



Item 6: Small Power Plant Exemption (SPPE) for Lafayette Backup Generating Facility (Docket 20-SPPE-02)

November 8, 2023, Business Meeting

Eric Knight, Siting and Environmental Branch Manager
Siting, Transmission and Environmental Protection Division



Lafayette Backup Generating Facility



Photo simulation showing proposed data center. Source: Digital Realty Revised Project Description to Conform to Data Responses and PCC – LBGF – Part I, A 3.0, TN 248684



Project Details

- Located in city of Santa Clara
- Data Center
 - 3-story 576,120 square foot building
- 99.8-megawatt (MW) Backup Generating Facility
 - 44 3.0-MW generators
 - 1.0-MW generator
 - Connects to new electrical distribution substation



Source: LBGF SPPE Application - Part I, Figure 1.2-3, TN 233041-1



Major Milestones

- Received SPPE application – May 20, 2020
- Circulated the Notice of Preparation of an Environmental Impact Report (EIR) – August 4 to September 6, 2021
- Published Draft EIR – April 7, 2023
- Published Final EIR – October 13, 2023
- Filed Executive Director's Recommendation – October 13, 2023
- Presented at CEC Business Meeting – November 8, 2023



Staff Recommendation

Approve Order:

- Certifying the Final Environmental Impact Report
- Adopting the Mitigation Monitoring and Reporting Program
- Granting the Small Power Plant Exemption