



PUBLIC/REDACTED

Case Study of Smart Meter System Deployment

Recommendations for Ensuring Ratepayer Benefits

Customer ID: 123456789
Date: 03/01/2012

Maximum demand is 360.0 kW
Reactive usage is 487.0 kVar

Maximum demand is 360.0 kW
Reactive usage is 487.0 kVar

Delivery charges

Facilities related demand 360 kW x \$2.91000 \$1,029.60

Demand - Summer

On peak 288 kW x \$4.33000 x 22/31 days \$5,443.20

Mid peak 252 kW x \$0.81000 x 22/31 days \$450.84

Energy - Summer

On peak 9,076 kWh x \$0.05292 \$480.30

Mid peak 11,910 kWh x \$0.01159 \$138.04

Off peak 12,338 kWh x \$0.01159 \$143.00

Energy - Winter

Mid peak 5,624 kWh x \$0.01159 \$65.18

Off peak 3,634 kWh x \$0.01159 \$42.12

Customer charge \$85.10

Power factor adjustment 487 kVar x \$0.19000 \$92.53

DWR bond charge 42,582 kWh x \$0.00459 \$195.45

(continued on next page)

Your Delivery charges include:

\$272.05 transmission charges

\$2,588.51 distribution charges

\$22.99 nuclear decommissioning charges

\$240.17 public purpose program charge

Franchise fees represent \$71.06 of your total charges

Your Generation charges include

\$8.09 for the Competition

Transition Charge.

DWR provided 21.961% of the energy you used this month.

March 2012

About DRA

The Division of Ratepayer Advocates (DRA) is an independent consumer advocacy division within the California Public Utilities Commission (CPUC) that represents the customers of California's investor-owned utilities. DRA's statutory mission is to obtain the lowest possible rates for utility service consistent with safe and reliable service levels. In fulfilling this goal, DRA also advocates for customer and environmental protections.

Acknowledgements

*William Dietrich
Camille Watts-Zagha*

Chris Danforth – Supervisor/Manager
Cheryl Cox – Policy Advisor
Linda Serizawa – Interim Deputy Director
Joe Como – Acting Director

Cover Design by Karen Ng

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System Deployment
Recommendations for Ensuring Ratepayer Benefits**

by

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March 2012

Table of Contents

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Executive Summary.....	1
I. Introduction and Overview.....	4
II. Background on AMI and SCE's SmartConnect	7
III. Overview of SmartConnect Cost Recovery Process and Realization of Benefits	12
IV. DRA Analysis Methodology	15
V. Findings	18
VI. Recommendations	44
VII. Conclusion	50
APPENDIX 1: Glossary	53

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V. Findings

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Deployment Period Capital Benefits are Not Fully Reflected in Rate Reductions

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Meter Reading Benefits are Not Fully Actualized

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Avoided Capacity Benefits May Not be Achieved



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Alternative Fueled Vehicles

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Energy Efficiency/Integrated Demand-side Management

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VI. Recommendations

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