

DOCKETED

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TN #:	268224
Document Title:	CEC_Data Response_Enterprise Worker Safety and Fire Protection_Supplemental Information
Description:	Response to Data Request for Enterprise Emergency Peaker Project, Docketed Date 11/4/2025.
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Enterprise Emergency Peaker (01-EP-10C) Enterprise BESS Project

CEC Hazardous Materials Management/Worker Safety
and Fire Protection Data Request
Response No. 2, Supplemental Information for
DR-18, -20, -21, and -22

prepared for

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prepared by

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January 2026

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1 Introduction

On November 4, 2025, Enterprise BESS, LLC (Applicant) received a second Data Request (Data Request No.2) from the California Energy Commission (CEC) for the Enterprise Emergency Peaker Project (01-EP-10C) in response to the Applicant's petition to amend (TN# 255290, March 18, 2025) for the Enterprise BESS Project. On December 29, 2025, the Applicant provided responses to the CEC's Data Request No. 2 via the CEC's online docketing system. The following document includes the Applicant's initial and/or supplemental/revised responses to Data Request (DR) 18, -20, -21, and -22, thus completing the Applicant's responses to DR-18, -20, -21, and -22. These responses supersede the corresponding responses provided on December 29, 2025.

The responses are grouped by individual discipline or topic area and are presented in the same order and with the same numbering provided by the CEC. The responses included in this document are considered complete responses to the corresponding Data Requests.

2 Worker Safety and Fire Protection

2.1 Data Request-18, -20, -21, and -22

Data Request-18, -20, -21, and -22

Proposed fire protection systems are discussed starting on page A-46 under the Public Services/Fire Protection analysis. The applicant described fire safety and fire-fighting related requirements recommended by the City of Escondido Fire Department during the original licensing proceeding for the Enterprise Emergency Peaker Project. The applicant stated on page H-6, “An existing City fire hydrant is located 75 feet to the east of the eastern site entrance on Auto Park Way.”

Staff requires additional information on how the applicant has addressed current recommendations by the City of Escondido Fire Department regarding fire safety of the proposed Enterprise BESS Project.

- **DR-18:** Provide plans and/or a description of the amount and hydraulic performance of the existing City fire hydrant(s).

Initial Response: Coordination with Rincon del Diablo Municipal Water District is in-progress to determine the hydrant hydraulic performance.

Supplemental Response: The results of the flow test conducted by Rincon del Diablo Municipal Water District on December 17, 2025 is presented in Appendix A. The flow test determined that at peak demand, the existing water system is capable of providing a fire flow discharge of 2,750 gallons per minute (gpm) @ 20 pounds per square inch (psi) in the vicinity of the project site. The flow test also determined the water system is capable of simultaneously providing 2,750 gpm at a nearby dual fire location for a total of 5,500 gpm. A fire flow of 2,000 gpm with the redundant fire results in a residual pressure of 69 psi at the project location. See Appendix A for the test details and results.

- **DR-20:** Provide a schematic of the water-based fire protection system for the site of the BESS project and a detailed description of these systems, such as locations of fire water pipeline, fire water storage tanks, fire pumps, fire hydrants, etc.

Revised Response: Given the proximity of the BESS facilities to nearby fire hydrants/risers with adequate pressure and flow capabilities, no onsite fire water pipelines, tanks, pumps or hydrants are warranted or planned. All onsite BESS facilities are well within the Escondido Fire Department threshold of 400 feet from the closest fire hydrant on Auto Park Way.

- **DR-21:** Confirm whether the existing fire hydrant(s) satisfies the installation and performance requirements of the City of Escondido Fire Department as required for continued conformance with Condition of Certification PUB SER-2.

Initial Response: This will be addressed once fire flow testing has been performed to determine the available flow and pressure at the hydrants and fire riser. Coordination with Rincon del Diablo Municipal Water District is in-progress to determine the hydrant hydraulic performance.

Supplemental Response: Fire flow testing was performed on two fire hydrants near the Project site on December 17, 2025, by the Rincon del Diablo Municipal Water District (Appendix A). Both hydrants passed the fire flow test and have satisfied the installation and performance requirements of the City of Escondido’s Fire Department. Because the two fire hydrants passed

the flow test and are supported by the same water line as the fire riser mentioned above, the riser was not assessed and is considered to have also passed flow testing.

- **DR-22:** Provide a complete description of the proposed measures for supplying additional fire water supply during extended emergency conditions.

Initial Response: During our coordination with the City of Escondido Fire Department, the Fire Department expressed a preference not to have a hydrant inside the BESS facility. They do require at least one fire hydrant within 400 feet of the BESS containers. Two hydrants are currently within 400 feet of the facility, including one street hydrant approximately 75 feet east of the site boundary on Auto Park Way. There is also a Fire Riser directly in front of the facility. Pressure and flow testing has been scheduled for the hydrants and the fire riser with Rincon del Diablo Municipal Water District to determine their effectiveness.

Supplemental Response: The results of the flow test conducted by Rincon del Diablo Municipal Water District (Appendix A) determined fire hydrant number 429 and the associated water main to be adequate for the project site, including with consideration of a dual fire.

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Appendix A

Results of Fire Hydrant Flow Testing



No. 74

FIRE FLOW AVAILABILITY FORM

FOR

RINCON DEL DIABLO MUNICIPAL WATER DISTRICT

SECTION A: TO BE COMPLETED BY CUSTOMER

PROJECT NAME:	Andreas Romero / Middle River Power	SR#:	_____
			(Assigned upon plan submittal)
PROJECT ADDRESS:	2361 Auto Park Way	CITY:	Escondido
PHONE:	(480) 335-1192 (aromero@mrgenco.com)	FAX NUMBER:	() _____
Largest Building (ft. ²):	_____	Sprinkled?	_____
		Construction Type:	_____

SECTION B: TO BE COMPLETED BY LOCAL WATER COMPANY OR CONSULTANT. CUSTOMER TO PROVIDE RESULTS TO CITY FD.

Water Purveyor: Rincon del Diablo Municipal Water District

Location of test (reference map required): Auto Park Way east of Citracado Pkwy

TEST INFORMATION IS VALID FOR 6 MONTHS FROM DATE PERFORMED

Flow Test Results		
Static pressure:	<u>111</u> PSI	Hydrant Number (if applicable): <u>429</u>
Elevation of test:	<u>702</u> Feet	Main Diameter: <u>8</u> INCH
Service Area:	<u>ID-1 South (958' HGL)</u> Feet	
Total Flow:	<u>2,000</u> GPM	Residual Pressure <u>69</u> PSI

The District requires a dual fire in the vicinity of the original fire, except in the Escondido Research and Technology Center (ERTC) area along Citracado Parkway. For this Project, a dual fire was placed along an existing 10-inch main in Enterprise Drive east of Borra.

At peak demand, this water system is capable of providing a fire flow discharge @ 20 psi in the vicinity of the fire of 2,750 gpm onsite and 2,750 at the dual fire location, for a total of 5,500 gpm. The requested fire flow of 2,000 gpm with the redundant fire results in a residual pressure of 69 psi at the project location.

¹ Test to be performed as close as possible to the time the most conservative flows and pressures are expected.

Note: If the water availability information was obtained in a manner other than a flow test (i.e. computer modeling), fill out the information above as applicable and check here:

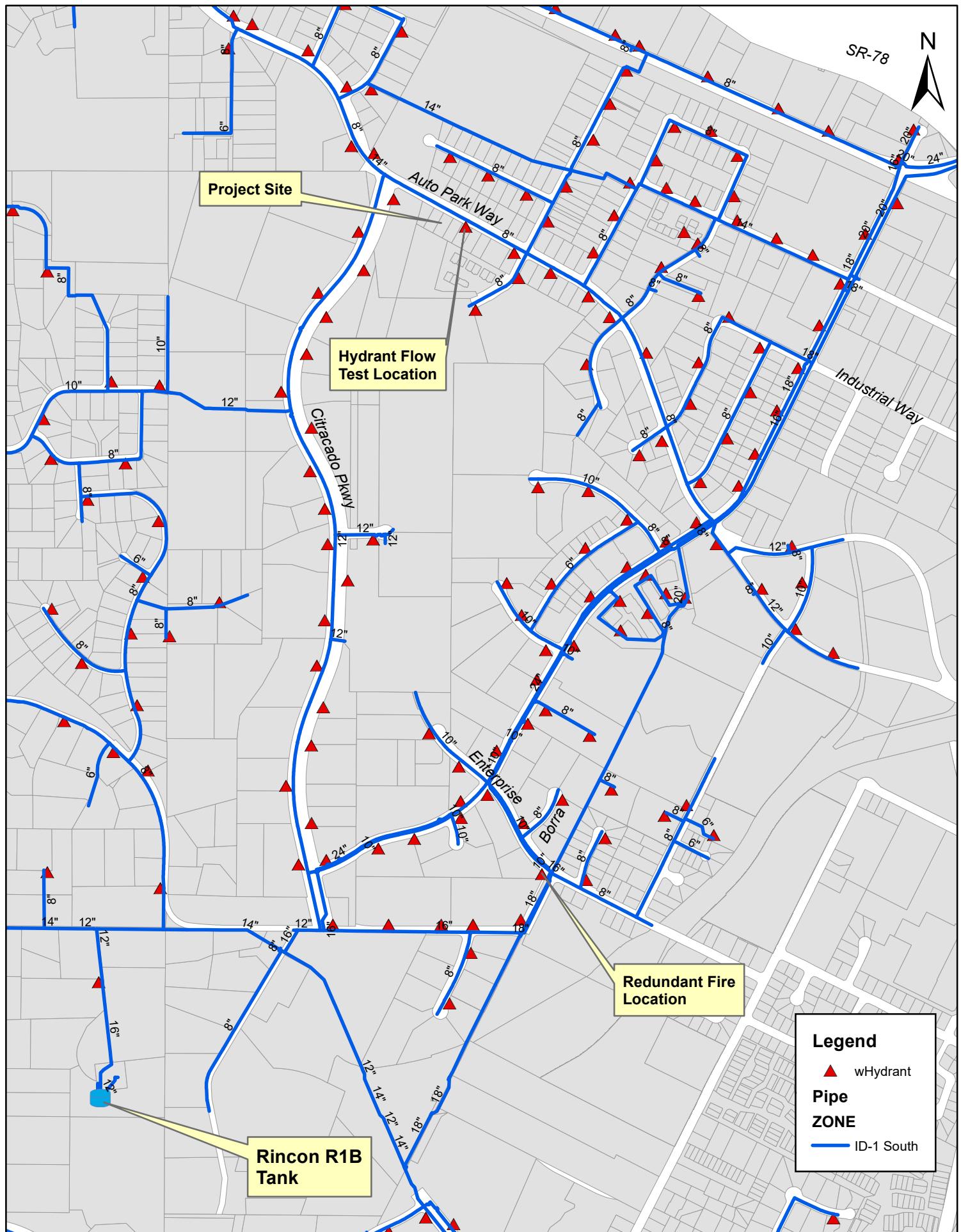
Name: Jennifer R. Mael, P.E.

Eng. Lic. No. (if applicable): C69606

Signature:

Title/Org: Project Manager

Date: 12/17/2025



Water System
#74 2361 Auto Park Way - Fire Flow Analysis