



a division of Joule Assets, Inc.

Joule Assets, Inc.

Community Choice Aggregation 2021 Annual Report

3.31.2021
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Purpose:

This report is hereby submitted by Joule Assets, Inc. (“Joule”) on behalf of applicable municipalities in New York State in accordance with annual reporting requirements established in New York Public Service Commission “Order Authorizing Framework for Community Choice Aggregation Opt-Out Program” (effective April 21, 2016) and “Order Approving Joule Assets’ Community Choice Aggregation Program with Modifications” (effective March 16, 2018) in Case #14-M-0224.

In 2021, Joule served as Community Choice Aggregation (CCA) Administrator for active Programs in 24 municipalities, 11 in Central Hudson territory, 6 in Orange & Rockland territory, and 1 in New York State Electric & Gas territory, 4 in Rochester Gas and Electric territory, and 2 in National Grid Service Territory. 17 municipalities were in operation at the beginning of 2021, and 7 municipalities began their programs during the year. 1 municipality left the program during the year.

In relation to its CCA programs, Joule has been ordered to report on an annual basis on:

1. Number of customers who opted-out in response to the initial opt-out letters (first report only);
2. Number of customers served;
3. Number of customers that cancelled during the year;
4. Comparison between monthly and annual utility supply price (for each product) and the CCA contract price for the reporting period;
5. Number of complaints received during the reporting period;
6. Value-added services provided during the year;
7. Administrative costs collected;
8. If the CCA supply contract will expire less than one year following the filing of the annual report: Current plans for soliciting a new contract, negotiating an extension, or ending the CCA program; and
9. Updates, upcoming plans, details for any unusual reporting metrics, or additional information

In relation to CDG, Joule has been ordered to report on an annual basis on:

1. Overall number of CDG projects;
2. Number of CDG Projects that began in 2021;
3. Number of municipalities who choose to offer CDG credits;
4. Overall number of CDG subscribers;
5. Number of complaints received by the CCA liaison related to CDG; and
6. Number of customers who opted-out of the CDG membership

Community Choice Aggregation Reporting

In 2021 Joule served communities in a total of five utility service territories. NYSEG and National Grid service territories contains Joule's Finger Lakes Community Choice aggregation. Central Hudson service territory contains Joule's Hudson Valley Community Power aggregation. Orange & Rockland service territory contains Joule's Rockland Community Power aggregation. Rochester Gas and Electric service territory contains Joule's Monroe Community Power, Gateway Community Power, and Rochester Community Power Aggregations.

Annual reporting information for the year 2021 was impacted for Central Hudson municipalities as a consequence of Central Hudson's transition to a new customer information system. This new system caused a litany of errors that have impacted information transfer to both customers and ESCOs, including the ESCO for the Hudson Valley Community Power CCA, Columbia Utilities (Indra Energy). This has impaired Joule's access to accurate information on the customers being served from August of 2021 to December 2021, the period of 2021 effected by these technology issues. The information in this report for these months is a combination of limited data provided by Columbia, and estimates based on past usage and historical trends. Joule will provide an update with revised numbers once the Central Hudson issues have been resolved.

Joule conducted customer refreshes in most participating municipalities at various points throughout 2021. Customer refreshes ensure that customers who have newly moved into the municipality and become eligible for the program are given the opportunity to take advantage of CCA program rates and the renewable energy offering. The refresh schedule for 2021 was as follows:

Orange and Rockland

- All municipalities in April of 2021

Rochester Gas and Electric

- Brighton, Victor, and Canandaigua in April of 2021

Central Hudson:

- None; contract renewal in July of 2021

National Grid

- None; contract start date in September 2021

NYSEG

- None; contract renewal in July of 2021

1. Initial Opt-Outs:

Initial Opt-Outs for New Programs 2021			
Municipality	Initial Customer Mail List	Initial Opt-Outs	Opt-Out Rate
Town of Saugerties	6,710	1,945	29%
Central Hudson Total	6,710	1,945	29%
Village of Lima	700	114	16%
Village of Brockport	2,259	164	7%
National Grid Total	2,959	278	9%
Town of Brighton	13,524	1,744	13%
City of Canandaigua	4,376	1,363	31%
Village of Victor	1,011	92	9%
City of Rochester	56,343	9,142	16%
RGE Total	75,254	12,341	16%
Total	84,923	14,564	17%

*Data for the City of Canandaigua appears unusually high as a result of the timing of meter reads (sometimes a customer has two in one month).

2. Customers Served: Accounts by Month (Includes both Residential and Small Commercial)

2021 Customers Served			
Municipality	Jan 2021 Account Total	Dec 2021 Account Total	Percent Change
Town of Geneva	491	451	-8%
NYSEG TOTAL	491	451	-8%
City of Beacon	3,114	3,068	-1%
Town of Clinton	1,309	1,290	-1%
Village of Cold Spring	651	641	-1%
Town of Fishkill	4,573	-	N/A
Town of Marbletown	2,115	2,084	-1%
Town of New Paltz	1,940	1,912	-1%
Village of New Paltz	1,287	1,268	-1%
Town of Philipstown	1,823	1,796	-1%
City of Poughkeepsie	5,501	5,420	-1%
Town of Red Hook	1,435	1,414	-1%
Town of Saugerties	N/A	N/A	N/A
Central Hudson Total	23,748	18,894	-20%
Town of Clarkstown	15,700	15,570	-1%
Village of Haverstraw	1,733	1,634	-6%
Village of Nyack	1,968	1,838	-7%
Town of Orangetown	7,561	7,490	-1%
Village of South Nyack	625	550	-12%
Village of Upper Nyack	472	488	3%
ORU Total	28,059	27,570	-2%
Village of Brockport	-	1,183	N/A
Village of Lima	-	414	N/A
National Grid Total	-	1,597	N/A
Town of Brighton	7,885	12,392	57%
City of Canandaigua	5,860	3,291	-44%
Village of Victor	1,510	688	-54%
City of Rochester	-	38,492	N/A
RG&E Total	15,255	54,863	260%
Overall Total	67,553	103,375	N/A

* Numbers for Central Hudson were affected by the data issues described at the beginning of this report. December 2021 numbers represent an estimate

** The aggregations for the municipalities of Brighton, Victor, and Canandaigua started in January, but for the sake of clarity, the numbers used in the January 2021 column are actually from April of 2021 when data issues were resolved

2021 Customers Served (4 Month Averages)			
Municipality	Jan-April	May-Aug	Sep-Dec
Town of Geneva	475	452	451
NYSEG TOTAL	475	452	451
City of Beacon	2,875	2,537	3,108
Town of Clinton	1,280	960	1,306
Village of Cold Spring	657	641	650
Town of Fishkill	4,272	2,688	-
Town of Marbletown	1,999	1,769	2,111
Town of New Paltz	1,795	1,437	1,936
Village of New Paltz	1,237	1,116	1,284
Town of Philipstown	1,912	1,456	1,819
City of Poughkeepsie	5,365	4,267	5,490
Town of Red Hook	1,486	1,331	1,432
Town of Saugerties	-	-	-
Central Hudson Total	2,2877	18,203	23,700
Town of Clarkstown	1,3339	15,019	15,730
Village of Haverstraw	1,295	1,566	1,677
Village of Nyack	1,634	1,835	1,787
Town of Orangetown	6,888	7,317	7,576
Village of South Nyack	593	559	592
Village of Upper Nyack	354	453	489
ORU Total	24,102	26,748	27,850
Village of Brockport	-	-	296
Village of Lima	-	-	209
National Grid Total	-	-	505
Town of Brighton	6,526	10,375	10,519
City of Canandaigua	2,159	3,084	3,029
Village of Victor	576	705	740
City of Rochester	-	130	36,836
RG&E Total	-	130	36,836
Overall Total	47,454	45,532	89,342

This table shows 3 periods of 4-month averages to illustrate how customer numbers changed over the course of the year. It smooths out the variations of customer numbers from month to month that typically occur because of timing of meter reads.

Mid-year increases in customer count are the result of either refreshes or contract renewals, which are detailed at the beginning of this report.

3. Customers Canceling During the Year:

2021 Cancellations	
Municipality	Cancellations
Town of Geneva	236
NYSEG Total	236
City of Beacon	1,044
Town of Clinton	802
Village of Cold Spring	97
Town of Fishkill	354
Town of Marbletown	400
Town of New Paltz	814
Village of New Paltz	420
Town of Philipstown	138
City of Poughkeepsie	3,123
Town of Red Hook	399
Town of Saugerties	1,945
Central Hudson Total*	7,591
Town of Clarkstown	4,617
Village of Haverstraw	735
Village of Nyack	791
Town of Orangetown	1,725
Village of South Nyack	348
Village of Upper Nyack	108
ORU Total	8,324
Village of Brockport	45
Village of Lima	14
National Grid Total	59
City of Rochester	10,388
RG&E Total	10,388
Overall Total	26,598

* Due to persistent billing issues in Central Hudson territory, it has been difficult to determine the true number of customers leaving the program (unless they contact us directly). The numbers for the majority of Central Hudson communities are determined by the count at the end of July (last accurate data). The numbers for Saugerties only represent the opt-out period, as Saugerties began service after the Central Hudson billing issues began

4. Comparisons between utility supply price and CCA contract price:

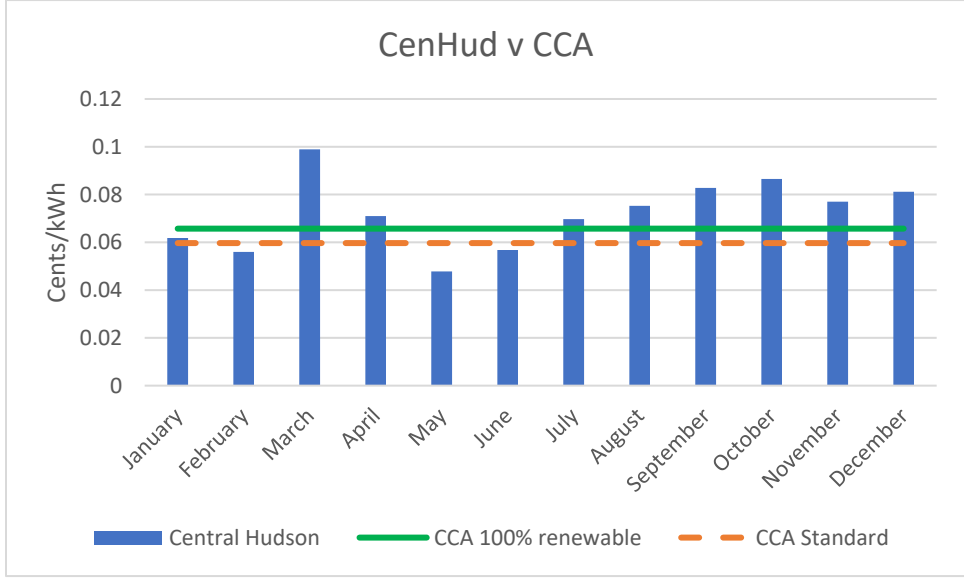
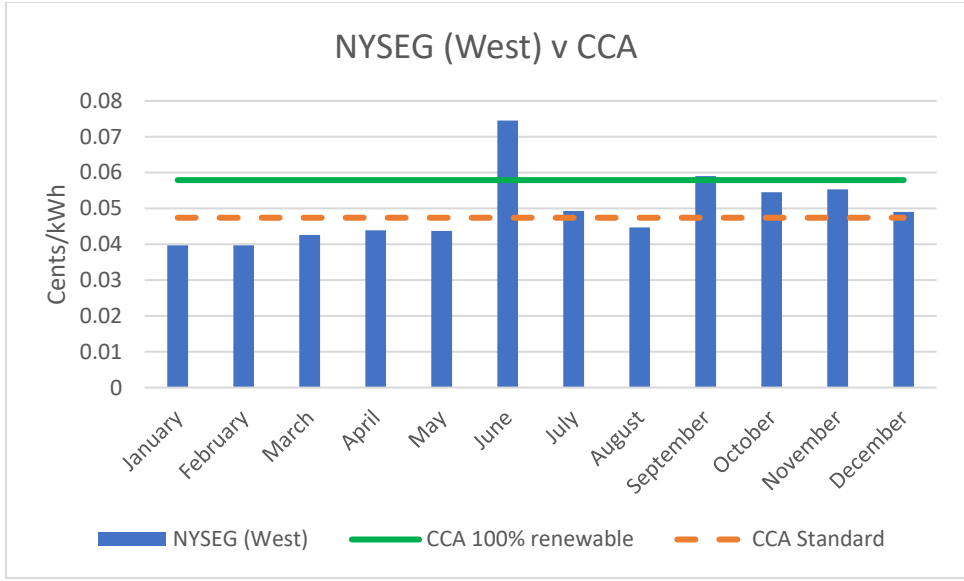
The participating municipalities are covered by contracts with three different electricity suppliers. Eleven of the participating municipalities in Central Hudson and NYSEG territory are receiving energy from Indra Energy (Columbia Utilities), for fixed rate contracts with two supply options: Standard (grid mix), and 100% Renewable (New York State Environmental Disclosure Program Compliant). Ten of the participating municipalities in Orange & Rockland, NYSEG, National Grid, and RG&E service territories are receiving energy from Constellation, for fixed rate contracts with two supply options: Standard and 100% Renewable. Three of the participating municipalities are receiving electricity supply from Icon Energy, for fixed rate contracts with one supply option: 100% Renewable.

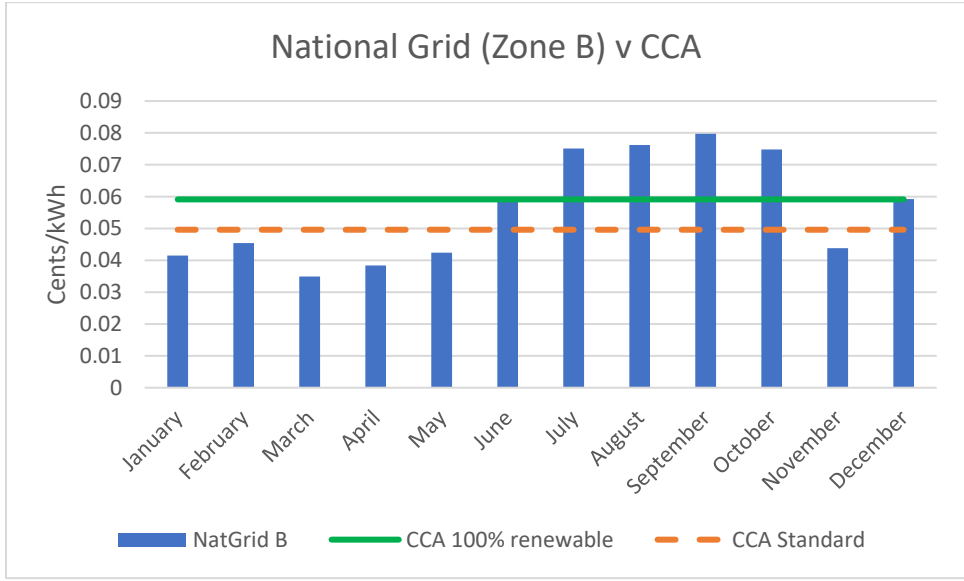
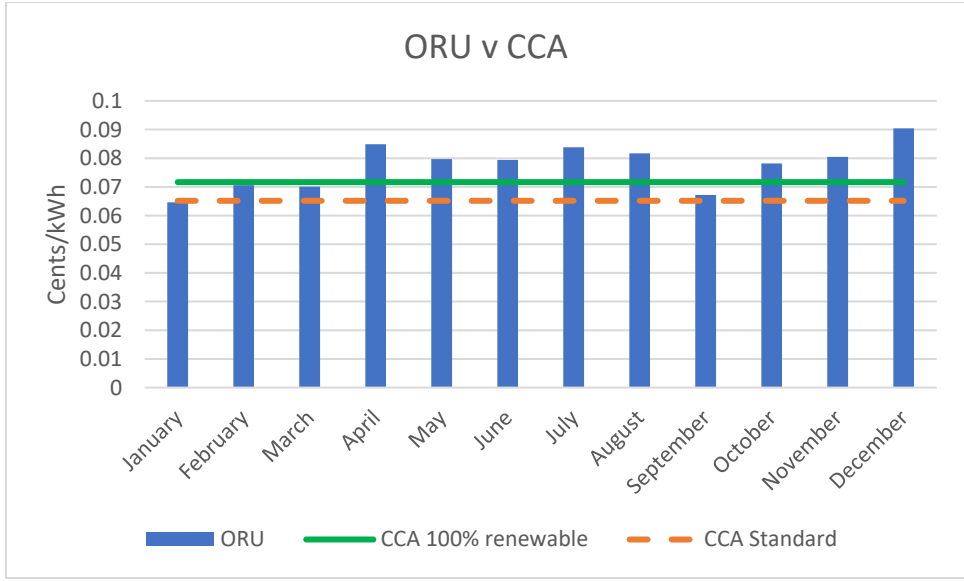
2021 Commodity Prices ¢/kWh						
Product	NYSEG	Central Hudson	O&R	National Grid	RG&E	
Aggregation	FLCC*	HVCP**	RCP***	FLCC	Monroe/Gateway	Rochester
Residential						
CCA 100% renewable	0.0579	0.06573	0.07167	0.05912	0.04292	0.0580
CCA standard	0.0474	0.05968	0.06515	0.0496	N/A	N/A
Utility 12-month trailing average	0.0511	0.07129	0.07759	0.05412	0.0494	0.0494
Small Commercial						
CCA 100% renewable	0.0579	0.07112	0.07167	0.05934	0.04292	0.05877
CCA standard	0.0478	0.06215	0.06515	0.04982	N/A	N/A
Utility 12-month trailing average	0.0504	0.07300	0.07759	0.05038	0.0490	0.0490

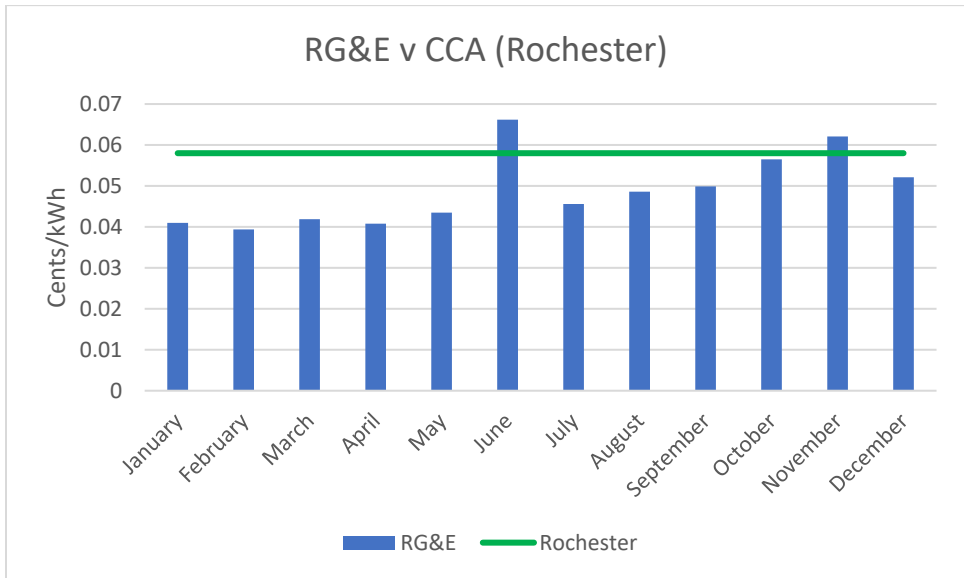
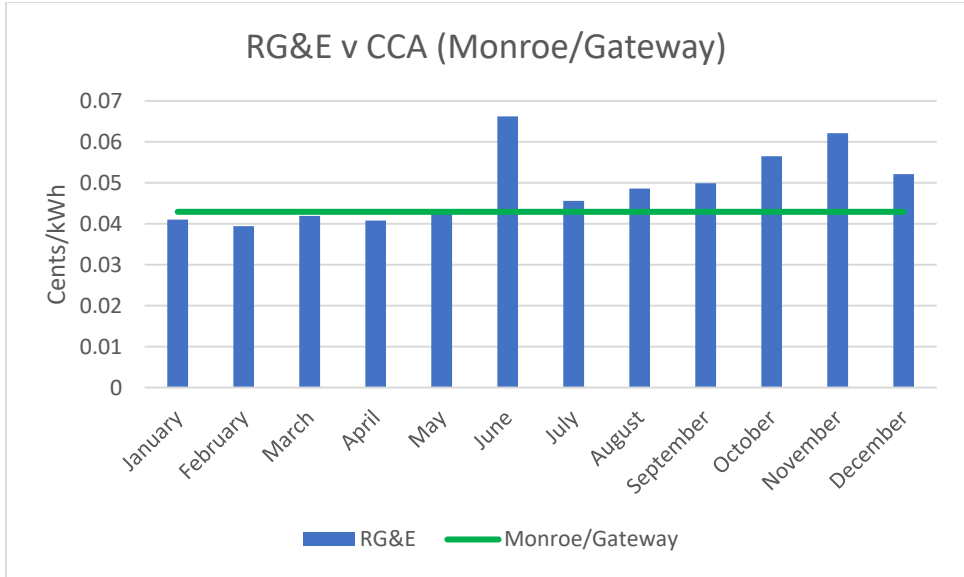
*FLCC: Town of Geneva has also offered a 50% renewable offering; no one has selected that offering

**HVCP: Towns of Red Hook and Saugerties only offer 100% renewable offering; Town of Saugerties residential supply is 0.07289 and small commercial supply is 0.07176

***RCP: Town of Orangetown default is standard supply







Electricity Consumption (kWh) 2021			
Municipality	100% Renewable	Standard	Total
Town of Geneva	3,582,857	53,539	3,636,396
NYSEG Total	3,582,857	53,539	3,636,396
City of Beacon	25,436,897	245,359	25,682,256
Town of Clinton	13,263,560	233,561	13,497,121
Village of Cold Spring	5,280,427	34,978	5,315,405
Town of Fishkill	18,805,249	244,401	19,049,650
Town of Marbletown	18,802,719	170,277	18,972,996
Town of New Paltz	21,022,286	145,912	21,168,197
Village of New Paltz	8,938,403	25,026	8,963,429
Town of Philipstown	24,877,473	179,200	25,056,673
City of Poughkeepsie	42,460,646	288,685	42,749,330
Town of Red Hook	16,398,146	124,580	16,522,725
Town of Saugerties	-	-	-
Central Hudson Total	195,285,804	1,691,978	196,977,782
Town of Clarkstown	154,789,235	1,150,395	155,939,630
Village of Haverstraw	11,384,800	15,163	11,399,963
Village of Nyack	12,816,409	78,780	12,895,189
Town of Orangetown	155,721	77,119,906	77,275,627
Village of South Nyack	3,797,942	39,033	3,836,975
Village of Upper Nyack	5,003,774	39,019	5,042,793
ORU Total	187,947,880	78,442,297	266,390,177
Village of Brockport	699,137	-	699,137
Village of Lima	701,455	6,945	708,400
National Grid Total	1,400,592	6,945	1,407,537
Town of Brighton	64,860,683	-	64,860,683
City of Canandaigua	19,109,729	-	19,109,729
Village of Victor	5,897,775	-	5,897,775
City of Rochester	59,289,671	-	59,289,671
RG&E Total	149,157,858	-	149,157,858
Overall Total	537,374,991	80,194,760	617,569,751

Electricity Consumption (kWh) 2021													
Municipality	Usage (kWh) Jan	Usage (kWh) Feb	Usage (kWh) Mar	Usage (kWh) Apr	Usage (kWh) May	Usage (kWh) Jun	Usage (kWh) Jul	Usage (kWh) Aug	Usage (kWh) Sep	Usage (kWh) Oct	Usage (kWh) Nov	Usage (kWh) Dec	Total
Town of Geneva	343,933	314,670	289,674	275,293	268,000	270,659	358,799	303,647	338,421	239,120	308,888	325,292	3,636,396
NYSEG Total	343,933	314,670	289,674	275,293	268,000	270,659	358,799	303,647	338,421	239,120	308,888	325,292	3,636,396
City of Beacon	2,619,860	2,033,646	2,241,773	1,760,180	1,683,349	1,693,896	2,149,326	2,573,322	2,639,687	2,019,777	1,937,266	2,330,174	25,682,256
Town of Clinton	1,397,794	1,228,074	1,395,180	1,122,063	835,322	597,834	785,050	1,372,964	1,408,373	1,077,627	1,033,604	1,243,236	13,497,121
Village of Cold Spring	525,178	543,069	383,617	399,634	405,297	351,199	402,072	515,849	529,153	404,885	388,345	467,107	5,315,405
Town of Fishkill*	4,175,500	3,384,100	3,731,033	2,930,154	2,799,721	2,029,142	-	-	-	-	-	-	19,049,650
Town of Marbletown	1,902,998	1,948,495	1,444,852	1,605,458	1,257,396	1,089,768	1,370,564	1,869,194	1,917,400	1,467,114	1,407,179	1,692,578	18,972,996
Town of New Paltz	2,290,687	1,691,216	2,086,236	1,530,140	1,256,111	1,150,888	1,107,642	2,249,996	2,308,023	1,766,002	1,693,857	2,037,399	21,168,197
Village of New Paltz	872,819	743,480	871,030	623,562	606,878	701,360	712,944	857,315	879,425	672,899	645,409	776,309	8,963,429
Town of Philipstown	2,549,328	2,306,259	2,697,444	1,970,481	1,672,146	2,087,912	582,486	2,504,043	2,568,622	1,965,401	1,885,110	2,267,441	25,056,673
City of Poughkeepsie	4,280,522	3,992,464	3,988,499	3,420,580	2,941,937	2,330,514	3,004,890	4,204,485	4,312,917	3,300,063	3,165,249	3,807,211	42,749,330
Town of Red Hook	1,636,039	1,621,224	1,464,048	1,202,339	983,147	1,151,017	1,283,299	1,606,977	1,648,421	1,261,302	1,209,775	1,455,137	16,522,725
Town of Saugerties	-	-	-	-	-	-	-	-	-	-	-	-	-
Central Hudson Total	22,250,725	19,492,027	20,303,712	16,564,591	14,441,304	13,183,530	11,398,273	17,754,145	18,212,020	13,935,070	13,365,795	16,076,590	196,977,782

* Service for Fishkill ended in July of 2021 after they chose not to participate in the contract renewal

Electricity Consumption (kWh) 2021

Municipality	Usage (kWh) Jan	Usage (kWh) Feb	Usage (kWh) Mar	Usage (kWh) Apr	Usage (kWh) May	Usage (kWh) Jun	Usage (kWh) Jul	Usage (kWh) Aug	Usage (kWh) Sep	Usage (kWh) Oct	Usage (kWh) Nov	Usage (kWh) Dec	Total
Town of Clarkstown	14,640,088	5,202,302	11,647,798	9,921,332	9,720,646	13,486,593	17,976,778	19,052,104	18,949,180	12,827,259	10,360,106	12,155,444	155,939,630
Village of Haverstraw	1,087,123	79,007	972,908	807,078	711,587	929,686	1,205,275	1,315,453	1,482,811	1,049,118	826,254	933,663	11,399,963
Village of Nyack	1,400,415	425,820	1,012,647	839,297	797,108	1,051,398	1,413,846	1,516,928	1,587,250	932,775	886,737	1,030,968	12,895,189
Town of Orangetown	6,529,476	4,103,172	5,293,650	4,642,536	5,099,817	7,076,625	9,275,602	9,626,317	8,585,314	5,935,732	5,163,196	5,944,190	77,275,627
Village of South Nyack	318,033	324,442	250,653	215,304	221,881	324,466	429,926	525,503	407,482	273,165	253,059	293,061	3,836,975
Village of Upper Nyack	481,438	5,501	470,170	375,832	306,779	378,131	533,558	610,916	650,403	483,925	368,175	377,965	5,042,793
ORU Total	24,456,573	10,140,244	19,647,826	16,801,379	16,857,818	23,246,899	30,834,985	32,647,221	31,662,440	21,501,974	17,857,527	20,735,291	266,390,177
Village of Brockport	-	-	-	-	-	-	-	-	-	-	-	699,137	699,137
Village of Lima	-	-	-	-	-	-	-	-	-	-	338,456	369,944	708,400
National Grid Total	-	-	-	-	-	-	-	-	-	-	338,456	1,069,081	1,407,537
Town of Brighton	11,300	3,973,688	4,233,526	5,816,369	4,632,628	7,818,510	5,059,845	7,012,835	7,975,546	7,332,286	4,100,298	6,893,852	64,860,683
City of Canandaigua	190	1,054,861	2,471,001	1,426,143	1,544,204	1,629,684	1,888,636	1,938,510	1,966,349	2,003,388	1,341,512	1,845,251	19,109,729
Village of Victor	1,792	350,880	636,420	575,187	294,293	488,203	60,2119	647,071	748,575	519,222	489,053	544,960	5,897,775
City of Rochester	-	-	-	-	-	-	-	-	214,017	19,667,359	18,191,932	21,216,363	59,289,671
RG&E Total	13,282	5,379,429	7,340,947	7,817,699	6,471,125	9,936,397	7,550,600	9,598,416	10,904,487	29,522,255	24,122,795	30,500,426	149,157,858
Overall Total	47,064,513	35,326,370	47,582,159	41,458,962	38,038,247	46,637,485	50,142,657	60,303,429	61,117,368	65,198,419	55,993,461	68,706,680	617,569,751

Spikes in usage also correspond with customer refreshes, which are outlined in the beginning of this report.

5. Number of Complaints Received by CCA Liaison:

2021 CCA Complaints				
Utility Zone	Enrolled without notice	Difficulty enrolling or dropping	Program Dissatisfaction	Total
CenHud	3	1	4	8
NYSEG	-	-	-	-
ORU	-	-	5	5
National Grid	-	-	-	-
RG&E	10	18	13	41
Overall Total	13	19	22	54

6. Value-Added Services Provided:

See Section on CDG for more info on value added services.

7. CCA Administrative Costs Collected:

Joule collects administrative fees at a rate of \$0.0008/kWh on the energy it supplies to its CCA programs. Administrative fees are collected from all program suppliers, Columbia, Source Power, and Constellation, for their respective supply.

Joule evenly shares its CCA Administrative fees with Local Organizers that oversee local operations for Joule's member municipalities. Fees are dispersed to Roctricity, who covers municipalities in NYSEG, RG&E, and National Grid territories, and Hudson Valley Energy who covers municipalities in Central Hudson and ORU service territories.

All fees collected have contributed to core Program operational costs (i.e. staff salaries, facility and equipment expenses, travel and meetings expenses, and production of Program materials).

2020 Administrative Fees	
Aggregation	Fees Collected
Hudson Valley Community Power	\$ 94,107.33*
Rockland Community Power	\$ 213,112.14
Finger Lake Community Choice	\$ 4,035.15
Monroe Community Power	\$ 51,888.55
Gateway Community Power	\$ 20,006.00
Rochester Community Power	\$ 47,431.74
Total	\$ 430,580.91

*Persistent billing issues in Central Hudson have impacted commissions for Hudson Valley Community Power, this number represents actual commissions collected to date which is significantly less than electricity supplied

8. Plans for Renewal:

Joule Assets currently serves as CCA administrator for 6 municipalities whose electricity supply contracts are set to expire in November of 2022. All 6 of these municipalities are part of Joule’s Rockland Community Power Aggregation. With contracts expiring in November, Joule has initiated a process to secure a new electricity contract for these municipalities. The Village of South Nyack will be dissolving into Orangetown, customer’s previously with a contract through South Nyack will be served through a contract with Orangetown.

Renewing Rockland Community Power Communities

Town of Clarkstown
Village of Nyack
Town of Orangetown
Village of South Nyack
Village of Upper Nyack
Village of Haverstraw

Rockland Community Power currently offers two fixed-rate electric supply options for participating customers supplied by Constellation. The default for 5 of the 6 communities is 100% New York State Renewable electricity. This reflects the desire of participating municipalities to supply their communities with 100% renewable energy sourced from New York State. One community has the standard grid mix as their default energy supply.

If customers do not want 100% renewable power, but still want to participate in the CCA program, they can choose the Standard supply option. Standard supply complies with New York State requirements for minimum renewable energy content, and closely mirrors the grid mix offered by the utility to basic supply customers. Standard supply is sourced predominantly from natural gas and nuclear generation, with roughly 15% renewable generation (mostly hydro).

Joule seeks to offer similar options when municipalities renew their contracts. Joule will solicit various options for default supply including bids for 100% renewable power with a standard fixed rate as an alternative option. Additional consideration will be given to price and term length to secure optimal rates for member municipalities.

9. Additional Information, Website Activity:

As a method of showing CCA customer engagement, Joule is including metrics on its websites.

Joule maintains websites specifically devoted to its aggregations and their member municipalities. Websites are resources for consumers to learn more about Program features and FAQ, rates, customer options, Program team, CDG offerings, to change enrollment/account status (including opt-out), and to contact Program staff.

Websites that cover 2021 CCA programs are elaborated on in the graphs below.

Website Visits	
joulecommunitypower.com	7,335
jouleassets.com	7,247
hudsonvalleycommunitypower.com	7,205
rocklandcommunitypower.com	4,845
monroecommunitypower.com	9,551
gatewaycommunitypower.com	762
genevacommunitypower.com*	N/A
choicecommunitypower.com	627
fingerlakescommunitychoice.com	2,600
rochestercommunitypower.com	8,055

* Geneva site was redirected to the Finger Lakes Community Choice Site

Unique Visitors	
joulecommunitypower.com	5,386
jouleassets.com	6,260
hudsonvalleycommunitypower.com	5,463
rocklandcommunitypower.com	3,670
monroecommunitypower.com	7,215
gatewaycommunitypower.com	569
genevacommunitypower.com	N/A
choicecommunitypower.com	566
fingerlakescommunitychoice.com	1,740
rochestercommunitypower.com	6,504

Page Views	
joulecommunitypower.com	16,143
jouleassets.com	10,413
hudsonvalleycommunitypower.com	13,912
rocklandcommunitypower.com	9,303
monroecommunitypower.com	19,304
gatewaycommunitypower.com	1,525
genevacommunitypower.com	N/A
choicecommunitypower.com	872
fingerlakescommunitychoice.com	4,668
rochestercommunitypower.com	12,230

Community Distributed Generation (CDG) Reporting

In relation to CDG, Joule has been ordered to report on an annual basis on:

1. Overall number of CDG projects;
2. Number of CDG Projects that began in 2021;
3. Number of municipalities who choose to offer CDG credits;
4. Overall number of CDG subscribers;
5. Number of complaints received by the CCA liaison related to CDG; and
6. Number of customers who opted-out of the CDG membership

CDG Projects:

Subscribers have been assigned to a total of 28 CDG Projects through the opt-in CDG enrolment campaigns.

Partner CDG Sponsors/subscription agreements were selected according to requisite customer terms to maximize consumer access, benefit, and flexibility:

- At least 10% customer discount (of VDER Credit value)
- No exit/early termination fees
- Soft or no credit check/FICO requirement

Opt-In CDG Projects							
Partner	Project Name	Utility	Location	Sponsor	Size (MW DC)	Status	Aggregation
AMPION	Bogart	CenHud	Palenville, NY	Bluebird Community Solar	3	Active	HVCP
AMPION	Reindeer	CenHud	Ellenville, NY	Bluebird Community Solar	3	Active	HVCP
NEXAMP	Rochester Accord	CenHud	Rochester-T, NY	Nexamp	5.57	Active	HVCP
NEXAMP	Rochester Airport Road	CenHud	Rochester-T, NY	Nexamp	5.581		HVCP
NEXAMP	Wappinger 9D	CenHud	Wappinger, NY	Nexamp	2.605	Active	HVCP
NEXAMP	Westerlo East	CenHud	Westerlo, NY	Nexamp	6.996		HVCP
NEXAMP	Westerlo West	CenHud	Westerlo, NY	Nexamp	6.996		HVCP
NEXAMP	Cream Street Solar	CenHud	Hyde Park, NY	Nexamp	4.9		HVCP
AMPION	New Beginnings Solar	CenHud	Kingston, NY	Bluebird Community Solar	3.024		HVCP
AMPION	Westerlo	CenHud	Westerlo, NY	Ameresco		Active	RCP

Opt-In CDG Projects							
Partner	Project Name	Utility	Location	Sponsor	Size (MW DC)	Status	Aggregation
DRS	Villa Roma	NYSEG	Callicoon, NY	Delaware River Solar	9272		FLCC/Geneva
DRS	Sackett 2	NYSEG	Monticello, NY	Delaware River Solar	2.4		FLCC/Geneva
DRS	Gaskill Rd.	NYSEG	Owego, NY	Delaware River Solar	6.3		FLCC/Geneva
AMPION	Davis	ORU	Goshen, NY	Bluebird Community Solar	3	Active	RocklandCP
AMPION	Middletown C	ORU	Middletown, NY	Ameresco	2.59	Active	RocklandCP
CLEARWAY	Fogarty	ORU		Clearway			RocklandCP
AMPION	McCarthy Solar LLC	ORU				Active	RocklandCP
AMPION	Middletown D	ORU	Middletown, NY	Ameresco			RocklandCP
AMPION	Angelica 1	RGE				Active	MCP
AMPION	Angelica 2	RGE				Active	MCP
AMPION	Angelica 3	RGE				Active	MCP
AMPION	Angelica 4	RGE				Active	MCP
AMPION	Bellisario 1	RGE	Lapeer, NY	NextEra Energy Resources			MCP
AMPION	Bellisario 3	RGE	Lapeer, NY	NextEra Energy Resources		Active	MCP
AMPION	Bennett	RGE	E. Bloomfield, NY	Abundant Solar Energy			MCP
AMPION	Brickchurch Solar	RGE	North Rose, NY	Bluebird Community Solar		Active	MCP
AMPION	Macedon	RGE	Macedon, NY	Abundant Solar Energy		Active	MCP
AMPION	Williamson 3	RGE	Williamson, NY	Abundant Solar Energy		Active	MCP

Subscribers have been assigned to 4 projects through Joule’s Opt-Out CDG Program. The requirements and standards for opt-out CDG projects are the same as for opt-in projects. Numbers of subscribers will be provided in the first CDG quarterly report in mid-May given that the two active projects went live at the end of December 2021.

CDG Project Name	Utility Territory	Project Location	Project Sponsor	Project Size MWh/Year	Status	Aggregation
Wheatland 2A	National Grid	Scottsville, NY	Bluebird Community Solar, LLC	8,422,500	Active	FLCC
Wheatland 2B	National Grid	Scottsville, NY	Bluebird Community Solar, LLC	8,422,500	Active	FLCC
Ridgeway	National Grid	Lyndonville, NY	NextEra Energy, Inc (DG New York CS, LLC)	2,829,000	Not-Active	FLCC
Van Buren II	National Grid	Van Buren, NY	NextEra Energy, Inc (DG New York CS, LLC)	3,246,000	Not-Active	FLCC

*NextEra projects are still waiting for interconnection

Municipalities That Chose to Offer CDG Credits:

In 2021, 17 participating municipalities have decided to offer CDG subscriptions on a voluntary, opt-in basis to eligible CCA customers.

In 2021, 2 participating municipalities have decided to offer CDG subscriptions through the opt-out CDG customer enrollment model to eligible customers. Since the Opt-Out CDG Program launched in August of 2021, 383 customers opted out in the Village of Brockport (15%), and 108 customers opted out in the Village of Lima (12%).

CDG Subscribers:

Number of Opt-In CDG Accounts	
Utility Territory	Accounts
Central Hudson	859
NYSEG	269
ORU	494
RG&E	1,314
National Grid	-
Total	2936

This subscriber count only applies to those subscribers that were enrolled through the traditional “Opt-In” sales process. All customers enrolled through “Opt-Out” CDG are not included here but will be reported in the first quarterly CDG report in mid-May.

Complaints Received Related to CDG:

2021 CDG Specific Complaints	
Utility Territory	Accounts
Central Hudson	-
NYSEG	1
ORU	-
RG&E	2
National Grid	1
Total	4