

## TURNKEY WATER CONSERVATION SERVICES

### Plumbing Fixture Retrofits:

Analysis of water and sewer savings associated with upgrades to existing plumbing infrastructure.

### Meter Right Sizing Opportunity:

Analysis of water meter size to reduce excessive water & sewer base fees.

### Cooling Tower Efficiency and Water Filtration:

Analysis of cooling tower efficiency including review of alternate water sources and treatment.

### Utility Metering:

Analyze utility water meter system for feasibility of AMR retrofit program. Program development, opportunity analysis, small and large meter testing, meter & reading technology selection, meter accuracy analysis, cost avoidance forecasting, data management and full service installation.

### Submetering:

Installation of submeters. (Sewer Abatement, Irrigation Only, HUD and Apartment Submetering)

### Irrigation Analysis:

Analysis of existing irrigation system and current ground watering practices.  
(Central Control, Weather and Climate Monitoring Systems, Flow Controls, Rain Sensors)

### Water Cooled Equipment:

Audit and identification of all water cooled equipment such as ice machine, sterilizers, autoclave, lasers, wet-film processors to water efficient models.

### Solar Domestic Water Heating (Pool Heating and Domestic Water Heating):

Analysis of current boiler/hot water system to determine viability of solar hot water system.

### Alternate Water Sourcing:

Analysis of viable alternate sources of water used for cooling, irrigation and non potable uses.  
(Well Design and Construction, Water Retention Ponds, Underground Springs, Grey Water, Rain Water Harvesting)

### Kitchen Equipment Analysis:

Analysis of kitchen water use to determine efficiency in dishwashing, cooking, food storage, food preparation and garbage disposal.

### Laundry System Analysis:

Analysis of current washing and laundry operation.  
(Ozone, Water Treatment Programs, Water Recycling and Reuse)

### Plumbing Modification, Design and Repipe:

Analysis of existing plumbing system to determine viable alternate methods of water reuse or recirculation.



## COMPANY OVERVIEW

Professional Energy Services, Inc. (PES): a division of Pro Plumbing, is an independent water and energy solutions partner. We work with customers to reduce operating expenses, upgrade and maintain facilities, stabilize energy costs, improve occupancy comfort levels, increase energy awareness and enhance the environment.

PES provides outsourced integrated energy solutions by leveraging our clients' existing operating and energy budgets to pay for their investments in energy efficiency and infrastructure.

Energy contracting is one practical and extremely effective way to finance and install proven energy-efficient technologies and upgrade energy infrastructure. In a period of reduced economic activity, PES distinguishes itself by providing solutions that increase your net operating income.

From individually customized services in building energy audits, project development, project management and installation to complete energy management program, PES has the solution that can be tailored to you. Through guided assistance from our clients, we engineer solutions and then manage the implementation of those energy solutions to ensure our client realizes the projected energy savings.

Professional Energy Services is equipped for the present and preparing for the future through sound technological innovations and creative approaches to energy management and conservation. Through innovative systems, strategies and technologies, our clients' achieve financial gains, the environment benefits because energy and water preservation forms a key factor in our success.

At PES, we implement systems that make conservation not a mere wish, but a reality.

