PROJECT DESCRIPT-4 Please provide overhead take off structure configuration and measurement that would support the 115 kV line.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-4

PG&E has not designed the specific structures for the project but estimates that all of the transmission towers and poles will not exceed 125 feet as also reported to the CEC for the Microsoft SJ04 Project.

DR PROJECT DESCRIPT-5 Please provide information that reviews the frequency and duration of historic outages or service interruptions on the 115 kV systems that would serve the proposed project and related facilities that would likely trigger the loss of electric service to the proposed onsite substation and could lead to the emergency operations of the diesel-powered generators. This response should identify the reliability of service historically provided by PG&E to similar customers in this part of its service territory.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-5

PG&E provided the information in Attachment DR PROJ DESCRIPT-5.

DR PROJECT DESCRIPT-6 Please explain whether adding the NTBGF would cause any overloads to the PG&E transmission system which would require upgrades to the existing transmission or distribution networks.

SUPPLEMENTAL RESPONSE TO DR PROJ DESCRIP-6

No upgrades beyond the interconnection facilities identified in the SPPE Application and the Revised Project Description Option 1 were identified as necessary for PG&E to provide service to the NorthTown Data Center buildings.

ATTACHMENT DR PROJ DESCRIP-1

PG&E Switching Station General Arrangement

ATTACHMENT DR PROJ DESCRIP-5

PG&E Response to Frequency of Outages

Emergency Operations

In addition to running the generators for routine maintenance and periodic testing, as described in the previous section, the generators will run when power is interrupted from PG&E.

The Project will derive power from the PG&E Trimble Substation and the PG&E Newark Substation. The Project will not experience an interruption of power as long as either of the two substation sources is available.

Over the last 10 years, the PG&E Trimble Substation has recorded the following power outages:

Outage Date	Start of Outage	Duration of Outage
02/04/18	01:42PM	103 Minutes
04/04/18	02:43PM	60 Minutes
12/14/20	07:00AM	2 Hours 47 Minutes
11/22/21	04:20AM	1 Minute

Source of Information: PG&E internal records.

Over the last 6 years, the PG&E Newark Substation has recorded the following power outages:

Outage Date	Start of Outage	Duration of Outage
03/11/16	12:14PM	19 Minutes
12/22/16	05:11PM	24 Hours 21 Minutes
04/15/17	12:11PM	108 Minutes
07/08/17	09:01AM	1 Minute
09/27/17	09:06AM	75 Minutes
01/18/20	04:11PM	81 Minutes
08/16/20	07:29AM	1 Minute
06/13/21	12:19AM	31 Minutes
07/18/25	5:00AM	36 Hours 16 Minutes

Source of Information: PG&E internal records.

Based on this information, the Project would not have experienced a utility power interruption over the last 10 years because one of the two substation sources of power have been available during this time. If this pattern were to hold true for first 10 years of the Project's operation, it is not expected that the backup generating facilities would be required to run due to a utility power outage.

Therefore, emergency operation of the emergency generator facilities is anticipated to be infrequent and is not foreseeable.