



Case Study – 2008 Residential Energy Savings

Single Family Residence Tempe, Arizona

PROJECT DESCRIPTION

Ceramic InsulCoat Exterior Wall was applied to 4,000 SF of stucco and trim in January 2008. There were no other improvements made to the property. The Owner, an Architect, then tracked his energy usage for 2008.



According to the NOAA National Weather Service Forecast Office in Phoenix, Arizona¹

For the Climate Record Period of 1895-2008:

- 2008 was tied for 11th warmest year on record
- 2008 was the 28th wettest year on record

Here is the Salt River Project Agricultural Improvement and Power District (SRP) December 2008 statement. The electric utility bill provides a month-to-month comparison for 2008 versus 2007 energy usage.



PO BOX 2950 • PHOENIX AZ 85062-2950
www.srpnet.com

Residential Customer Services

(602) 236-9656

Monday - Friday, 7:00 am - 7:00 pm

Amount Due

\$145.03

Due Date

01/09/2009

Account No.

R

TEMPE

Res Time Of Use Plan
Services
Deposit Paid \$0.00

ELECTRICITY YOU USED

| | | | |
|---------------------------------|------------|-------------|--|
| Meter Read Date | 12/18/2008 | | |
| Meter No | | | |
| Current kWh Read | 33393 | | |
| Previous kWh Read | 32882 | | |
| Energy (kWh) On Pk Used | | 511 | |
| Current kWh Read | 88052 | | |
| Previous kWh Read | 86877 | | |
| Energy (kWh) Off Pk Used | | 1175 | |
| Total kWh Used | | 1686 | |

YOUR ACCOUNT SUMMARY AS OF 12/19/2008

| | | | |
|-------------------------------|----------|----|-----------------|
| Previous SRP Account Balance | \$210.57 | | |
| Payment Rec'd 11/26 Thank you | \$210.57 | CR | |
| Previous Balance | | | \$0.00 |
| Monthly Service Charge | \$15.00 | | |
| On-Peak Energy Charge | \$43.93 | | |
| Off-Peak Energy Charge | \$75.24 | | |
| Tempe City Tax | \$2.41 | | |
| County and State Tax | \$8.45 | | |
| This Month's Charges | | | \$145.03 |
| NEW ACCOUNT BALANCE | | | \$145.03 |

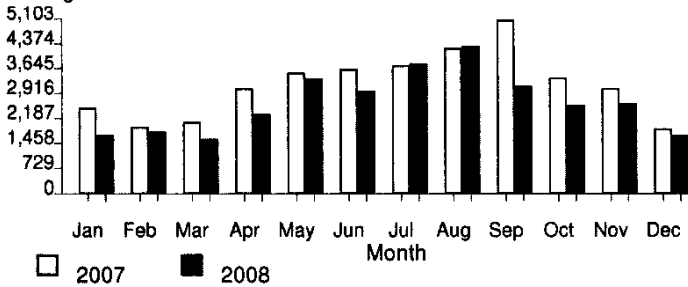
NOTES

- You saved **\$1.60** this month on the Time of Use Plan.
- The Energy Charge includes a Fuel and Purchased Power Adjustment Factor of \$0.03040 per kWh.
- Our goal is to read every meter every month. This bill is based on the actual meter read.

COMPARING YOUR MONTHLY USAGE

| | <u>Days</u> | <u>kWh</u> | <u>Average Daily Cost</u> | <u>Temperature</u> |
|---------------|-------------|------------|---------------------------|--------------------|
| Current Month | 29 | 58 | \$5.00 | 60.4° |
| Last Month | 34 | 77 | \$6.19 | 72.6° |
| Last Year | 31 | 61 | \$4.66 | 60.0° |

kWh Usage



Detach Here



Account No.

Service Address

TEMPE

TEMPE AZ 85284

Detach Here

Past Due After
01/09/2009

Pay This Amount \$145.03
Enter Amount Paid

For SHARE, please add \$1 to your payment.
Payable in U.S. Funds only. Please do not send cash.

Make Check Payable To



PO BOX 2950
PHOENIX AZ 85062-2950



If you have made any changes on the back of this stub please check this box.

¹ NOAA National Weather Service Forecast Office, Phoenix, AZ. Observed Weather Reports, Phoenix, Timeframe: December 2008 [Online]. Available: <http://www.weather.gov/climate/getclimate.php?wfo=psr> (visited 2009, April 6)