

Government Grants Can Help You Reduce Energy Costs

Flex Tech (Flexible Technical Assistance) is a NYSERDA (NEW York State Energy Research and Development Authority) program that provides grants that cover up to 50% of study costs related to identifying energy improvements and cost-saving opportunities.

As a NYSERDA FlexTech Contractor, PS&S provides energy studies for Commercial, Industrial and Institutional (C/I/I) organizations throughout New York State. Let us help you reduce your energy costs while also improving efficiencies.

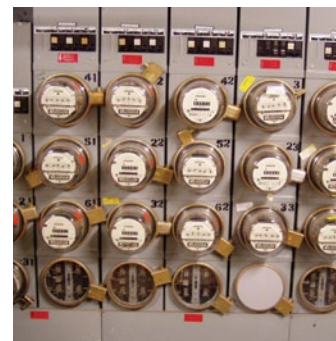


Four major reasons why our customers initiate FlexTech:

- 1** State funds help reduce costs. NYSERDA provides grants that cover up to 50% of FlexTech study costs.
- 2** The application process is simple. Services commence within days of application approval.
- 3** The scope of service is comprehensive. FlexTech provides customers with a complete assessment of current energy consumption along with recommendations to optimize usage.
- 4** FlexTech helps you save money. Implementing improvements identified through FlexTech result in energy cost savings.

Services provided under the FlexTech Program:

- General Feasibility Studies
- Agricultural Technical Assistance
- Carbon Mitigation Studies/Climate Action Plans
- Alternative Fuels
- Energy Procurement (Bid Process & Evaluation)
- Industrial Energy Efficiency
- Data Center Efficiency
- Executive Order 111 Green Buildings
- Combined Heat and Power, Generation and Renewables
- Retro (RCx) and Continuous Commissioning Services
- Water and Wastewater Services
- Energy Advisor/Implementation Assistance Service



For more information on the FlexTech Program and PS&S, please contact **Walter Fedick, PE at 732.584.0339 or wfedick@psands.com.**

Let us help you save money on energy

Energy Audits provide assessments of energy systems and their efficiencies, costs and usage rates. The audit also can study the supply or procurement process to assess the most efficient operation of the plant. Finally, it can include improvement recommendations, including the potential benefits of innovative and alternative energy sources.

Energy Audits are typically followed by more detailed Condition Assessments and Life Extension Studies.

Condition Assessments consider the operating condition of existing utility systems and components, including the electrical and structural aspects of an operations. Maintenance records are studied, component/system failures and overall process performance are tracked to formulate predictive maintenance plans. Condition Assessment findings are included in a report detailing equipment changes necessary to restore the original design conditions or achieve performance benefits greater than the original design.

Life Extension Studies can be combined with Condition Assessments to develop a program to extend the life cycle of utility systems. In these studies, recommendations are included for change-out, upgrade, decommissioning or maintenance schedule of certain components to achieve the desired life extension. Budget estimates are generally included to help the client develop a program that meets its capital and operational budgetary requirements.

Energy Master Plans incorporate the results of these studies, which are then integrated with a Capital Plan. The goal of the Energy Master Plan is to reduce life-cycle costs while maximizing the long-term value of invested capital. The effects of deregulated energy markets are considered in alternative evaluation and equipment selection.

Energy Audits

Energy Accounting - for gas, oil, electric usage

Tariff Rate Analysis - current/future

Commodity Use - current/future

Energy Use - user process

Procurement - utility, ESCO, self-generation

Demand - on/off peak scheduling, fuel switching

Operation - automation, predictive maintenance

Conservation - energy savings/capital upgrades

Life Cycle Costs - analysis of capital requirements

Condition Assessments/ Live Extension

- Equipment Condition
- Visual, operational inspections
- Historical Data
- Operating trends, performance, effectiveness
- Selective Testing
- Component metal thickness, corrosion, combustion efficiency, performance characteristics timeline
- System Operation
- Process review of utility systems
- Life Extension
- Analysis of alternative capital deferment
- Recommendations
- Rehabilitation, upgrade, dismantling and replacement and budgetary pricing



For more information on the FlexTech Program and PS&S, please contact
Walter Fedick, PE at 732.584.0339 or wfedick@psands.com.