

Agenda

- * About Bath, NY
- * About Bath Electric Gas & Water Systems
- * Recent Incidents in Bath
- * Goals
- * Initiatives to meet goals
- * Benefits
- * Shared Goals with REV

New York State Map



About Bath Electric Gas & Water Systems

- * Bath Electric Gas and Water Systems (BEGWS) is a municipally owned electric, gas, water, and waste water utility
- * BEGWS serves approximately 4700 residential, commercial, and industrial electric customers.
- * BEGWS serves approximately 2600 gas, water and sewer customers.

Recent Incidents Impacting BEGWS Customers

- * Valentines Day 2014

Power Loss

- * NYSEG's Bath Substation, BEGWS only supply of energy failed resulting in a 5 hour power outage for all BEGWS customers



Electric Rate Shock

Winter of 2014

Polar Vortex

Cost of Wholesale energy priced at **\$.10/kWh** in January 2014



BEGWS Goals

- * Reduce financial burden on rate payers
 - * Electric, Gas, Water, Sewer
- * Improve System Reliability
- * Identify and Capitalize on Identified Revenue Streams
 - * Demand Response
 - * Sale of Energy

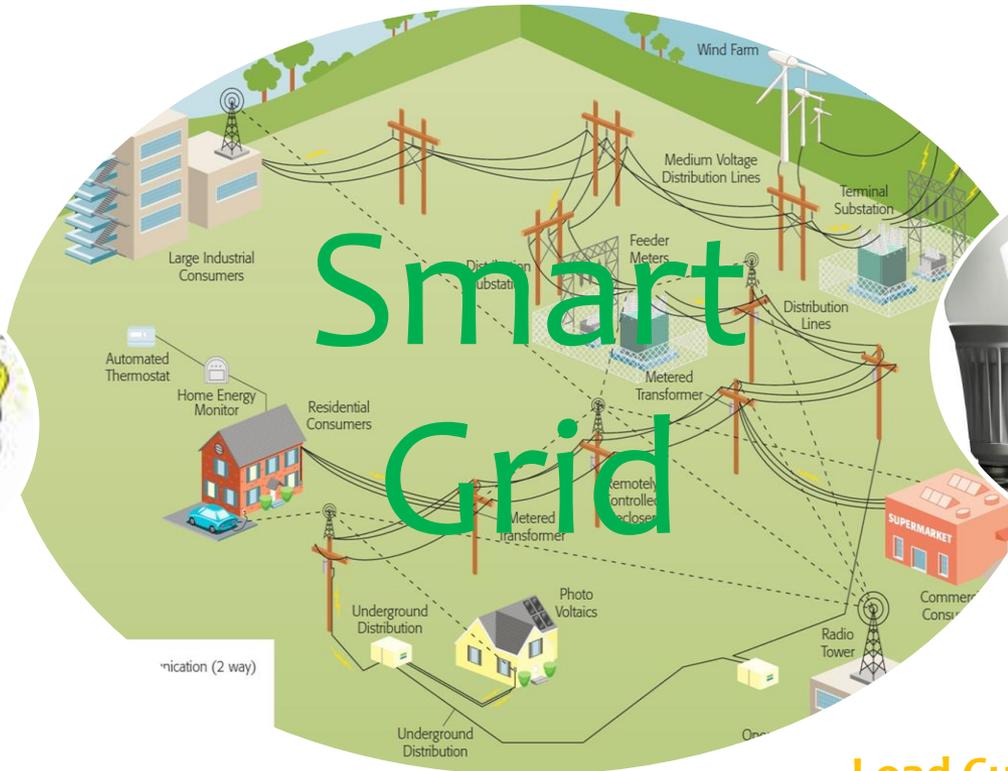
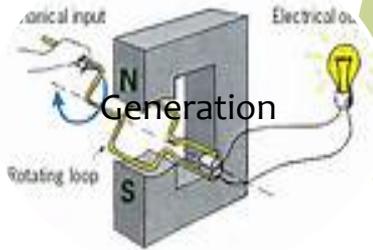
Strategy

- * Capitalize on Renewable Energy Power Opportunities
 - * Generate energy from Waste
 - * Retool Existing WWTP to Resource Recovery Hub
 - * Solar Projects
- * Install CHP and/or Distributive Generation
- * Install Demand Response Smart Grid Technology
 - * AMI Metering
- * Promote Customer Energy Efficiency opportunities



Renewable Energy

Generation

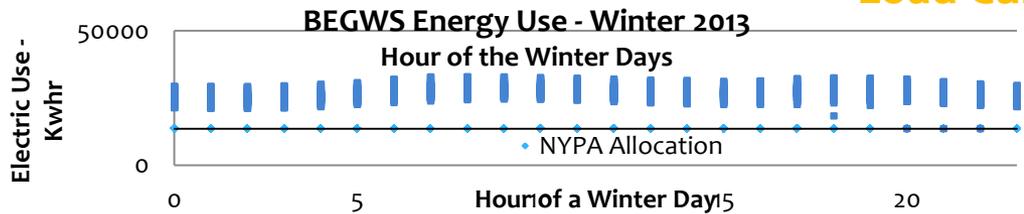


Smart Grid



Energy Efficiency

Load Curtailment



Benefits to BEGWS Customers

- * Stable Energy Prices
- * Increased reliability
- * Create Opportunities for economic growth
- * Reduced emissions of pollutants

Benefits to BEGWS

- * Reduce cost of wholesale market power purchases
 - * Ensure price stable, reliable source of energy to Village
- * Attract industry (Jobs!) to area by providing economical energy and process heat
- * Reduce Operational Costs
- * Reduce Energy Consumption
- * Net Zero energy consumption at WWTP
 - * Reduces Energy Costs

Why Bath?

- * Unique energy position
 - * Local Distribution Company for Electric & Gas
 - * Direct use for energy generated
- * Industry expertise
- * Location
 - * Proximity to Route 86
 - * Proximity to Railroad
- * Industrial Development Zone within service territory
- * We have the space
 - * 50 acres
- * Close to high yield waste

Shared Goals with REV

Description	BEGWS	REV
Enable Customers to manage & control energy costs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Increase system efficiency	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reduce Carbon Emissions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Technology innovations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sell to competitive market	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Protect the Environment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Benefits to the Greater Community

- * Reduced burden on Electric Transmission grid
- * Reduced burden on Gas Transmission System
- * Reduced Carbon Footprint
- * Reduced Nitrogen/Phosphorous discharges to watershed