

INTEGRATED RESOURCE PLAN – ANNUAL REPORT

Date:

6/27/08

Customers who qualify to submit a Integrated Resource Plan (IRP) to fulfill their IRP requirement must provide an annual update report. Such report shall provide a status update comparing customer achievements to the targeted action items set forth in the initial Plan. Measured values are preferred, but reasonable estimates are acceptable.

To meet your IRP annual reporting requirement, please complete the following:

Customer Contact Information:

(Please provide contact information for your organization. Contact person should be able to answer questions concerning the plan)

| | |
|------------------------|--|
| Customer Name: | Turlock Irrigation District |
| Address: | Post Office Box 949, Turlock, CA 95381-0949 |
| Contact Person: | Willie G. Manuel |
| Title: | Resource Planning Manager |
| Phone Number: | (209) 883-8348 |
| E-Mail Address: | wgmanuel@tid.org |
| Website: | www.tid.org |

Initial IRP – Submission Date:**Capacity and Energy Data for Previous 5 Years (Revise as necessary):**

(Please provide peak demand and total energy for past 5 years. Western can assist with obtaining this data if needed)

| Calendar Year | Peak Demand (kW) | Total Energy (kWh) |
|----------------------|-------------------------|---------------------------|
| 2003 | 406,314 | 1,673,362,455 |
| 2004 | 437,126 | 1,881,841,066 |
| 2005 | 476,110 | 1,945,820,487 |
| 2006 | 533,846 | 2,037,172,993 |
| 2007 | 516,200 | 2,091,013,575 |

Future Energy Service Projections (Revise as necessary):

(Please provide a load forecast to show expected growth or expansion; or a narrative statement concerning expected future growth)

Load Forecast:

| Year | Peak Demand (kW) | Total Energy (kWh) |
|-------------|-------------------------|---------------------------|
| 2009 | 544,900 | 2,227,491,510 |
| 2010 | 557,141 | 2,279,561,606 |
| 2011 | 572,796 | 2,357,849,202 |
| 2012 | 585,161 | 2,409,670,721 |

or Narrative Statement:

N/A

Future Resource Planning (Revise as necessary):

(Please provide a narrative statement that addresses how your organization plans to meet its future requirements using Demand Side Management techniques, new renewable resources or other programs that will provide it with electricity in the most efficient and environmentally sound manner)

N/A

Progress Report of Action Items Implemented Over the Last Year:

(Please provide an update of any Action Items set forth in the initial IRP which was implemented over the last year)

| Demand Side Management Activities | Capacity Savings per year (kW) | Energy Savings per year (kWh) | Planned Expenditure per year (\$) | Actual Expenditure per year (\$) |
|-----------------------------------|--------------------------------|-------------------------------|-----------------------------------|----------------------------------|
| Residential – Clothes Washers | 5 | 11,252 | | \$17,516 |
| Residential – Cooling | 58 | 48,413 | | \$27,626 |
| Residential – Lighting | 213 | 427,775 | | \$16,290 |
| Residential – Refrigeration | 6 | 38,573 | | \$23,864 |
| Non-Residential – Cooking | 21 | 136,503 | | \$16,982 |
| Non-Residential – Cooling | 40 | 136,332 | | \$17,138 |
| Non-Residential – Lighting | 570 | 3,830,494 | | \$357,641 |
| Non-Residential – Motors | 908 | 4,469,005 | | \$528,985 |
| Non-Residential – Refrigeration | 66 | 107,937 | | \$14,956 |
| Total | 1,887 | 9,206,284 | | \$1,020,998 |

| Renewable Energy Activities | Capacity per year (kW) | Energy per year (kWh) | Actual Expenditure per year (\$) |
|--|------------------------|-----------------------|----------------------------------|
| NCPA Geothermal | 7,100 | 59,062,000 | \$3,063,641 |
| La Grange | 1,700 | 15,622,358 | \$1,055,350 |
| Turlock Lake | 3,100 | 9,542,107 | \$148,418 |
| Hickman | 1,100 | 4,171,465 | \$101,941 |
| Upper Dawson | 5,700 | 10,987,855 | \$167,596 |
| Residential Solar Rebates (\$4.00/watt up to 5 kW) | 73 | 78,830 | \$188,587 |
| Total | 18,773 | 99,464,615 | \$4,725,533 |

