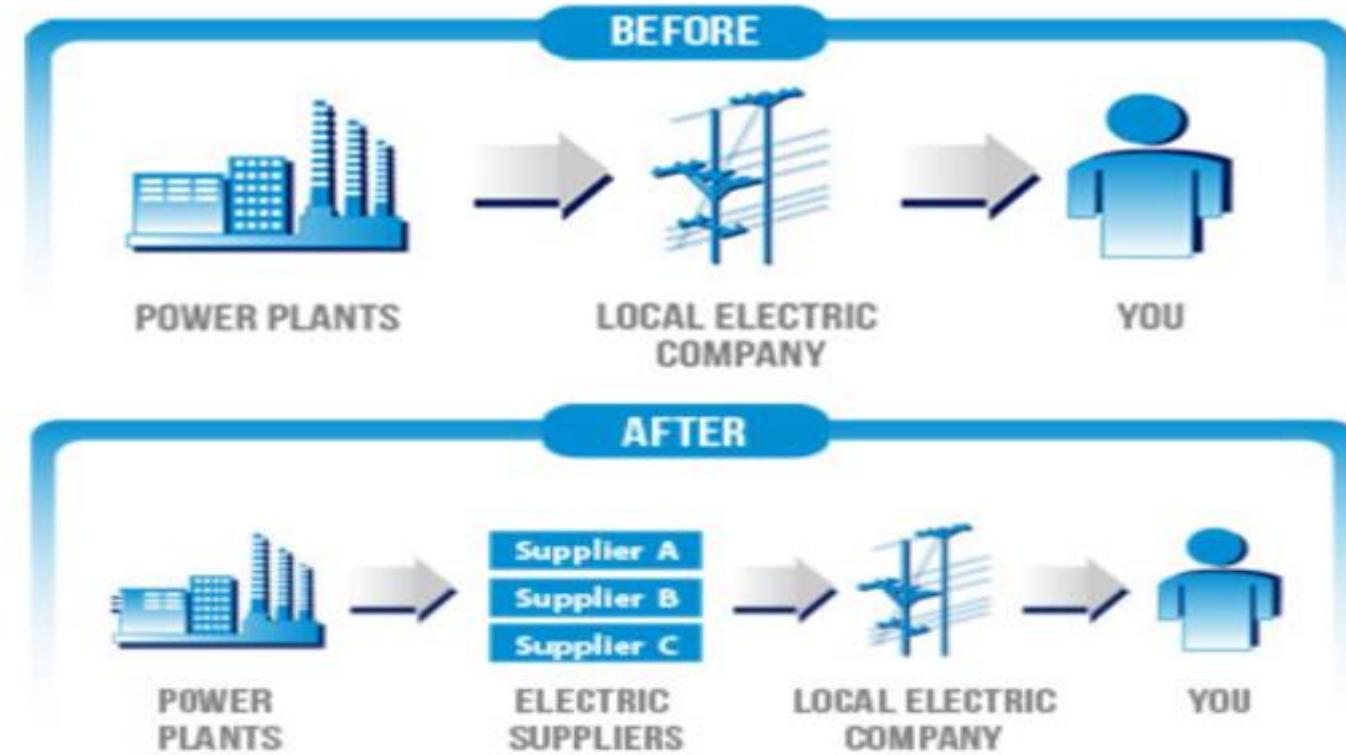




# Community Energy Aggregation Program

# Energy Deregulation



Energy deregulation along with Customer Choice legislation gives the consumer the option to choose the supplier on your electric bill.  
<https://www.nj.gov/bpu/about/divisions/energy/switching.html>

# Statewide BGS Auction

New Jersey BGS (Basic Generation Service) Auction is held every February. Auction information and results are available at [www.bgs-auction.com](http://www.bgs-auction.com)

## BGS Auction Winners 2024

Axpo U.S. LLC

BP Energy Company

Calpine Energy Services LP

ConocoPhillips Company

Constellation Energy Generation, LLC

DTE Energy Trading, Inc.

DXT Commodities North America Inc.

Five Elements Energy II LLC

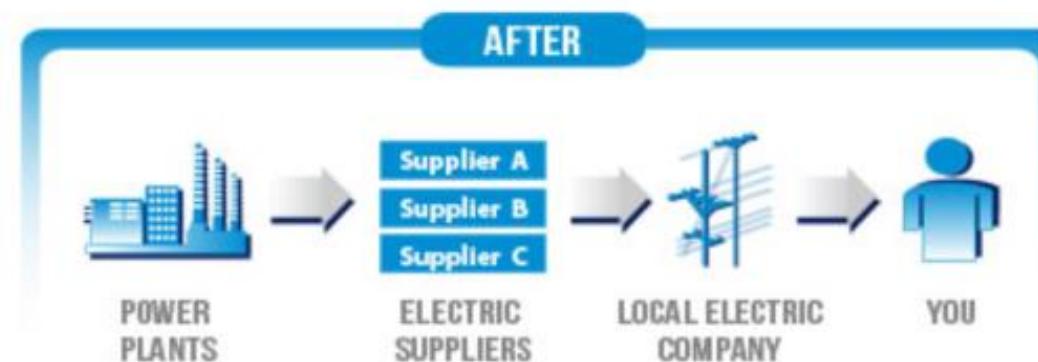
Hartree Partners, L.P.

Macquarie Energy LLC

NextEra Energy Marketing, LLC

Shell Energy North America (US), L.P.

Vitol Inc.



# What is Community Energy Aggregation

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- The aggregation process works parallel to the state's process.
  - New Jersey BGS Auction held every February
  - Sets each utility's default rate
  - New Rates takes effect in June each year
- N.J.A.C. Title 14:4-6.1 (2012)
- Community Energy Aggregation
  - Replaces the default rate with a new price based on the community's local usage
  - Bulk purchase electricity from a third party supplier
  - Communities are able to obtain rate reductions on their energy costs. Month-to-month savings is not guaranteed
  - Consumer protections not normally available in individuals' contracts with third party suppliers

# Aggregation Process

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- Ordinance/Resolution/Agreements
- The New Jersey Board of Public Utilities and the New Jersey Division of Rate Counsel review all program documents
- Information provided by utility
- Energy auction and selection of winning bidder
- Energy Auction Bid for program rate must be lower than the utility's BGS rate at the time of the bid
- Begin outreach to residents about the program
  - Mailing
  - Outreach presentations for residents
  - Attendance/information table at community events
  - Video
  - Customized web page for the program
- Repeat Auction Process at conclusion of contract

# Aggregation Details

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- When a supplier is awarded there will be an initial 30-day window for residents to decide if they would like to Opt-Out of the program; anyone choosing not to Opt-Out of the program will be enrolled in the program
  - Mail return, 800#, Customized Website
  - Residents can decide at any time after program begins to discontinue participation with no termination fees or other penalties
  - Permanent Opt-Out Feature
- Program only includes eligible residents who are not currently with a third party supplier and who do not have solar.

# Aggregation Details

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- All current services – delivery, meter readings, billing, payments, emergency services, etc., are serviced through the utility
- Residents will continue to call their utility for service-related questions and outages
- Residents still receive one bill every month from the utility
- Budget billing is offered in the program
- There are no fees to be part of the program
- No one from the program will be calling or knocking on any residents door regarding this program
- Residents will have the option of enrolling their account in 100% renewable energy

# Renewable Portfolio Standards “RPS”

## State mandated renewable energy requirements

Renewable Portfolio Standards “RPS” Effective 10/5/2020 Adopted New Rules: N.J.A.C. 14:8-10

Energy Year	TREC	SREC	Class I	Class II	Total
June 1, 2023 - May 31, 2024	Based on retail sales	4.90%	27.0%	2.50%	29.50%
June 1, 2024 - May 31, 2025	Based on retail sales	4.80%	35.0%	2.50%	37.50%
June 1, 2025 - May 31, 2026	Based on retail sales	4.50%	38.0%	2.50%	40.50%
June 1, 2026 - May 31, 2027	Based on retail sales	4.35%	41.0%	2.50%	43.50%
June 1, 2027 - May 31, 2028	Based on retail sales	3.74%	44.0%	2.50%	46.50%
June 1, 2028 - May 31, 2029	Based on retail sales	3.07%	47.0%	2.50%	49.50%
June 1, 2029 - May 31, 2030	Based on retail sales	2.21%	50.0%	2.50%	52.50%
June 1, 2030 - May 31, 2031	Based on retail sales	1.58%	50.0%	2.50%	52.50%
June 1, 2031 - May 31, 2032	Based on retail sales	1.40%	50.0%	2.50%	52.50%
June 1, 2032 - May 31, 2033	Based on retail sales	1.10%	50.0%	2.50%	52.50%

*\*\*The TREC Obligation expressed as a percentage of retail sales in a given energy year will not be known until each energy year when the volume of retail sales subject to the RPS has been determined.\*\**

# Aggregation Renewable Pricing Options

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- Enables municipality to influence the source of electricity supply to the region
- Provides environmental benefits
- Cost savings over utility PTC not mandated
- Potential to earn points with Sustainable Jersey through an R-GEA program

# Sample JCP&L Bill



Bill Based On: Actual Meter Reading, Prorated Bill

Page 1 of 2  
J79

Billing Period: Apr 27 to May 26, 2017 for 30 days

Bill For: JOHN Q CUSTOMER  
123 ANYSTREET  
CITY ST 12345-6789

A  
B

May 31, 2017

Account Number: 000 000 000 000

Amount Due: \$00.00

C

Due Date: June 15, 2017

00-AUDIT

To report an emergency or an outage, call 24 hours a day 1-888-544-4877. For Customer Service, call 1-800-662-3115. For Payment Options, call 1-800-962-0383. Pay your bill online at [www.firstenergycorp.com](http://www.firstenergycorp.com)  
Bill issued by: JCP&L, PO Box 16001, Reading PA 19612-6001

D

## Messages

### \*\* REMINDER NOTICE \*\*

When this bill was prepared, your account had an unpaid balance. If you have already made this payment, thank you. If not, please promptly pay the overdue amount. Call us if you have questions or for information on payment arrangements.

Se dispone de avisos de terminación en español. Mensaje de cuenta. Los usuarios que poseen un balance de cuenta vencido reciben un aviso por correo indicando que se les puede suspender el suministro de electricidad. Si usted necesita recibir esos avisos en español, haga el favor de llamarlos al 1-800-662-3115.

The Basic Generation Service price per kWh listed in the charges box is the price to compare. In order to save money, you must buy your electricity from a supplier at a price THAT IS LESS than your JCP&L price to compare.

Your next meter reading is scheduled to occur on or about Jun 26, 2017.

For your safety, if your service has been disconnected, do not attempt to reconnect it. While this is illegal and could result in prosecution, removing a meter base or touching any of the wires can also cause death or serious injury through arcs of electricity, explosions or fire. Meters are only to be accessed by authorized utility personnel.

An important message to dog owners - to ensure that our meter readers' visits to your home are safe and productive, please keep your dog secured in an area away from the path to your meter.

All of our employees wear photo ID badges. Always ask for an employee's ID before letting anyone in your home. If you are still not sure, please call the company.

## Account Summary

E

Previous Balance	00.00
Payments/Adjustments	00.00
<b>Balance at Billing on May 31, 2017</b>	<b>000.00</b>
JCP&L - Consumption	00.00
JCP&L - Misc. Charges	-0.00
<b>Total Current Charges</b>	<b>00.00</b>
<b>Amount Due by Jun 15, 2017</b>	<b>\$000.00</b>

## Usage Information for Meter Number 00000000

May 26, 2017 KWH Reading (Actual)	00.000
Apr 27, 2017 KWH Reading (Actual)	00.000
KWH used	000

## Charges From JCP&L

When contacting an Electric Generation Supplier, please provide the following.		
Customer Number: 0000000000 0000000000		
Rate: Residential Service JC_RS_01D		
<b>Customer Charge</b>	<b>0.00</b>	
Basic Generation Service	299 KWH x 0.097224	00.00
Delivery Service Charges	299 KWH x 0.044013	00.00
<b>Current Consumption Bill Charges</b>	<b>00.00</b>	
Security Deposit Interest	-0.00	
<b>Total Charges</b>	<b>\$00.00</b>	

## Detail Payment and Adjustment Information

05/20/17 Deactivated Installment Plan	000.00
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## Billing Information for Electric Generation Supplier

Electric Generation Supplier

123 ANYSTREET, CITY ST 12345-6789  
Customer Service: 1-877-404-0842  
Account Number: 0000000000 Rate: BILL-READY

Billing Period: May 25, 2017 to Jun 25, 2017

Generation And Transmission @ \$0.074

Bill Ready Taxes

**Total**

**Current Charges**

## Detail Payment and Adjustment Information

05/20/17 Payment

000.00
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0.00
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000.00
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## Account Balances by Company

	Previous Balance	Payments/Adjustments	Current Charges	Amount Due
Penn Power	000.00	-000.00	000.00	000.00
Electric Generation Supplier	000.00	-000.00	000.00	000.00
<b>Total</b>	<b>000.00</b>	<b>-000.00</b>	<b>000.00</b>	<b>000.00</b>

Additional messages, if any, can be found on back.

## Usage History

J

# Program Benefits

- Consumer protections
  - No predatory contracting
  - No fees of any kind
  - Protection against seasonal or short term fixed and variable rates
- Reduced rates and budget stability
- Flexible participation for residents
- All current services are still provided by utility
- Residents will continue to receive one bill from their utility
- Budget Billing / Equal Payment Plans
- All outreach done by our team and is tailored to your municipality
- Reporting tool for participating municipalities with option for residents
  - View and track savings through the program
  - Residents can opt-in, opt-out and choose program options
    - Default Standard Option
    - Enhanced Renewable % Options

# Cooperative Experience

- Sussex-Warren Area Energy Cooperative – established 2016  
Fredon (Lead Agency), Andover Borough, Blairstown,  
Branchville, Green, Hardwick, Harmony, Hope, Oxford and  
Stanhope; in 2019 added Alpha, Phillipsburg and Stillwater

Auction Date	Award	Start Date	End Date	Extension	New End Date	Notes
11/9/2016	20 months	3/1/2017	4/30/2018	6 months	10/31/2018	
7/19/2017	13 months	10/1/2017	10/31/2018	none		3 new towns
8/28/2018	22 months	3/1/2019	5/30/2020	6 months	12/31/2020	
				12 months	12/31/2021	
9/22/2021	none					
10/22/2021	none					
6/21/2022	none					
9/12/2023	none					
5/29/2024	15 months	9/1/2024	11/30/2025			

Actual Savings to date: \$2,097,345

# Cooperative Savings

## SWAEC - Program Savings

Municipality	Usage (kWh)	Utility	Savings	Period
Alpha	6,071,958	JCPL	\$31,439.34	10/1/2019-11/1/2021
Andover	8,421,599	JCPL	\$68,746.76	4/1/2017-11/1/2021
Blairstown	33,135,082	JCPL	\$145,083.72	5/1/2017-11/1/2021
Branchville	4,384,350	JCPL	\$21,420.31	4/1/2019-11/1/2021
Fredon Township	36,998,875	JCPL	\$302,989.08	4/1/2017-11/1/2021
Frelinghuysen Township	12,432,210	JCPL	\$52,170.53	12/1/2017-12/1/2020
Green Township	34,704,589	JCPL	\$181,969.13	12/1/2017-11/1/2021
Hardwick Township	14,975,694	JCPL	\$124,708.21	4/1/2017-11/1/2021
Harmony Township	24,937,029	JCPL	\$211,119.28	4/1/2017-11/1/2021
Hope Township	19,248,615	JCPL	\$167,605.92	4/1/2017-11/1/2021
Knowlton Township	23,005,592	JCPL	\$196,840.18	4/1/2017-12/1/2020
Oxford Township	14,365,585	JCPL	\$64,591.43	2/1/2018-11/1/2021
Phillipsburg	27,448,645	JCPL	\$140,771.61	11/1/2019-11/1/2021
Stanhope	33,274,372	JCPL	\$282,085.09	4/1/2017-11/1/2021
Stillwater Township	19,561,926	JCPL	\$105,805.14	10/1/2019-11/1/2021
<b>GRAND TOTAL</b>	<b>312,966,121</b>		<b>\$2,097,345.73</b>	

# Cooperative Experience

- Hunterdon Area Energy Cooperative – established 2018 Califon (Lead Agency), Bethlehem, Town of Clinton, and Washington Township (Morris County); in 2020 added Alexandria, Chester Township, Delaware, Frenchtown, Kingwood, Lambertville, Mendham Township, High Bridge, Borough of Peapack & Gladstone, Flemington Township, Hopewell Township, Pennington Borough, Millburn Township and New Brunswick

Auction Date	Award	Start Date	End Date	Extension	New	End Date	Notes
6/26/2018	21 months	2/1/2019	10/31/2020	2 months		12/31/2020	
6/16/2020	9 months	3/1/2021	11/30/2021	none			
8/19/2020	none						2 new towns (PSE&G & JCP&L)
3/30/2021	none						2 new towns (PSE&G & JCP&L)
5/20/2021	none						1 new town (PSE&G)
9/22/2021	none						
10/22/2021	none						
5/10/2022	none						PSE&G towns
6/22/2022	none						JCP&L towns
10/25/2022	none						
8/30/2023	none						
5/22/2024	15 months	9/1/2024	11/30/2025				JCP&L towns

Actual Savings to date: \$1,624,261

# Cooperative Savings

## HAEC - Program Savings

Municipality	Usage (kWh)	Utility	Savings	Period
Alexandria Township	9,169,427	JCPL	\$54,409.45	4/1/2021-11/1/2021
Bethlehem Township	27,403,632	JCPL	\$161,911.33	4/1/2019-11/1/2021
Califon	6,683,188	JCPL	\$39,414.20	4/1/2019-11/1/2021
Chester Township	41,572,742	JCPL	\$231,476.83	4/1/2020-11/1/2021
Clinton	17,605,243	JCPL	\$101,944.84	4/1/2019-11/1/2021
Delaware Township	19,828,886	JCPL	\$111,022.78	4/1/2020-11/1/2021
Frenchtown	5,111,404	JCPL	\$28,345.66	5/1/2020-11/1/2021
High Bridge	5,790,636	JCPL	\$36,304.65	4/1/2021-11/1/2021
Kingwood Township	14,134,264	JCPL	\$78,715.06	4/1/2020-11/1/2021
Lambertville	16,181,025	JCPL	\$88,553.96	4/1/2020-11/1/2021
Mendham Township	37,976,878	JCPL	\$207,239.55	3/1/2020-11/1/2021
Peapack-Gladstone	6,550,244	JCPL	\$36,345.43	4/1/2021-11/1/2021
Washington Township	95,537,598	JCPL	\$448,488.17	4/1/2019-11/1/2021
<b>GRAND TOTAL</b>	<b>303,563,348</b>		<b>\$1,624,261.41</b>	

# Cooperative Experience

- Monmouth-Ocean Area Energy Cooperative – established 2018; includes Farmingdale (Lead Agency), Lake Como, Manasquan, Ocean Township (Ocean County), and Point Pleasant Beach; 1 auction and 2 program extensions

Auction Date	Award	Start Date	End Date	Extension	New End Date	Notes
12/18/2018	6 months	6/1/2019	11/30/2019	12 months	11/30/2020	
				12 months	11/30/2021	
9/22/2021	none					
10/22/2021	none					
6/21/2022	none					
9/6/2023	none					
5/29/24	none					
8/20/24						

**Actual Savings to date: \$530,290**

# Cooperative Savings

## MOAEC - Program Savings

Municipality	Usage (kWh)	Utility	Savings	Period
Farmingdale	5,621,670	JCPL	\$20,461.30	6/1/2019-11/1/2021
Lake Como	7,229,190	JCPL	\$26,141.22	6/1/2019-11/1/2021
Manasquan	39,858,484	JCPL	\$144,063.38	6/1/2019-11/1/2021
Ocean Township	44,357,593	JCPL & ACE	\$164,302.97	6/1/2019-11/1/2021
Point Pleasant Beach	43,720,294	JCPL	\$175,321.60	6/1/2019-11/1/2021
<b>GRAND TOTAL</b>	<b>140,787,231</b>		<b>\$530,290.47</b>	

# Cooperative Experience

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- Sustainable Monmouth Alliance Energy Aggregation Program
  - established 2021 with a focus on additional renewable energy options for residents; Red Bank (Lead Agency), Aberdeen, Asbury Park, Bradley Beach, Eatontown, Freehold Borough, Holmdel, and Matawan

Auction Date	Award	Start Date	End Date	Extension	New End Date	Notes
11/15/2022	none					

# Cooperative Experience

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- Garden State Community Energy Cooperative – established 2023; Lincoln Park (Lead Agency), Jefferson Township, and Mount Olive

Auction Date	Award	Start Date	End Date	Extension	New End Date	Notes
6/25/24						

# Next Steps

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- It is important to inform residents about the program early in the process in establishing the CEA program and/or joining an Energy Aggregation Cooperative (being part of a program with other municipalities).
- Should the City of Summit decide to move forward with establishing the CEA program, the City Common Council will need to pass an ordinance. If the City of Summit would like to join an Energy Aggregation Cooperative, the City Common Council will also need to adopt a resolution in order to do so.
- If the City of Summit decides to offer a program to residents, eligible residents will be notified in writing, and the City will schedule public information sessions.
- There is nothing that residents need to do at this time.

# About Our Team

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- Over 70 combined years of Utility/Regulatory, Retail Energy Sales & Energy Advisory and Consulting Experience
- All education and outreach efforts, mailings and response tracking done internally – not passed on to third party supplier
- Currently running multiple successful GEA programs in NJ
- In-house proprietary Energy Auction Platform which meets all DCA requirements for online bidding.
- Built custom proprietary NJ Municipal Aggregation Tracking Software
- We are a local NJ Team committed to succeed

# About Our Team

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- Concord established in 1989 – multiple state contracts
  - New Jersey State Energy Consulting Contract #T-2000 (July 2013 - January 2022)
  - Currently representing over 200 NJ local government entities for Municipal and County Energy Aggregation programs
- CUC established in 1975 – over 10,000 clients
- Concord & CUC have served as energy consultants to GEA programs in 99 municipalities in New Jersey
- Concord & CUC currently manage 5 large CEA Cooperatives in New Jersey
- Managing the largest CEA Cooperative in the state with 17 municipalities