City of Fullerton
Fullerton, California
Energy Performance Contract

Project Size: 4 buildings, 161,722 sq ft
Project Value: $1,487,875
Source of Funds: Client Financing
Contract Terms: 10 years
Project Schedule: Completed on time

Guaranteed Annual Energy Savings: $73,073 Energy Savings ($57,782 stipulated savings – not guaranteed)

Achieved Summarized Savings:

<table>
<thead>
<tr>
<th>Baselines</th>
<th>kWh</th>
<th>kW</th>
<th>CCF</th>
<th>Water (gal)</th>
<th>Steam (lbs)</th>
<th>Energy $</th>
<th>Non-Energy $</th>
<th>Total Dollars*</th>
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</thead>
<tbody>
<tr>
<td>Baseline</td>
<td>3,519,287</td>
<td>21,120</td>
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ANNUAL SAVINGS

<table>
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<tr>
<th>Year</th>
<th>kWh</th>
<th>kW</th>
<th>CCF</th>
<th>Water (gal)</th>
<th>Steam (lbs)</th>
<th>Energy $</th>
<th>Non-Energy $</th>
<th>Total Dollars*</th>
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<tbody>
<tr>
<td>Construction</td>
<td>765,735</td>
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* Energy Savings + Non-Energy Savings = Total Annual Dollars Saved

Comments: This project is a guaranteed energy savings project with a portion of the total savings being stipulated. This project involved replacing the existing chillers and boilers located at both City Hall and the Main Library and an air handler at the Police Department.

List of Improvements:
- Replaced chillers and boilers
- Replaced air handling unit (AHU)
- Converted AHU’s to variable air volume
- Installed energy management systems
- Retrofit red traffic signals with LED traffic signals
- Retrofit luminaires with T-8 lamps, electronic ballasts with or without specular reflectors
- Installed new high efficiency lighting and drop ceilings
- Installed new gymnasium lighting
- Retrofit incandescent luminaires with compact fluorescent lights
- Installed programmable thermostats
- Replaced rooftop units

Services Provided/Providing: Engineering analysis and design; construction management; commissioning; operator training; monitoring and verification of savings; and savings guarantee.

Reference:
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