

**INFORMATION REQUEST
FOR
ENERGY EFFICIENCY/DEMAND RESPONSE PROJECT***

1. Provide plan or schematic of water system indicating all surface water intakes, wells, treatment facilities, pump stations, pressure-reducing stations, distribution network, service zone configuration, hydroelectric generator facilities, reservoirs, and storage tanks.
2. List of all Wells with the following data for each well:
 - Description of Prime Mover (i.e., electric motor, natural gas engine, etc.)
 - Motor Horsepower.
 - Pump Type
 - Daily Output for previous 2-years.
 - Monthly Electric Bills for previous 2-years.
3. List of all Water Treatment Plants:
 - Plant Process Schematic with Prime Movers identified.
 - Daily Output for previous 2-years.
 - Monthly Electric Bills for previous 2-years.
4. List of Reservoirs:
 - Volume and Level:Storage relationship.
 - Operating Levels (start & stop) for each pump with level control.
 - Overflow Elevation.
 - Control Valve Configuration.
5. List of all Pressure-Reducing Stations:
 - Size of Valve.
 - Pressure, In and Out.
6. List of all Pump Stations:
 - Pump Curve with Normal Operating Range identified.
 - Pump Types
 - Horsepower of each pump.

- Daily Output for previous 2-years.
 - Monthly Electric Bills for previous 2-years.
7. List of all Hydroelectric Generating Facilities:
- Generation Curve with Normal Operating Range identified.
 - Daily Generation for previous 2-years.
8. List of Electric Motor Prime Movers:
- Manufacturer
 - Service Voltage and No. of Phases
 - Full Load Amperage
 - Measured Power Factor
 - Measured Motor Efficiency
 - Operational Data
 - Description of Operational Instrumentation and Data Recording System (i.e., chart recorders, SCADA, etc.)
 - Historical Record of Run Times at ½hr. intervals during summer on-peak period (i.e., May 1st thru October 31st) for previous 2-years.
9. Provide copy of all pump efficiency test results which have been performed within the previous 3-years.
10. Provide list of monthly water consumption data, by service zone and customer type, for the previous 2-year period.
11. Identify applicable Electrical Rate Schedule for each metered facility.
12. Make available for review all pertinent engineering reports and studies.
13. Make available O & M Manuals for all major system facilities.

***NOTE:** *This list represents a comprehensive request for data. It is understood that all requested data may not be available and/or applicable to your system.*
