**Commercial Offices**

**PROJECT SUMMARY**

1,055 kW total load shed potential approved  
$369,250 incentives  
Peak Day Pricing, Aggregator Managed Portfolio  
Installation in progress  
DR Measure: Energy management system upgrade

**PROJECT DISTINCTIONS**

Advanced HVAC technology  
27% reduction of facility load enabled  
Continuous trade ally relationship (Enerliance)  
Streamlining of review process over time  
Increase approved kW from initial proposal

**KEY CHALLENGES**

Significant 24/7 demand (baseload) > 50% deducted from available baseline  
More complex commissioning and testing of the advanced and sophisticated controls

**FACILITY PROFILE**

<table>
<thead>
<tr>
<th>Building</th>
<th>Sq Ft</th>
<th>Incentive</th>
<th>Load Shed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>446,000</td>
<td>31%</td>
<td>27%</td>
</tr>
<tr>
<td>2</td>
<td>775,000</td>
<td>27%</td>
<td>27%</td>
</tr>
<tr>
<td>3</td>
<td>332,093</td>
<td>34%</td>
<td>27%</td>
</tr>
<tr>
<td>4</td>
<td>430,000</td>
<td>18%</td>
<td>27%</td>
</tr>
<tr>
<td>5</td>
<td>90,348</td>
<td>36%</td>
<td>30%</td>
</tr>
<tr>
<td>6</td>
<td>70,090</td>
<td>26%</td>
<td>27%</td>
</tr>
<tr>
<td>Totals</td>
<td>2,144,021</td>
<td>27%</td>
<td>27%</td>
</tr>
</tbody>
</table>

1San Francisco, CA  
2Incentive as a percent of total project cost  
3Load shed as a percent of total facility demand (non-baseload)
Winery

**PROJECT SUMMARY**
210 kW total load shed potential approved
$25,647 incentives
Peak Day Pricing, Capacity Bidding Program
Project complete
DR measure: shutoff glycol refrigeration loop

**PROJECT DISTINCTIONS**
Project Costs 100% Covered by ADR Incentives
Motivated customer
Experience participating in DR manually
Worked directly with device manufacturer (Gridlink)
ADR Team provided technical guidance

**KEY CHALLENGES**
In-house staff installing ADR controls for first time
Installation schedule extended

**FACILITY PROFILE**

<table>
<thead>
<tr>
<th>Building Description¹</th>
<th>Sq Ft</th>
<th>Incentive²</th>
<th>Load Shed³</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Main Showroom</td>
<td>39,200</td>
<td>100%</td>
<td>58%</td>
</tr>
<tr>
<td>2 Warehouse 1</td>
<td>173,214</td>
<td>100%</td>
<td>83%</td>
</tr>
<tr>
<td>3 Warehouse 2</td>
<td>104,481</td>
<td>100%</td>
<td>84%</td>
</tr>
<tr>
<td>4 Warehouse 3</td>
<td>62,089</td>
<td>100%</td>
<td>60%</td>
</tr>
</tbody>
</table>

¹San Jose, CA
²Incentive as a percent of total project cost
³Load shed as a percent of total facility demand
Retail

**PROJECT SUMMARY**
4,287 kW total load shed potential approved
Capacity Bidding Program
Project complete
DR measure: energy management system upgrade

**PROJECT DISTINCTIONS**
Lighting is large portion of load shed strategy
Developed with PG&E account representative
Project Costs 100% Covered by ADR Incentives
Direct access customer
Self aggregated architecture

**KEY CHALLENGES**
Many sites – 71 similar but unique
Site conditions varied from audit

**FACILITY PROFILE**
71 locations throughout PG&E territory
3,814 kW Lighting load shed approved
473 kW HVAC load shed approved
EMS programming completed by Novar
Large Office

**PROJECT SUMMARY**
221 kW total load shed potential approved
$77,350 incentives
Peak Day Pricing
Project Complete
DR measure: wireless pneumatic thermostats

**PROJECT DISTINCTIONS**
ADR incentives reduced automation upgrade cost
Advanced HVAC technology (Cypress)
DR performance 120% of approved kW in 2014

**KEY CHALLENGES**
Coordinate between thermostat and EMS vendor, customer management team
Efficient facility reduced DR potential and ADR incentives to support upgrade project

**FACILITY PROFILE**
Office tower in San Francisco financial district
570,900 square feet
new wireless thermostats installed on 17 floors
Incentives represent 22% of project costs
Load shed represents 14% of baseline demand
Total funding available: $4,667,105

- Building size and location
- Load Shed Strategy
- Data Authorization Form (provided by Energy Solutions)
- Enrollment form (provided by Energy Solutions)

Program Contacts:

Kitty Wang, Energy Solutions
Senior Project Manager:
(510) 482-4420 x 505
kwang@energy-solution.com

Christine Riker, Energy Solutions
Senior Project Manager:
(510) 482-4420 x 275
Criker@energy-solution.com

Website:
www.pge-adr.com