



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 customers 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:

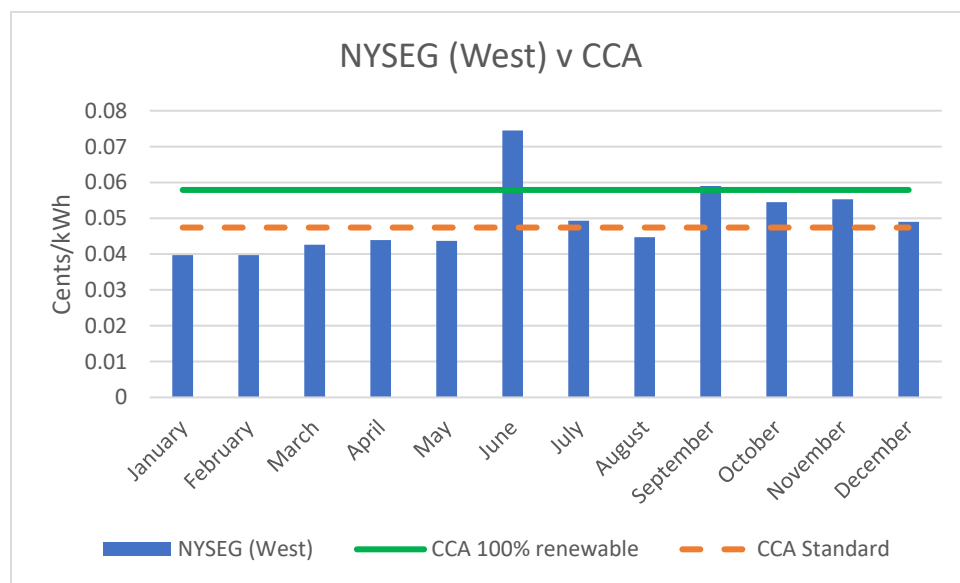
| 2021 Cancellations | |
|------------------------------|----------------------|
| Municipality | Cancellations |
| Town of Geneva | 236 |
| NYSEG Total | 236 |
| City of Beacon | 1,044 |
| Town of Clinton | 802 |
| Village of Cold Spring | 97 |
| Town of Fishkill | 354 |
| Town of Marbletown | 400 |
| 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 |

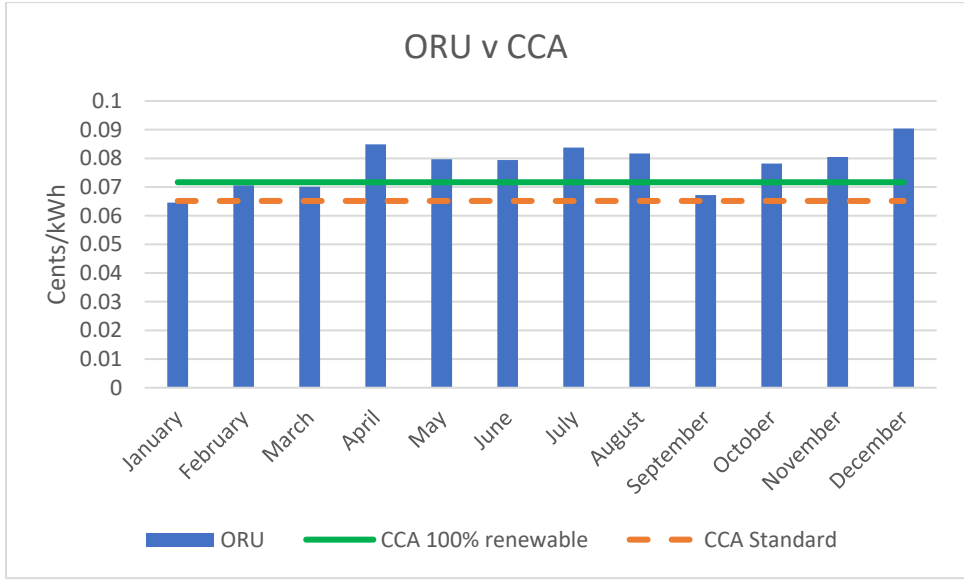
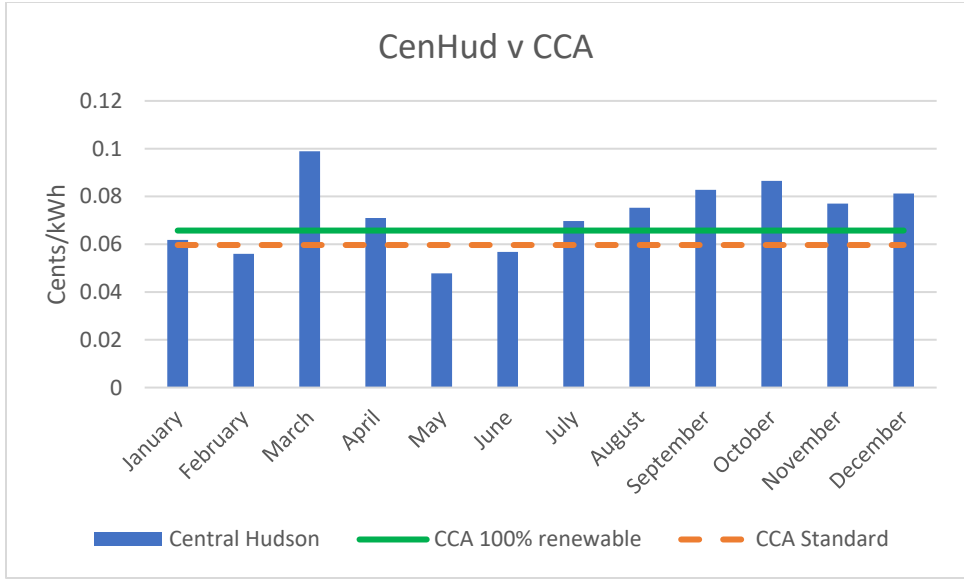
* Due to persistent billing issues in Central Hudson territory, it has been difficult to determine the true number of customers leaving the program (unless they contact us directly). The numbers for the majority of Central Hudson communities are determined by the count at the end of July (last accurate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

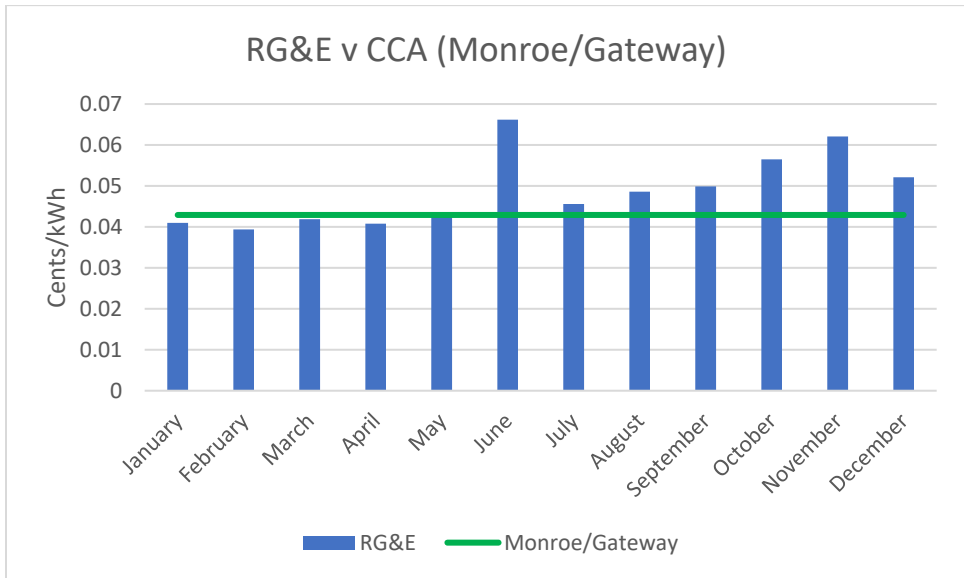
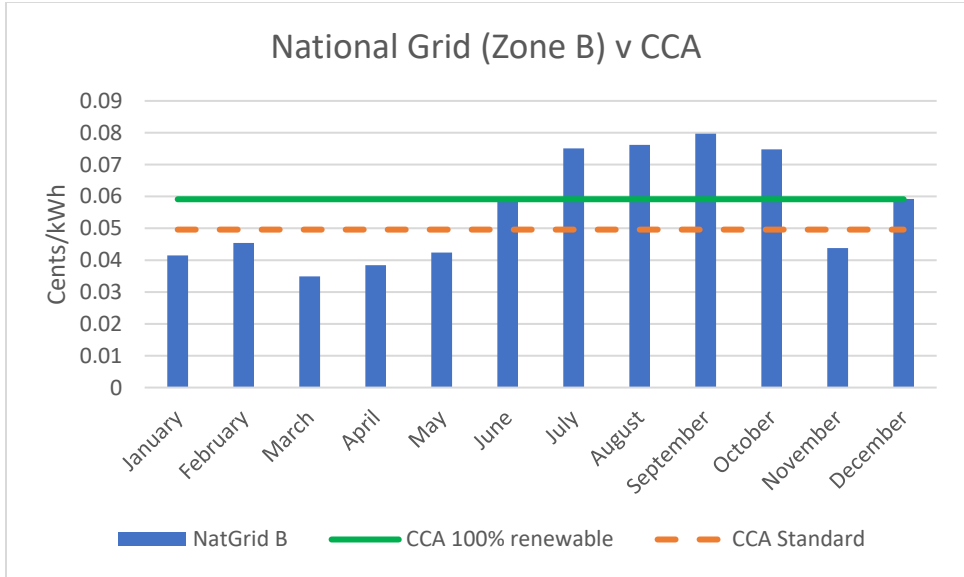
4. Comparisons between utility supply price and CCA contract price:

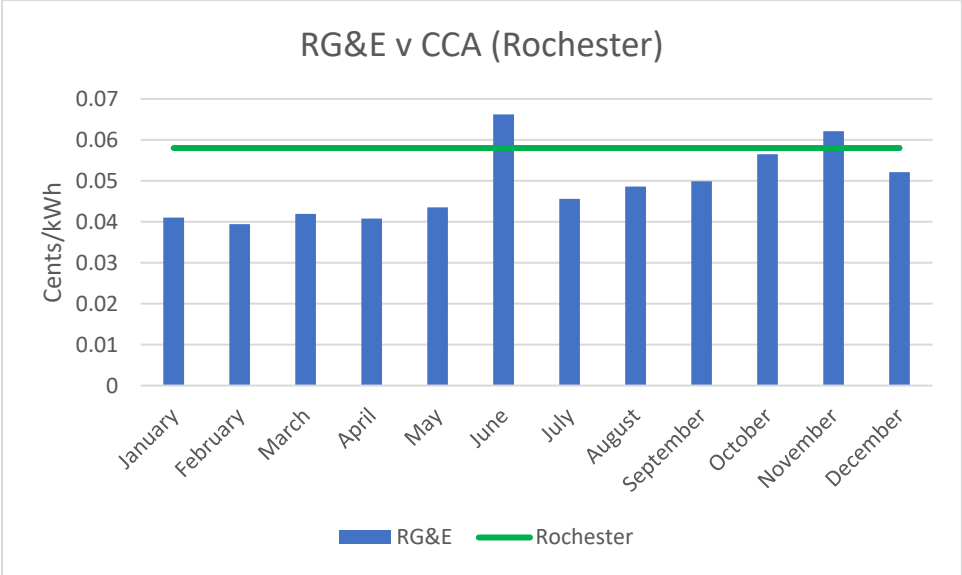
The participating municipalities are covered by contracts with three different electricity suppliers. Eleven of the participating municipalities in Central Hudson and NYSEG territory are receiving energy from Indra Energy (Columbia Utilities), for fixed rate contracts with two supply options: Standard (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 |
| 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 | 0.0496 | 0.07206 | 0.07759 | 0.05581 | 0.04896 | 0.0489 |









| 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 | 36,899,011 | 479,555 | 37,378,566 |
| 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 | 213,379,566 | 1,927,133 | 215,306,699 |
| 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 | N/A | N/A |
| City of Canandaigua | 19,109,729 | N/A | N/A |
| Village of Victor | 5,897,775 | N/A | N/A |
| City of Rochester | - | 59,289,671 | 59,289,671 |
| RG&E Total | - | 59,289,671 | 59,289,671 |
| Overall Total | 406,310,895 | 139,719,585 | 546,030,480 |

| 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 | 617,569,750 |

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 |
| Geneva Community Power | \$ 2,909.12 |
| Hudson Valley Community Power | \$ 94,107.33 |
| Rockland Community Power | \$ 213,112.14 |
| Monroe Community Power | \$ 51,888.55 |
| Gateway Community Power | \$ 20,006.00 |
| Rochester Community Power | \$ 47,431.74 |
| Total | \$ 429,454.87 |

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 | 3 |