



Item C

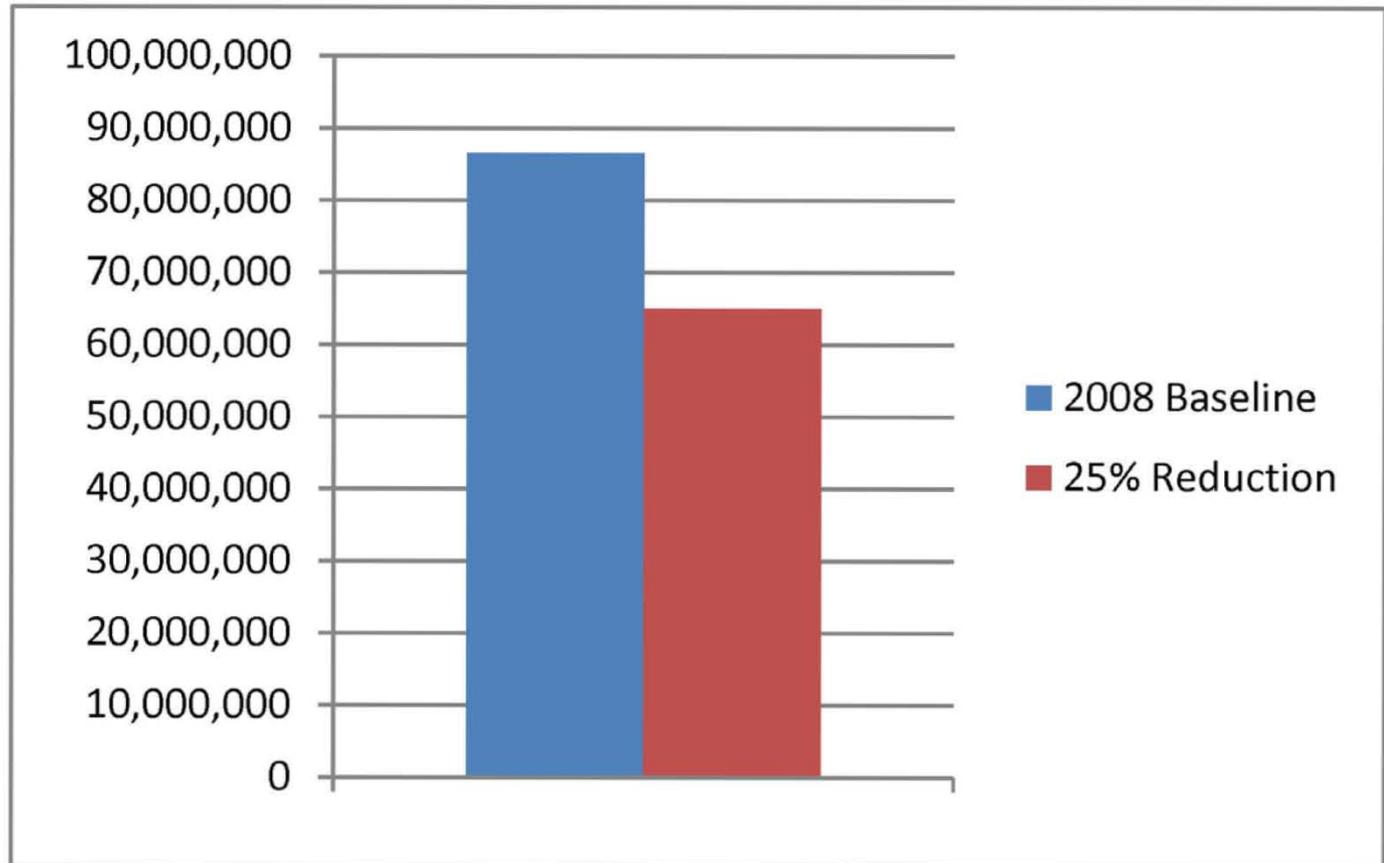
Facility Management Life Cycle Program Update

**Wayne S. Harvey, CFM, LEED-AP
Director, Facilities Management**

September 2, 2010



Water Savings

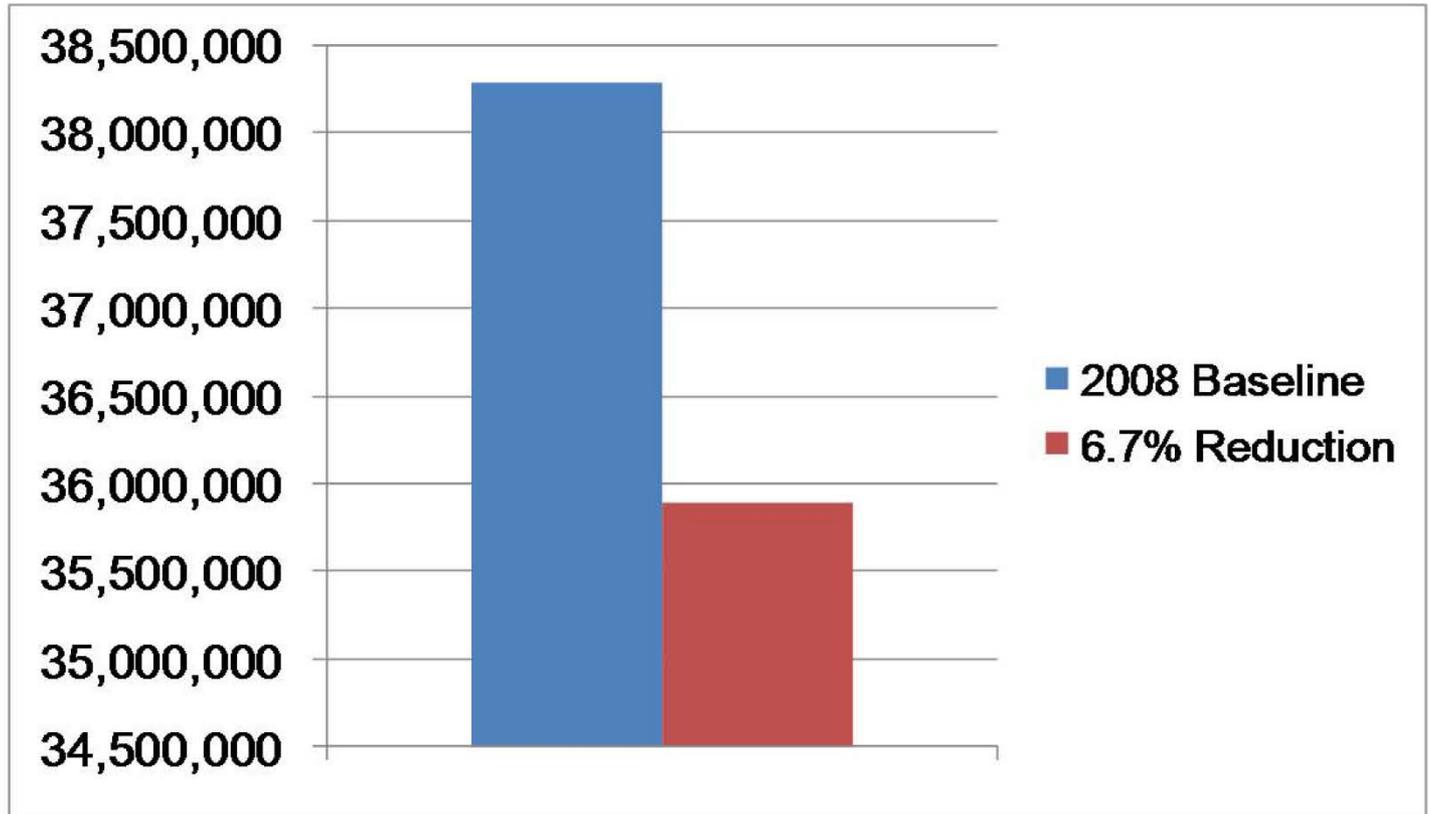


21,621,688 Gallons

1 Year Total



Electrical Savings



2,537,649 kWh

Enough to power 317 homes for 1 year



Commissioning

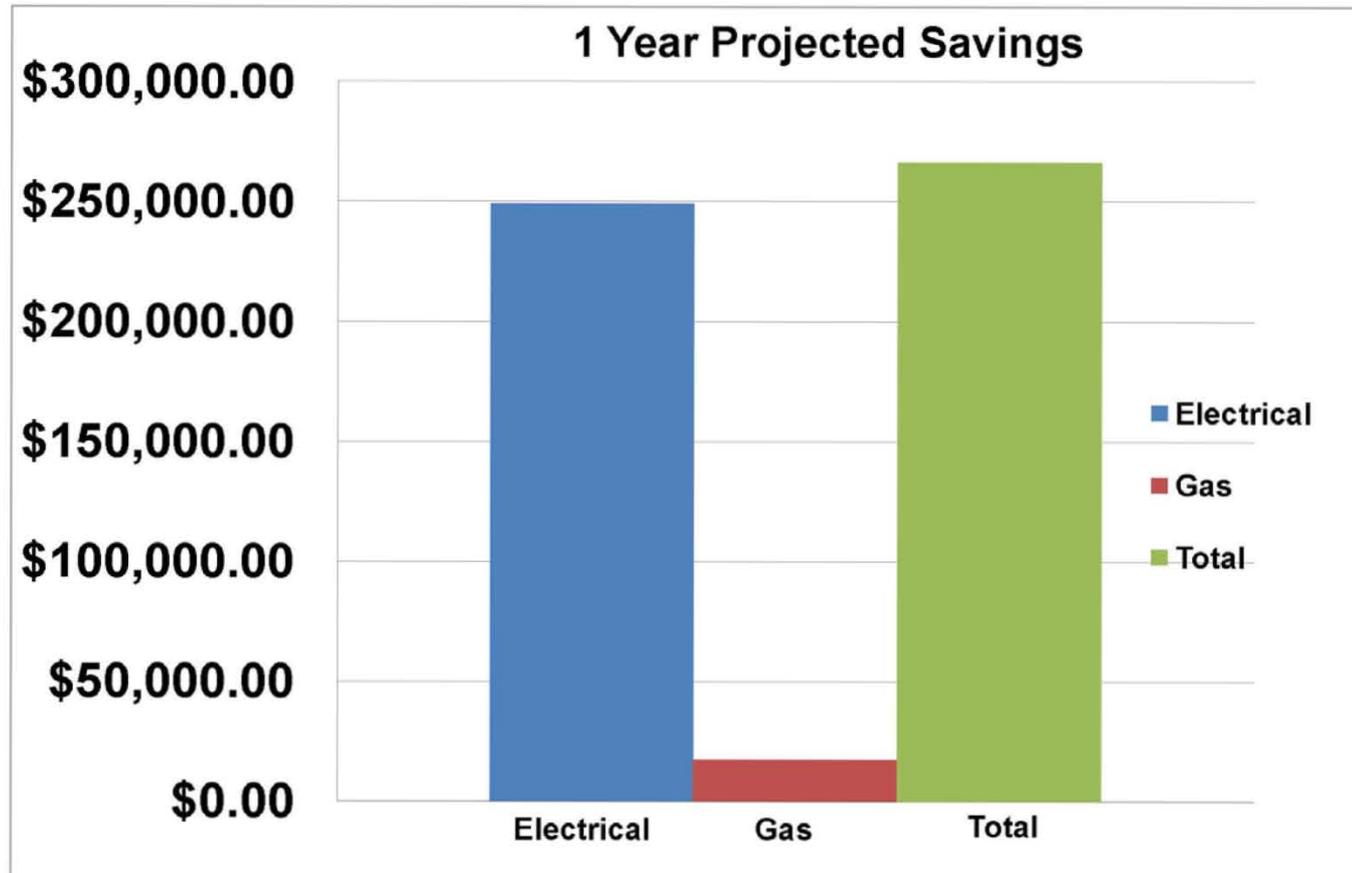
Retro-Commissioning (RCx) Activities

- Central Plant
- Terminal Two West

Process should begin by the end of February
Costs associated with RCx activities will be offset by
incentives from SDG&E
A conservative 5% gain in efficiency will result in a
savings of \$150,000.00 annually.



Commissioning



\$266,419.00



LEED Certification

Pursuing ***SILVER*** LEED-EBOM (Leadership in Energy and Environmental Design – Existing Buildings Operations and Maintenance)

for the Facilities Management building.

Points analyzed at 55 firm with 4 potential.

Silver Certification Requires 50 Points

Title 24 Roofing system installed

Proceeding with porous pavement

Installation of Xeriscape



LEED Certification

Graphics - [Leed-FMD-1]

File Edit View Insert Dynamic Tools Window Help

SIEMENS ENERGY DASHBOARD San Diego International Airport - Facilities Management Building

Current Conditions

Temperature

Outside: 63 / 80 (Scale: 40-100)

Offices: 74 / 80 (Scale: 50-90)

Humidity

Outside: 40 / 60 (Scale: 0-100)

Offices: 20 / 80 (Scale: 0-100)

Carbon Dioxide

Outside: 250 / 750 (Scale: 0-1000)

Offices: 250 / 750 (Scale: 0-1000)

Carbon Footprint (Tons)

0 10 20 30 40 50

Electricity

Month to Date

kWh: 4000 / 6000 (Scale: 0-10000)

kW: 20 / 30 (Scale: 0-50)

Current Week kWh

Day	kWh
Mon	220
Tue	380
Wed	20
Thu	150
Fri	180
Sat	100
Sun	50

Monthly kWh

Month	kWh
Jan	0
Feb	0
Mar	0
Apr	3000
May	7000
Jun	6000
Jul	4500
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0

Gas

Month to Date

cu ft: 500 / 1000 / 1500 (Scale: 0-2000)

Current Week Cubic Feet

Day	cu ft
Mon	40
Tue	55
Wed	10
Thu	45
Fri	35
Sat	20
Sun	30

Monthly Cubic Feet

Month	cu ft
Jan	0
Feb	0
Mar	0
Apr	800
May	1600
Jun	1400
Jul	1000
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0

Water

Month to Date

gals: 1000 / 1500 / 2000 (Scale: 0-3000)

Current Week Gallons

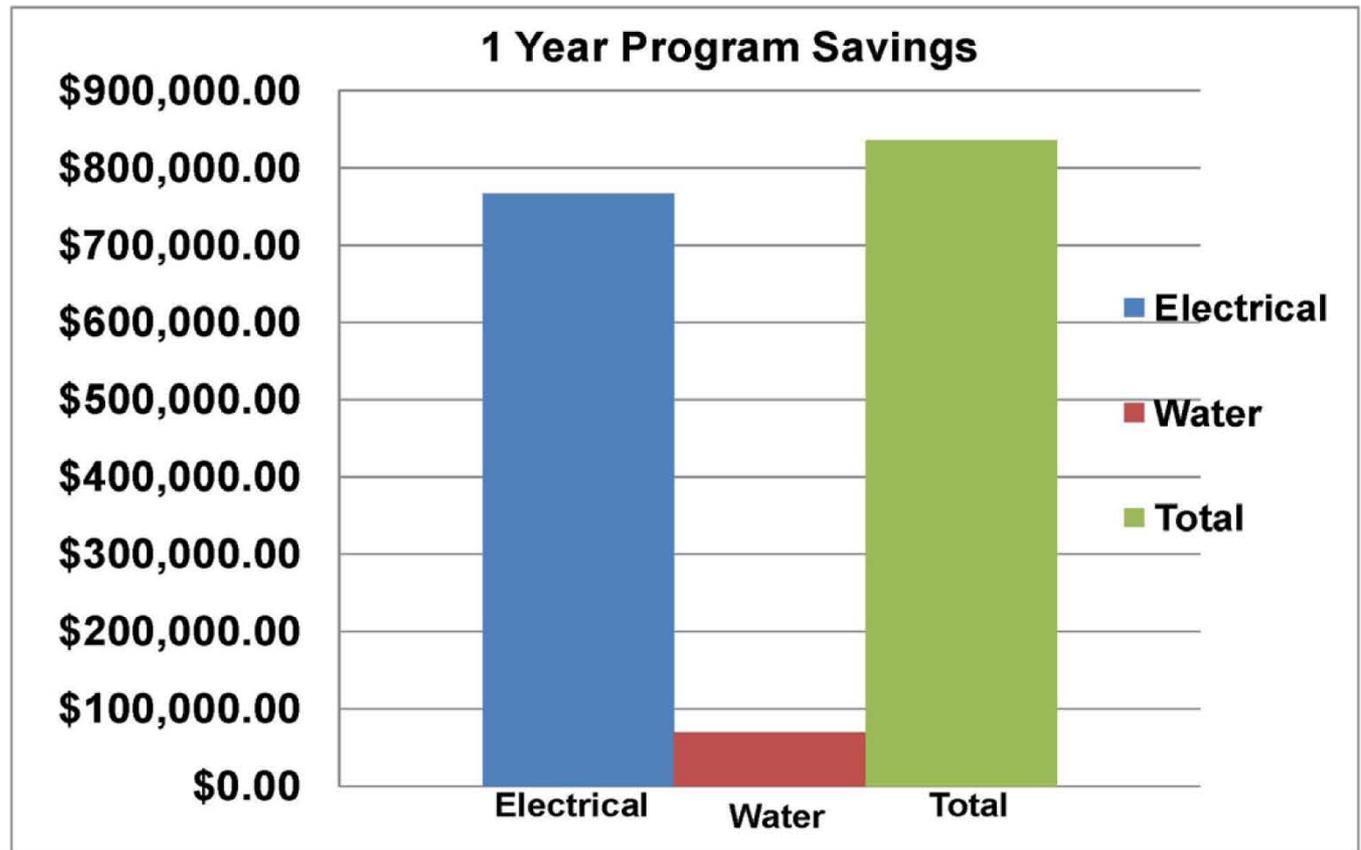
Day	Gallons
Mon	110
Tue	110
Wed	10
Thu	110
Fri	80
Sat	10
Sun	10

Monthly Gallons

Month	Gallons
Jan	0
Feb	0
Mar	0
Apr	1200
May	2500
Jun	2500
Jul	1600
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0



Financial Impact



\$836,024.63

