

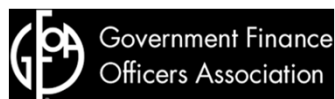


Smart Management for
Small Water Systems

Using Rebates to Reduce Water System Energy Costs

Thursday, December 6, 2018
1:00-2:00pm EST

This program is made possible under a
cooperative agreement with EPA.



www.efcnetwork.org



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Environmental Finance
Center at UNC's School
of Government

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www.efc.sog.unc.edu



Poll questions: Who is your electricity provider?

And, have you seen a recent energy bill for your system?



Sample Electricity Bill for a Small Water System

Account No.		Service Location		Cycle	Service From	To	Days	Rate / Reference / Bill Type
92747600		WTPA OXBOW 460		2	11/01/2014	12/01/2014	30	45 / MUNICIPAL WAT / REGULAR
Meter Nbr	Pres Rdg	Prev Rdg	Mult	kWh Used				
50078	4867	4742	200.0000	25000				
					ACTIVITY PRIOR TO BILLING PREVIOUS BALANCE 4790.71 PAYMENTS -4790.71 BALANCE FORWARD 0.00			
					CURRENT BILL INFORMATION ENERGY DEMAND CHARGE 260.00 KVA 1997.75 GRID ACCESS 871.00 FRANCHISE FEE 58.95 87.83			
CONVENIENT WAYS TO PAY YOUR BILL ■ SmartHub online Bill Pay - make a payment, access your account, or contact via online or mobile device. ■ Pay Now - quick online payment with real-time billing information. ■ Electronic Funds Transfer - Pre-Authorized transfer of payment from your bank to					Date: <u>12-17-14</u> Acct: <u>500-462-413-00</u> Authorized By: _____			
					Current Charges Due By 12/29/2014			
					Previous Balance Was Due 12/01/2014			
					Total Amount Due			
					3015.53			
					0.00			
					3015.53			

Retain this copy for your records.



Webinar: Where am I Starting From? Understanding Your Water System's Electric Bill + The Energy Usage Baseline Tool



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Webinar: Where Am I Starting From? Understanding Your Water System's Electric Bill + The New Energy Usage Baseline Tool

Wednesday, June 8, 2016 | 2:00 - 3:00pm

Host Organization: Environmental Finance Center Network

Program: Drinking Water and Wastewater

Webinar

HOME / WEBINAR: WHERE AM I STARTING FROM? UNDERSTANDING YOUR WATER SYSTEM'S ELECTRIC BILL + THE NEW ENERGY USAGE BASELINE TOOL

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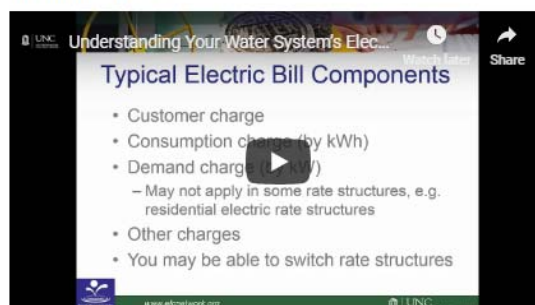
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For many water systems, the electric (or energy) bill is one of the largest operating expenses regularly incurred by the water system. It is also one of the most controllable operating expenses a water system will have. In order to begin to save money from energy conservation measures, it is first necessary to know where you are starting from. This webinar helped participants learn how to understand their electric bill(s) and their various components; how to compare different electricity rate schedules (if available from your electricity provider) as a means of looking for a more cost-saving, advantageous rate schedule (similar to shopping for the best cell phone plan you can find); and how to use the Environmental Finance Center's new Energy Usage Baseline tool, an Excel-based tool to help you establish the baseline of electricity usage for your water system, and track the effectiveness of energy conservation measures across time that you adopt.

Presenter: David Tucker, Project Director – Environmental Finance Center at The University of North Carolina at Chapel Hill

Webinar Recording

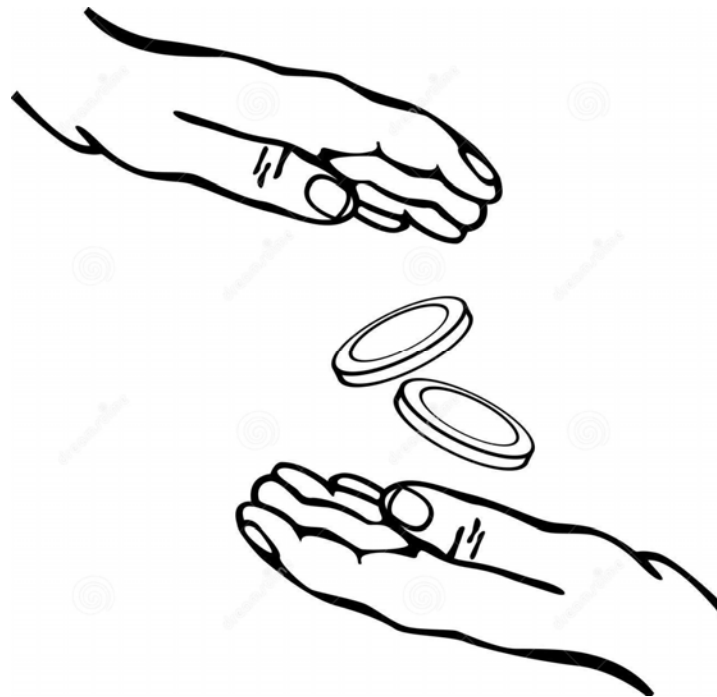


<https://efc.sog.unc.edu/event/webinar-where-am-i-starting-understanding-your-water-system%E2%80%99s-electric-bill-new-energy-usage>



Energy rebates

Cash incentives for energy efficiency or renewable energy





Poll question: Who's applied for an energy rebate?

Database of State Incentives for Renewables & Efficiency®

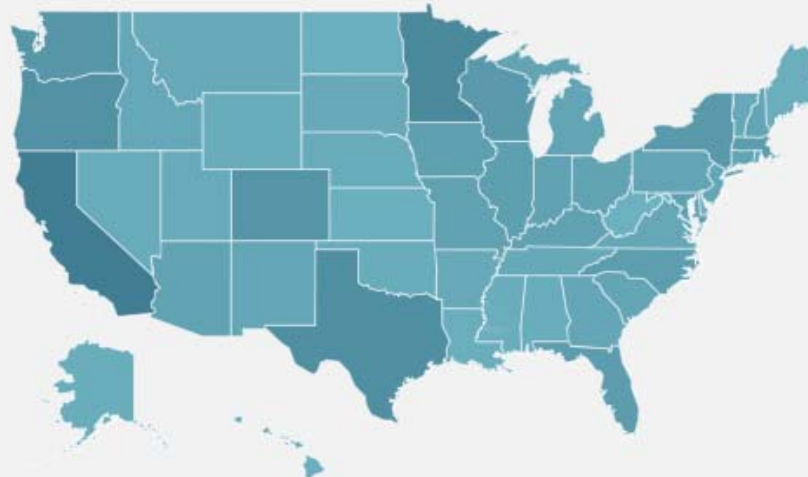
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- I** Industrial Resources >
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State/Territory: California

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Name	State/ Territory	Category	Policy/Incentive Type	Created	Last Updated
City of San Francisco - Solar Energy Incentive Program	CA	Financial Incentive	Rebate Program	03/14/2008	09/25/2018
SMUD - PV Residential Retrofit Buy-Down	CA	Financial Incentive	Rebate Program	01/26/2005	09/24/2018
Renewables Portfolio Standard	CA	Regulatory Policy	Renewables Portfolio Standard	09/03/2002	09/24/2018
Qualified Energy Conservation Bonds (QECBs)	US	Financial Incentive	Loan Program	10/23/2008	08/22/2018
USDA - Rural Energy for America Program (REAP) Loan Guarantees	US	Financial Incentive	Loan Program	04/09/2003	08/21/2018
USDA - Rural Energy for America Program (REAP) Grants	US	Financial Incentive	Grant Program	04/09/2003	08/21/2018
USDA - Rural Energy for America Program (REAP) Energy Audit and Renewable Energy Development Assistance (EA/REDA) Program	US	Financial Incentive	Grant Program	02/18/2015	08/21/2018
Modified Accelerated Cost-Recovery System (MACRS)	US	Financial Incentive	Corporate Depreciation	03/15/2002	08/21/2018

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Excluding SIR Programs

State/Territory: Illinois

Q ComEd

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Name	State/ Territory	Category	Policy/Incentive Type	Created	Last Updated
ComEd -Energy Efficiency Program For Businesses	IL	Financial Incentive	Rebate Program	09/19/2008	04/04/2017
ComEd, Nicor Gas, Peoples Gas & North Shore Gas - Small Business Energy Savings Program	IL	Financial Incentive	Rebate Program	09/19/2008	03/31/2017
ComEd - Business Instant Lighting Discounts Program	IL	Financial Incentive	Rebate Program	10/09/2012	03/31/2017
ComEd - Energy Efficiency Program for Residential	IL	Financial Incentive	Rebate Program	12/08/2008	03/31/2017
ComEd - Energy Efficiency Program for Commercial New Construction	IL	Financial Incentive	Rebate Program	06/01/2009	03/22/2017
Residential On-Bill Financing Programs - Nicor Gas, North Shore Gas, Peoples Gas, Ameren and ComEd	IL	Financial Incentive	Loan Program	04/05/2012	08/22/2016
ComEd, Nicor Gas, Peoples Gas & North Shore Gas - Complete System Replacement Rebate Program	IL	Financial Incentive	Rebate Program	03/25/2013	03/26/2015

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Database of State Incentives for Renewables & Efficiency®

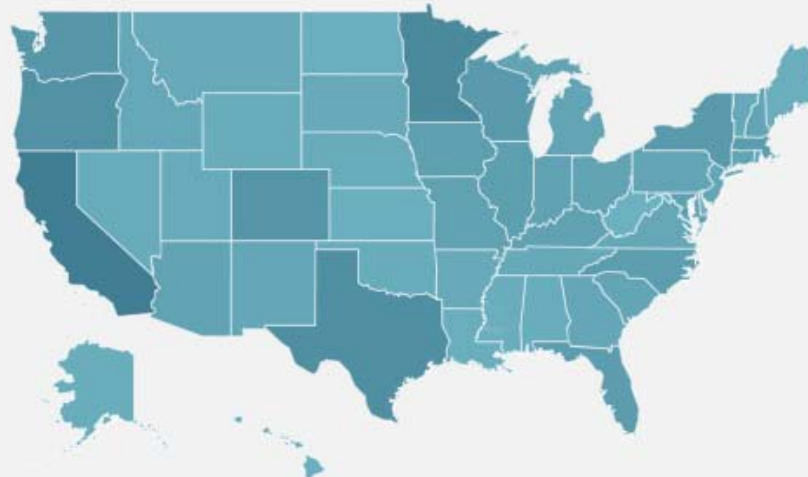
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Name	State/ Territory	Category	Policy/Incentive Type	Created	Last Updated
Duke Energy - NC Solar Rebate Program	NC	Financial Incentive	Rebate Program	09/24/2018	09/24/2018
Qualified Energy Conservation Bonds (QECBs)	US	Financial Incentive	Loan Program	10/23/2008	08/22/2018
USDA - Rural Energy for America Program (REAP) Loan Guarantees	US	Financial Incentive	Loan Program	04/09/2003	08/21/2018
USDA - Rural Energy for America Program (REAP) Grants	US	Financial Incentive	Grant Program	04/09/2003	08/21/2018
USDA - Rural Energy for America Program (REAP) Energy Audit and Renewable Energy Development Assistance (EA/REDA) Program	US	Financial Incentive	Grant Program	02/18/2015	08/21/2018
Modified Accelerated Cost-Recovery System (MACRS)	US	Financial Incentive	Corporate Depreciation	03/15/2002	08/21/2018
Green Power Purchasing Goal for Federal Government	US	Regulatory Policy	Green Power Purchasing	02/19/2004	08/21/2018
Energy Goals and Standards for Federal Government	US	Regulatory Policy	Energy Standards for Public Buildings	06/19/2006	08/21/2018

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Name 	State/ Territory 	Category 	Policy/Incentive Type 	Created 	Last Updated 
Duke Energy - NC Solar Rebate Program	NC	Financial Incentive	Rebate Program	09/24/2018	09/24/2018
Qualified Energy Conservation Bonds (QECBs)	US	Financial Incentive	Loan Program	10/23/2008	08/19/2018
USDA - Rural Energy for America Program (REAP) Loan Guarantees	US	Financial Incentive	Loan Program	04/09/2003	08/19/2018
USDA - Rural Energy for America Program (REAP) Grants	US	Financial Incentive	Grant Program	04/09/2003	08/19/2018
USDA - Rural Energy for America Program (REAP) Energy Audit and Renewable Energy Development Assistance (EA/REDA) Program	US	Financial Incentive	Grant Program	02/18/2015	08/19/2018
Modified Accelerated Cost-Recovery System (MACRS)	US	Financial Incentive	Corporate Depreciation	03/15/2002	08/19/2018
Green Power Purchasing Goal for Federal Government	US	Regulatory Policy	Green Power Purchasing	02/19/2004	08/19/2018
Energy Goals and Standards for Federal Government	US	Regulatory Policy	Energy Standards for Public Buildings	06/19/2006	08/19/2018
Federal Appliance Standards	US	Regulatory Policy	Appliance/Equipment Efficiency Standards	06/30/2006	08/19/2018

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Technology

Date

Categories

Program Type

Implementing Sector

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Coverage Area - *Requires State Filter*

Eligible Sector

From SIR



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Categories

Program Type

Implementing Sector

State

Coverage Area - Requires State Filter

Eligible Sector

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Filter by Technology

Energy Efficiency

Renewable Energy

Filter by Technology ✕

Filter by Energy Efficiency

All Energy Efficiency ☐

Appliances

Building Envelope

HVAC

Industrial Equipment

Lighting

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Filter by Lighting

Search All Technologies

All Lighting ☐

LED Lighting ☐

Lighting ☐

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Technology Category: Filter by Technology ×

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Name	State/ Territory	Category	Policy/Incentive Type	Created	Last Updated
Federal Appliance Standards	US	Regulatory Policy	Appliance/Equipment Efficiency Standards	06/30/2006	08/16/2018
Duke Energy Carolinas - Non-Residential Smart Saver Incentive Program	NC	Financial Incentive	Rebate Program	06/20/2009	08/06/2018
Energy-Efficient Commercial Buildings Tax Deduction	US	Financial Incentive	Corporate Tax Deduction	01/10/2006	02/28/2018
U.S. Environmental Protection Agency - ENERGY STAR Guidelines for Energy Management	US	Technical Resource	Energy Analysis	06/24/2015	05/11/2017
Tribal Energy Program Grant	US	Financial Incentive	Grant Program	05/01/2003	03/03/2017
Fannie Mae Green Initiative- Loan Program	US	Financial Incentive	Loan Program	05/28/2015	07/13/2015

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Filter by

Technology

Date

Categories

Program Type

Implementing Sector

State

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Filter by Eligible Sector

Non-Residential

Residential

Other

Filter by Eligible Sector ✕

Filter by Non-Residential

All Non-Residential ☐

Business

Public Sector

Filter by Non-Residential ✕

Filter by Public Sector

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All Public Sector ☐

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Nonprofit ☐

Schools ☐

State Government ☐

Federal Government ☐

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Energy Category: Energy Efficiency ✕

Eligible Sector: Local Government ✕

Zip Code: 27599 ✕

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Name	State/ Territory	Category	Policy/Incentive Type	Created	Last Updated
U.S. Department of Energy - Loan Guarantee Program	US	Financial Incentive	Loan Program	09/12/2008	08/18/2016
Qualified Energy Conservation Bonds (QECBs)	US	Financial Incentive	Loan Program	10/23/2008	08/22/2018
Duke Energy Carolinas - Non-Residential Smart \$aver Incentive Program	NC	Financial Incentive	Rebate Program	06/20/2009	08/06/2018
SystemVision Energy Guarantee Program	NC	Financial Incentive	Rebate Program	07/15/2009	03/06/2017
USDA - High Energy Cost Grant Program	US	Financial Incentive	Grant Program	09/27/2010	06/09/2016

Showing 1 to 5 of 5 entries

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Duke Energy Carolinas - Non-Residential Smart \$aver Incentive Program

Last Updated August 6, 2018

Program Overview

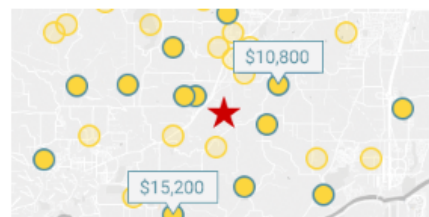
Implementing Sector:	Utility
Category:	Financial Incentive
State:	North Carolina
Incentive Type:	Rebate Program
Web Site:	https://www.duke-energy.com/business/products/smartsaver/all-smartsaver-rebates
Administrator:	Duke Energy Carolinas
Utilities:	Duke Energy Carolinas, LLC
Eligible Efficiency Technologies:	Refrigerators/Freezers, Equipment Insulation, Lighting, Lighting Controls/Sensors, Chillers, Heat pumps, Air conditioners, Compressed air, Programmable Thermostats, Energy Mgmt. Systems/Building Controls, Windows, Roofs, Processing and Manufacturing Equipment, Food Service Equipment, LED Lighting, Commercial Refrigeration Equipment
Applicable Sectors:	Commercial, Industrial, Local Government, Nonprofit, Schools, Federal Government, Agricultural, Institutional
Incentive Amount:	Agricultural Rebates: Varies widely Lighting: Varies widely by type HVAC Equipment: Varies widely by type Commercial Equipment: Varies widely by type Industrial Equipment: Varies widely by type
Equipment Requirements:	All equipment must meet certain efficiency standards located on the program web site

Summary

Duke Energy's Smart Saver Incentive program offers rebates to non-residential customers to install energy efficient equipment in their facilities. All Duke Energy North Carolina nonresidential electric customers are eligible, except those that have elected to opt out of the Energy Efficiency Rider. Rebates are available for a wide range of equipment. All equipment must meet certain energy efficiency standards stated on the program web site. To receive the rebates, customers should submit a completed application within 90 days after the equipment is installed and operational. A list of frequently asked questions and the program application forms can be found on the program web site.

Recommended Next Steps

Get Free Quotes from Local Solar Companies



Contact

Duke Energy Non-Residential Rebate Program
 Address:
 400 South Tryon St. S704A
 Charlotte, NC 28202
 Phone:
 (800) 380-9580
 E-Mail:
prescriptiveincentives@duke-energy.com

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Memos

08/06/2018 by Travis Elmore

(Review of existing information for the website)



Get to know your account representative





Poll question: Do you know who your account representative is?



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