

DOCKETED

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SILICON VALLEY POWER

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SILICON VALLEY POWER
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Form 1.1 RETAIL SALES OF ELECTRICITY BY CLASS OR SECTOR – Enclosed is Silicon Valley Power’s (SVP) historical breakdown of retail sales by class by fiscal year. Data under street lighting includes all energy sold under SVP’s municipal and unmetered accounts. SVP does not forecast sales by customer class and does not use this data in its forecast. Rather, SVP forecasts sales in total, because SVP’s small size (relative, for example, to PG&E) and customer make-up (87% industrial) permits this forecast simplification without unduly affecting forecast accuracy or usefulness.

Form 1.2 DISTRIBUTION AREA NET ELECTRICITY GENERATION LOAD – Enclosed is SVP’s submission, which is derived from Form 1.1. Only total system load information, including losses is provided. Data is reported by fiscal year. All other requested information identified in the form is not available.

Form 1.3 LSE COINCIDENT PEAK DEMAND BY SECTOR - Data is not available by sectors as identified in the form. SVP does not break up coincident peak demand by sector and does not use this information in its forecast methodology. SVP produces and uses a forecast for total system peak loads. Historical and forecasted total system peak loads is provided.

Form 1.4 DISTRIBUTION AREA COINCIDENT PEAK DEMAND - Data is not available by distribution areas as identified in the form. Historical and forecasted total system peak loads is provided. SVP serves only the city of Santa Clara, which is one homogenous distribution area, and does not break up coincident peak demand into other distribution areas.

Form 1.5 PEAK DEMAND WEATHER SCENARIOS - SVP’s load forecasts are not weather-adjusted. By applying an average load factor to the forecasted monthly energy values, weather effects are inherently averaged.

Form 1.6a RECORDED HOURLY LOADS and FORECAST LOADS FOR 2015 - Attached are SVP’s recorded hourly system loads for calendar years 2013, 2014. The forecasted hourly loads for calendar year 2015 is in a format produced by our software.

Form 1.6b HOURLY LOADS BY TRANSMISSION PLANNING SUBAREA – Data is not available as identified in the form.

Form 1.6c RESIDENTIAL LOADSHAPES – Data is not available as identified in the form.

Form 1.7 LOCAL PRIVATE SUPPLY BY SECTOR OR CLASS – There is one significant private cogenerator in SVP territory, which sells any output in excess of the cogenerator’s native load requirement to PG&E. SVP provides wheeling and standby electric service to this cogenerator. SVP’s demand forecast reflects this cogenerator only to the extent that this

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cogenerator's use of our standby electric service arrangement is reflected in historical data. There are also a limited number of photovoltaic installations in SVP territory. Their impact on historical results is minimal, and we do not explicitly reflect them on a forecast basis.

Form 1.8 PHOTOVOLTAIC INTERCONNECTION DATA – See attached form.

Form 2.1 PLANNING AREA ECONOMIC AND DEMOGRAPHIC ASSUMPTIONS - SVP has selected data available for submission. SVP will use all relevant demographic and economic information, as well as its historical system growth and specific “block load” service requests in formulating its forecasts (see SVP's response to Form 4).

Form 2.2 ELECTRICITY RATE FORECAST – SVP does not use electric rate or gas price forecasts to develop its demand forecast. Rather, the most relevant economic input is historical system growth and specific “block load” service requests (see SVP's response to Form 4).

Form 2.3 CUSTOMER COUNT & OTHER FORECASTING INPUTS – SVP does not forecast future customer count, and does not use these variables to develop its forecast. However, SVP has selected information available for submission. Historical average number of customers per year has been provided to fulfill the request identified in the form. Category “Other Inputs” includes unmetered and municipal customers.

Form 3.2 EFFICIENCY - CUMULATIVE INCREMENTAL IMPACTS – See attached form. Information is provided on a fiscal year basis.

Form 3.3 DISTRIBUTED GENERATION - CUMULATIVE INCREMENTAL IMPACTS – Data is not available as identified in the form.

Form 3.4 DEMAND RESPONSE - CUMULATIVE INCREMENTAL IMPACTS – Data is not available as identified in the form.

Form 4 REPORT ON DEMAND FORECAST METHODS AND MODELS – See attached report entitled –**SVP Energy and Demand Forecast Report 2015**. This report explains the conceptual basis of the adopted forecast used during our budget process, describes the electricity demand components and all necessary information and assumptions in the development of the forecast.

Form 5 COMMITTED DEMAND-SIDE PROGRAM METHODOLOGY – See attached report entitled – **Energy Efficiency and Renewable Results for Fiscal Year 2013-2014**.

Form 6 UNCOMMITTED DEMAND-SIDE PROGRAM METHODOLOGY - See attached report entitled – **Energy Efficiency and Renewable Results for Fiscal Year 2013-2014**.

Form 7 ESP DEMAND FORECAST – N/A

Form 8 – N/A