



Cut Costs & Improve Your Bottom Line!

Incentives for Increasing Energy Efficiency In Your Business

RENEWABLE ENERGY SYSTEMS FOR YOUR BUSINESS

The demand for electricity, particularly during peak periods, increases the pressure on our existing generating capacity and forces our rates up. To reduce this pressure, incentives are available for commercial and industrial customers to install their own customer-owned generating systems (including renewable energy systems) or projects that conserve electricity or reduce load during peak demand times.

Dr. Benjamin Rivers has a large veterinary practice, hospital, and boarding kennel in southeastern Connecticut. He had

always been interested in alternative energy systems. When the CT Clean Energy Fund (CCEF) started providing rebates for solar installations, Dr. Rivers decided the time was right to invest. Out-of-pocket expenses for the 114 solar panels ran \$43,400 after receiving \$82,000 in state rebates and an \$18,600 in tax credits. His monthly bills are now \$500 a month, rather than the \$1500 a month without the solar panels. Dr. Benjamin is delighted and expects to recoup his investment in less than 5 years.

RENEWABLE ENERGY SYSTEMS FOR YOUR BUSINESS

GRANTS

State of Connecticut Incentives	<p>CT Clean Energy Fund (CCEF) - On-Site Renewable Distributed Generation Program</p> <p>Provides grants to support the installation of renewable energy systems that generate electricity at commercial, industrial and institutional buildings. Eligible systems include wind, solar photovoltaic (PV), fuel cells, landfill gas, biomass, and certain kinds of hydropower. Grant amounts vary by technology. PV projects are limited to \$850,000 to \$4 million maximum on other eligible projects. Additional incentives for projects in Southwestern Connecticut. All installations must participate in the ISO-NE demand response program.</p> <p>All applicants are encouraged to schedule pre-application discussions with the CCEF staff before submitting an application under this program.</p> <p>Call (860) 563-5851 ext. 331 or visit http://www.ctcleanenergy.com.</p>
	<p>CCEF – Project 150 Initiative</p> <p>Requires the state’s electric distribution companies to enter into contracts to obtain at least 150 megawatts (MW) of “Class I” renewable energy. These long-term power purchase contracts must be in place by October 1, 2008. Deadline for third round of funding was May 30th, 2008. CCEF intends to recommend at least 25 MW of projects for DPUC approval.</p> <p>Call (860) 563-5851 ext. 331 or visit http://www.ctcleanenergy.com/projectSO.</p>
	<p>DPUC Capital Grants for Customer-Side Distributed Resources on Commercial and Industrial Premises</p> <p>Grant Payments of \$450 per Killowatt for customer owned electric generating systems (fuel cells, photovoltaic, CHP/ cogeneration, wind, etc.). Maximum unit capacity is 65 MW.</p> <p>Call the Connecticut Department of Public Utilities at (860) 827-2961 or visit http://www.state.ct.us/dpuc/.</p>

RENEWABLE ENERGY SYSTEMS FOR YOUR BUSINESS

GRANTS	
State of Connecticut Incentives continued	<p>OPM – New Energy Technology Program</p> <p>Provides grants to applicants who submit promising pre-commercial technologies that conserve energy or facilitate the use of renewable energy. Individual awards up to \$10,000 will be awarded to as many as five “small firms”—a firm that employs 30 or fewer people—each year. Recipients also receive additional support and technical assistance, including help with identifying potential industry partners, or other state and federally sponsored programs.</p> <p>Call the Connecticut Office of Policy and Management at (860) 418-6384, or visit http://www.ct.gov/opm.</p>
Federal Government Incentives	<p>USDA Rural Energy For America Grant (REAP)</p> <p>Grants up to 25% of the total cost of energy efficiency improvements and renewable energy systems for agricultural producers and rural small business.</p> <p>Visit http://www.usda.gov/farmbill.</p>
LOAN PROGRAMS	
Federal Government Incentives	<p>USDA Rural Energy For America Loan Program (REAP)</p> <p>Loan Guarantees up to \$25 million are available for energy efficiency improvements and renewable energy systems for agricultural rural small business.</p> <p>Visit http://www.usda.gov/farmbill.</p>
State of Connecticut Incentives	<p>Low Interest Loans for Customer-Side Distributed Resources</p> <p>Long term financing is available to customers for installation, capital and project development costs associated with:</p> <p>(1) the generation of electricity from a unit with a rating of not more than 65 megawatts including but not limited to fuel cells, CHP/cogeneration, photovoltaic systems or small wind turbines, OR</p> <p>(2) a reduction in the demand for electricity on the premises through methods of conservation and load management. Fixed interest rates (no more than prime) and loan amount varies.</p> <p>To apply, contact Bank of America Leasing and Capital at (201) 345-2860.</p> <p>Call the Connecticut Department of Public Utilities at (860) 827-2811 or visit http://www.state.ct.us.dpuc.</p>
TAX CREDITS/EXEMPTIONS	
State of Connecticut Incentives	<p>Sales & Use Tax Exemption for Solar and Geothermal Systems</p> <p>100% sales tax exemption of solar and geothermal heat pumps and solar thermal and solar electric systems.</p> <p>Eligible equipment includes solar electricity generating systems, passive or active solar water or space heating systems; equipment related to such systems and the sales of services relating to the installation of such systems are also tax-exempt.</p> <p>Call (860)297-5962 or visit http://www.ct.gov.dr.s.</p>
Federal Government Incentive	<p>Corporate Tax Incentives for Renewable Energy</p> <p>Provides Federal Business Tax Credits on equipment in place from January 1, 2006 until December 31, 2008.</p> <ul style="list-style-type: none"> – 30% tax credit for solar, solar hybrid lighting, and fuel cells, and – 10% for micro turbines and geothermal. <p>For equipment installed after January 1, 2009, the tax credit for solar goes to 10% and expires for fuel cell and microturbine.</p> <p>Contact the IRS – Public Information office at (800) 829-1040 or visit http://www.irs.gov.</p>
	<p>Modified Accelerated Cost-Recovery System (MACRS)</p> <p>Allows businesses to recover investments in certain property through depreciation deductions. Solar, wind, geothermal, fuel cells, micro turbines, and solar hybrid lighting technologies are classified as 5-year “property” under the IRS code.</p> <p>For more information, see IRS Publication 946, IRS Form 4562: Depreciation and Amortization, and Instructions available at http://www.irs.gov or contact the IRS Public Information Office at (800) 829-1040.</p>

RENEWABLE ENERGY SYSTEMS FOR YOUR BUSINESS

TAX CREDITS/EXEMPTIONS

Federal Government Incentives continued	<p>Renewable Electricity Production Tax Credit (PTC)</p> <p>PTC is a per kilowatt-hour tax credit for electricity generated by qualified energy resources—2.0¢/kW for wind, geothermal, closed-loop biomass; 1.0¢/kW for open loop biomass, small irrigation hydroelectric, landfill gas, municipal solid waste resources and hydropower.</p> <p>A business can take the credit by completing Form 8835, “Renewable Electricity Production Credit,” and Form 3800, “General Business Credit” which are available at http://www.irs.gov or by calling (800) 829-4933.</p>
	<p>Residential Energy Conservation Subsidy Exclusion (Corporate)</p> <p>According to Section 136 of the IRS code, energy conservation subsidies provided by public utilities either directly or indirectly are nontaxable. However, because the IRS has not issued a definitive ruling, please contact a tax attorney.</p>
	<p>For other corporate tax credits or exemptions</p> <p>Contact IRS Telephone Assistance for Businesses toll-free at (800) 829-4933 or visit http://www.irs.gov.</p>
Connecticut Cities & Towns	<p>Property Tax Exemption for Renewable Energy Systems</p> <p>Effective October 1, 2007 Connecticut municipalities are required to provide property tax exemptions for Class I Renewables (e.g. solar electric, wind, and fuel cell systems) and hydropower facilities in 1-4 residential buildings, and are authorized but not required to offer property tax exemptions for qualifying combined heat and power (CHP) systems.</p> <p>In addition, municipalities are required to exempt any passive or active solar water or space heating system or geothermal energy resource in any type of building.</p> <p>Contact Taxpayer Services at (800) 382-9463 or visit http://www.ct.gov.dr.s.</p>
REBATES, INCENTIVES AND SERVICES	
Utility Companies	<p>Net Metering</p> <p>The state’s largest electric utilities, United Illuminating and Connecticut Light and Power, are required to provide net metering to customers that generate electricity using Class I Renewable Energy sources up to 2 megawatts in capacity.</p> <p>Any customer’s net excess generation (NEG) during any monthly billing period is carried over to the following month as a credit, and at the end of an annual period the utility will pay the customer for any remaining net excess generation.</p> <p>Contact: Connecticut Department of Public Utilities at (860) 827-2961 or visit http://www.state.ct.us/dpuc.</p>

ENERGY IMPROVEMENTS FOR YOUR BUSINESS

Improving energy efficiency in your business is an excellent way to lower operating expenses, improve job performance, and increase profits. The most recent Connecticut Business and Industry Association survey reported more and more Connecticut companies are incorporating “green” business practices to meet their economic, corporate, and social goals. A wide variety of incentives to reduce your company’s energy costs are available.

Jane Brooks owns a large art gallery in Fairfield county. Her electric bills have dropped 60% from \$360 to \$150 a month simply by changing light bulbs! Jane replaced her 50-watt halogen bulbs with special 7-watt L.E.D. bulbs that screw into the existing track-lighting sockets. An extra bonus? She received a rebate on the purchase of her new bulbs from her local utility!

Dean Ayer opened a restaurant, bar, and comedy club in downtown New Haven two years ago. Last March he had his electric utility conduct an energy audit and found that he could save \$2,500 a year by switching to an off-peak rate. Since he only uses power at night, Dean started saving immediately! Bonus? A more thorough audit found that by replacing his fan motor on his walk-in refrigerator he was also eligible for a rebate!

ENERGY IMPROVEMENTS FOR YOUR BUSINESS	
TAX CREDITS/EXEMPTIONS	
State of Connecticut Incentives	<p>Sales and Use Tax Exemption for Energy Efficiency Products</p> <p>100% CT Sales Tax Exemption for compact fluorescent bulbs (CFL), certain weatherization products (e.g. programmable thermostats, insulation, weather stripping, etc.). Energy Star rated windows, doors, and natural gas and propane furnaces and boilers. Oil furnaces and boilers must be 84% efficient.</p> <p>Contact CT Department of Revenue Services at (860) 297-5962 or visit http://www.ct.gov/drs.</p>
Federal Government Incentives	<p>Energy Efficient Commercial Buildings Tax Deduction</p> <p>Provides a tax deduction ranging between \$0.30 –1.80 per square foot to owners of new or existing commercial buildings who install energy efficient improvements that reduce the building’s total energy and power cost by 50% or more. Tenants may be eligible if they make construction expenditures.</p> <p>Visit http://www.efficientbuildings.org. Review the National Renewable Energy Laboratory Report, NREL/TP-550-40228 February, 2007 for additional information.</p> <p>IRS Notice 2006-52 established a process to allow taxpayers to obtain a certification that the property satisfies the energy efficiency requirements contained in the statute; IRS Notice 2008-40 was issued in March 2008 to clarify the rules for energy efficient commercial buildings placed in service from January 1, 2006 through December 1, 2008.</p> <p>View the document at http://www.irs.gov/pub/irs-drop/n-06-52.pdf or call (800) 829-1040.</p>
GRANTS, LOANS, REBATES, INCENTIVES AND SERVICES	
State Building Code	<p>Green Building Provisions PA 07-242</p> <p>Required a revision in the State Building Code by January 1, 2008. The new code will require all buildings be designed to provide optimum cost-effective energy efficiency. It also requires building projects constructed after January 1, 2009 which are expected to cost at least \$5 million, and building renovation projects after January 1, 2010 expected to cost \$2 million must achieve a LEED silver rating or a two-globe rating from the Green Globes USA design program.</p> <p>Call (860) 685-8310 or visit http://www.bcap-energy.org/state_status.php?state_ab=CT.</p>
State of Connecticut Incentives	<p>DPUC-Approved Ameresco CT Energy Efficiency Incentive Program</p> <p>Ameresco offers rebates to all Connecticut commercial, industrial, and institutional customers who reduce electric demand during peak hours: Summer – 1-5pm and Winter 5-7pm. Technologies used during all peak hours are eligible, including lighting, motors, and air compressors. Qualifying projects include retrofits and new construction.</p> <p>Rebates available up to \$600 per kW savings for summer and winter, and up to \$50 per kW for winter-only savings.</p> <p>Call (866) 314-9611 or visit http://www.amersco.com/ctdsmeep.</p>
Utility Companies	<p>Connecticut’s utility companies offer a variety of conservation and energy efficiency programs for commercial and industrial customers. Be sure to contact your provider directly for information related to their programs.</p>

ENERGY IMPROVEMENTS FOR YOUR BUSINESS

GRANTS, LOANS, REBATES, INCENTIVES AND SERVICES

Connecticut Light & Power (CL&P)	<p>CT Energy Efficiency Fund (CEEF)</p> <p>Offers a number of programs that Connecticut Light and Power (CL&P) customers can take advantage of. CEEF programs are funded by a conservation charge on customer electric bills.</p> <p>CL&P customers can call either (877) WISE.USE or (860) 832-4972 or visit http://www.cl-p.com.</p>
	<p>Small Industrial and Commercial Energy Efficiency Loan Program</p> <p>Interest-free loans ranging from \$5,000 – \$250,000 (6 year maximum payback time) for the installation of electric energy efficient systems. Small (less than 100 employees) must have an average demand of 350 kW over the last 12 months.</p> <p>Loans are not available for customers who qualify for CL&P's Energy Conscious Blueprint or Small Business Energy Advantage programs.</p>
	<p>Energy Conscious Blueprint Program</p> <p>CL&P commercial and industrial customers can receive up to 100% of the costs associated with energy efficient new construction or major renovations. The program covers new equipment and replacement of existing equipment. Incentives are typically based on the energy efficiency of a design or the incremental costs between less expensive, standard-efficiency equipment and a more expensive, high-efficiency option.</p> <p>Call (877) 947-3873 or visit http://www.cl-p.com/index.asp.</p>
	<p>Energy Opportunities Efficiency Program</p> <p>CL&P commercial and industrial users that have an average peak demand greater than 200 kilowatts are eligible for rebates on various retrofit possibilities. Customers with less than this amount could also qualify for this program if they do not qualify for other CL&P incentive programs.</p> <p>Call (877) 947-3873 or visit http://www.cl-p.com/index.asp.</p>
	<p>Express Rebate Programs</p> <p>Various rebate programs including the Lighting Rebate Program offers rebates ranging from \$5 to \$55 per unit to commercial and industrial customers for installing more energy efficient lighting fixtures.</p> <ul style="list-style-type: none"> - Motor Up Rebate Program offers rebates based on motor horsepower and range from \$45 to \$700. - Cool Choice Program offers rebates on cooling systems that meet or exceed current program efficiency standards. Rebates vary. <p>Call (877) 947-3873 or visit http://www.cl-p.com/index.asp.</p>
	<p>Operation and Maintenance Program</p> <p>All CL&P commercial and industrial customers are eligible to receive 50% of the cost for analysis and up to 50% for the installation of all energy efficient equipment that improve the maintenance and operation of electric equipment.</p> <p>Call (877) 947-3873 or visit http://www.cl-p.com/index.asp.</p>
	<p>Small Business Energy Advantage Program Business</p> <p>Customers with an average 12-month peak demand between 10 kW and 200 kW qualify, however industrial customers with loads below 50 kW are preferred. Rebates and loans vary depending upon the project.</p> <p>An energy assessment of the facility is conducted by a contractor who submits a proposal of possible energy-efficiency measures, estimated energy savings, customer incentives, and financing options. If approved, an exact rebate amount is determined and in some cases the remaining cost of the project can be paid off in the form of a zero interest loan directly from CL&P.</p> <p>Call (877) 947-3873 or visit http://www.cl-p.com/index.asp.</p>
United Illuminating Company (UI)	<p>CT Energy Efficiency Fund (CEEF)</p> <p>Offers a number of programs that United Illuminating customers can take advantage of. CEEF programs are funded by a conservation charge on customer electric bills.</p> <p>UI residential customers can call (203) 499-2923 or visit http://www.uinet.com.</p>
	<p>Cool Choice Energy Efficiency Incentive Program</p> <p>Offers rebates to commercial, industrial or agricultural UI customers that install high-efficiency air conditioning and air-to-air heat pump systems.</p> <p>Rebates vary and range from \$70 to \$200 per ton depending on the specific type of technology. Preapproval required for rebates over \$5000.</p> <p>Call (877) 947-3873 or (203) 499-5828 or visit http://www.uinet.com/index.asp.</p>

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GRANTS, LOANS, REBATES, INCENTIVES AND SERVICES

United Illuminating Company (UI)	<p>Energy Conscious Blueprint Grant Program Provides design and implementation grants to help with costs of energy efficient buildings. Call (877) 947-3873 or (203) 499-2025 or visit http://www.uinet.com/index.asp.</p>
	<p>Energy Conscious Blueprint Rebate Program Customers with commercial and industrial new construction, additions or major renovation projects are eligible to participate. Rebates are customized to the individual project and so vary. Call (877) 947-3873 or (203) 499-2025 or visit http://www.uinet.com/index.asp.</p>
	<p>Energy Opportunities Program UI offers rebates for a wide range of technologies to retrofit existing building in energy efficient ways. Rebates vary by technology and efficiency but are determined by either 50% of the project cost or 75% of the system savings, whichever is less. Call (877) 947-3873 or (203) 499-2025 or visit http://www.uinet.com/index.asp.</p>
	<p>Express Lighting Rebate Program UI commercial and industrial customers are eligible for rebates on energy-efficient lighting equipment installed into already existing facilities. Rebates range from \$10 to \$50 per fixture. Preapproval required for rebates over \$1000. Call (877) 947-3873 or visit http://www.uinet.com/index.asp.</p>
	<p>Motor Up Incentive Program Provides rebates to industrial, commercial, institutional and agricultural customers for installing high energy efficient motors that operate a minimum of 2,000 hours per year and meet efficiency standards. Rebates range from \$45 – \$700/motor. Call (877) 947-3873 or (203) 499-5828, or visit http://www.uinet.com/index.asp.</p>
	<p>Small Business Energy Advantage Program (Combination Rebate & Loan Program) UI's small business customer can receive rebates ranging from 25% to 50% of the cost of energy efficiency improvements, based on an energy audit completed by a UI representative. Remaining costs may be paid off as a zero interest loan on the business' monthly utility bill. Call (877) 947-3873.</p>
	<p>The Connecticut Municipal Electric Energy Cooperative (CMEEC) represents, supports, and is owned by Connecticut's municipal utilities, including:</p> <p>Groton Public Utilities Call (860) 446-4000 or visit http://www.grotonutilities.com.</p> <p>Jewett City Department of Public Utilities Call (860) 376-2955 or visit http://www.jewettcitydpu.com.</p> <p>South Norwalk Electric and Water Call (203) 866-3366 or visit http://www.snew.org/.</p> <p>Town of Wallingford Public Utilities Call (203) 294-2263 or visit http://www.town.wallingford.ct.us/page.cfm?name=DEPARTMENT%20OF%20PUBLIC%20UTILITIES.</p>
Connecticut Municipal Electric Energy Cooperative (CMEEC)	<p>The Wallingford Electric Division offers energy conservation programs for commercial and industrial customers. Call (203) 294-2271 for full details on these programs, including:</p> <ul style="list-style-type: none"> – Free lighting and energy audits – Incentive payments of up to 33% of the pre-tax project cost for lighting retrofits and energy efficiency equipment including HVAC, air compressor equipment, and three-phase motor replacements – Incentive payments for higher efficiency lighting and energy audits, incentive payments retrofits and installation

ENERGY IMPROVEMENTS FOR YOUR BUSINESS

GRANTS, LOANS, REBATES, INCENTIVES AND SERVICES

Connecticut Municipal Electric Energy Cooperative (CMEEC)	<p>Bozrah Light and Power Call (860) 889-7388 or visit http://www.grotonutilities.com/electric_bozrah.asp.</p> <ul style="list-style-type: none"> - Commercial & Industrial Energy Efficiency Rebate Program Offers incentives for its commercial and industrial customers to install energy efficient equipment such as lighting, lighting controls/sensors, heat pumps, air conditioners, motors, et. al. in their facilities. Maximum incentive is 50% of the cost of the project. Call (860) 446-4000 or email <grotonutilities@yurservice.com>. - Groton Utilities offers cash incentives for customers who participate in their Demand Response Program. This program requires customers to voluntarily reduce electricity consumption during peak times of the year when the electric system is severely constrained and the price of electricity is very high. Call (860) 446-4000 or email <grotonutilities@yurservice.com>.
	<p>Norwich Public Utilities Call (860) 887-2555 or visit http://www.norwichpublicutilities.com/efficiency-main.html.</p> <ul style="list-style-type: none"> - Commercial & industrial Energy Efficiency Rebate Rebates offered on energy efficient lighting, retrofits, HVAC and air equipment. Call (860) 464-4000 or email <grotonutilities@yurservice.com>. - Zero-percent financing to their commercial customers for energy efficiency improvements. Call (860) 823-4522 or email <jeffbrining@npumail.com>. - Cool Choice Program Provides cash rebates to help offset the costs of high efficiency HVAC systems purchased after January 1, 2007. For eligibility information and an application, visit http://www.norwichpublicutilities.com/pdfs/app-CoolChoice.pdf.
	<p>Norwich Public Utilities Call (860) 887-2555 or visit http://www.norwichpublicutilities.com/efficiency-main.html.</p> <ul style="list-style-type: none"> - Motor Up! Program Provides incentives to upgrade to premium efficiency electric motors purchased and installed or placed in stock after January 1, 2007. For eligibility information and an application, visit http://www.norwichpublicutilities.com/pdfs/app-MotorUp.pdf.
Natural Gas Companies	<p>East Norwalk Third District Taxing District Call (203) 866-9271 or visit http://www.ttd.gov/Frames/community%20frame.htm.</p> <ul style="list-style-type: none"> - Commercial Motor Upgrades To replace old motors with high efficiency motors for commercial and industrial customers. Call (203) 866-9271 or download the form at http://www.ttd.gov/Conservation%20Motor%20Form%202007.pdf. - Free lighting audits and upgrade cost estimates Available for commercial customers. Cash payments of up to 33% of the cost of upgrading to high efficiency lighting. Information is available by calling (203) 866-9271.
	<p>Connecticut Natural Gas Call (860) 827-3000 or visit http://www.cngcorp.com.</p> <p>Yankee Gas Call (800) 989-0900 or visit http://www.yankeegas.com.</p> <p>Southern Connecticut Gas Company Call (800) 659-8299 or visit http://www.soconngas.com.</p>