

2021 NEW JERSEY

SUSTAINABILITY SUMMIT



Show Me the Data!

May 20, 2021



Announcements



- June 6 – municipal certification deadline
- FREE technical assistance for one community to develop a Water Story (sustainablejersey.com/grants)
 - Tues, 5/18, 1pm – Enhance Community Water Resources Through Water Gold
- \$75,000 in grants for resiliency & environmental stewardship projects in Atlantic City Electric territory (sustainablejersey.com/grants)



Speaker



- Zenon Tech-Czarny
 - Research & Project Specialist





Outline



- Intro and Overview of Data Center
- Understanding energy through maps
- Key SJ energy actions and relevant data
- Utility Energy, Other Heating Fuels, Transportation and GHG Emissions data
- Other climate and sustainability-related maps and data

[Certification](#)[Actions](#)[Grants](#)[Events](#)[Resources](#)[Get Involved](#)

✓ Data Center

[Sustainable Jersey
Data Resources](#)[State Data Resources](#)

> Publications

> Green Team Resources

> Presentations

> Funding Database

Data Center

The Sustainable Jersey Data Center provides sustainability-related data and maps for Green Teams, municipal staff, and researchers. Select data is prepared by Sustainable Jersey, whereas others are links to external resources.

Sustainable Jersey Data Resources

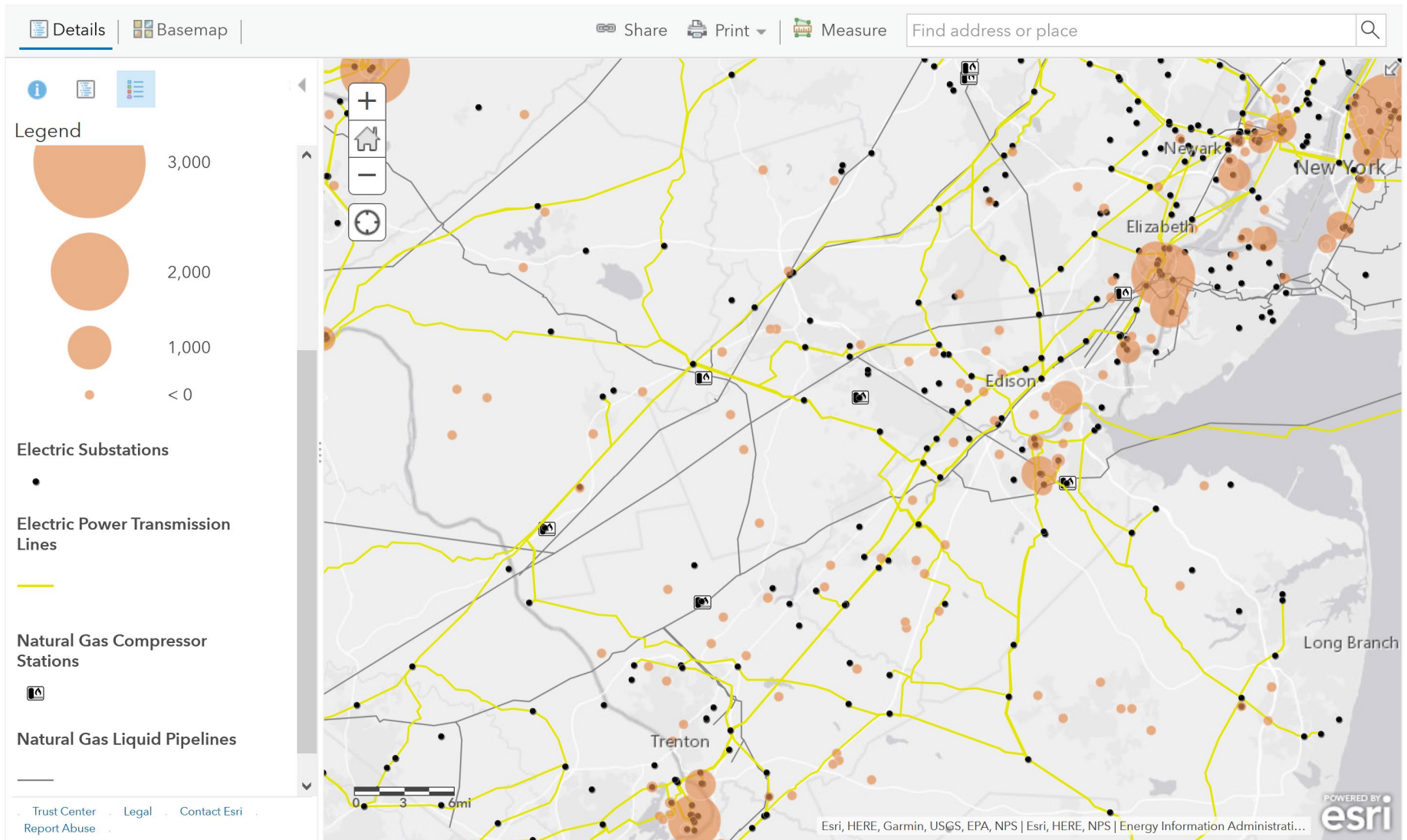
View data files and interactive maps prepared by Sustainable Jersey.

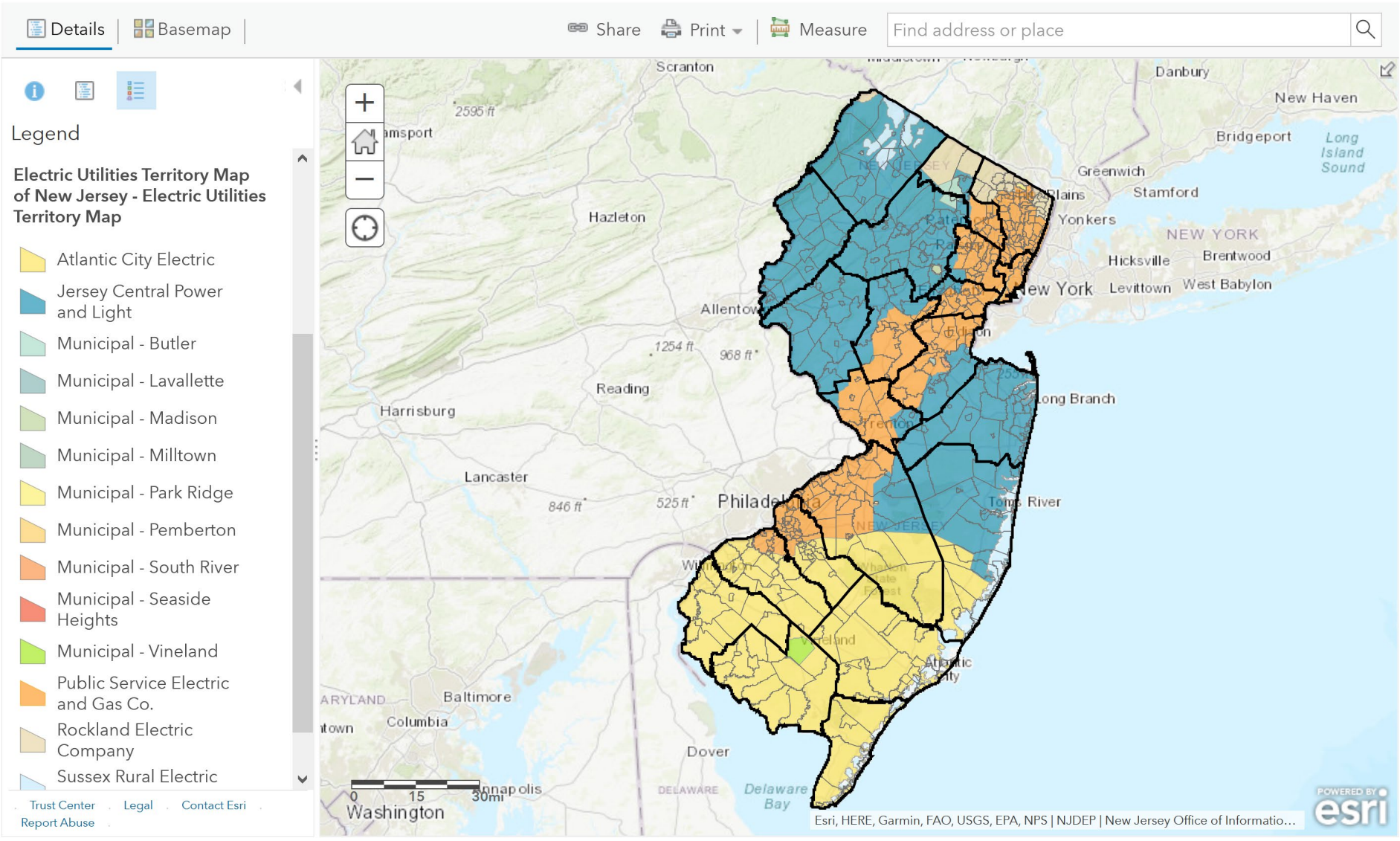
[View Resources](#)

New Jersey State Data Resources

View links to external state resources such as New Jersey's Clean Energy Program and the New Jersey Department of Environmental Protection.

[View Resources](#)







Sustainable Jersey Energy Actions



	Energy Efficiency	Renewable Energy	Alternative Fuel Vehicles
Municipal Actions	• Energy Tracking and Management • Energy Efficiency for Municipal Facilities	• On-Site Solar Energy • On-Site Geothermal • On-Site Wind Energy • Purchase Renewable Energy	• Fleet Inventory • Purchase Alternative Fuel Vehicles (AFV)
Community Actions	• Commercial Energy Efficiency Outreach • Residential Energy Efficiency Outreach	• Community Choice Aggregation (R-GEA) • Make Your Town Solar Friendly • Community-Led Solar Initiatives • Community Solar	• Make Your Town Electric Vehicle (EV) Friendly • Public EV Chargers



Gold Star Standard in Energy



- **Municipal Operations**

- Municipal buildings and streetlights
- Fleet

- **Community Actions**

- Make Your Town EV Friendly
- Public Electric Vehicle Chargers
- Make Your Town Solar Friendly
- Community Led Solar Initiatives
- Residential Energy Efficiency
- Commercial Energy Efficiency



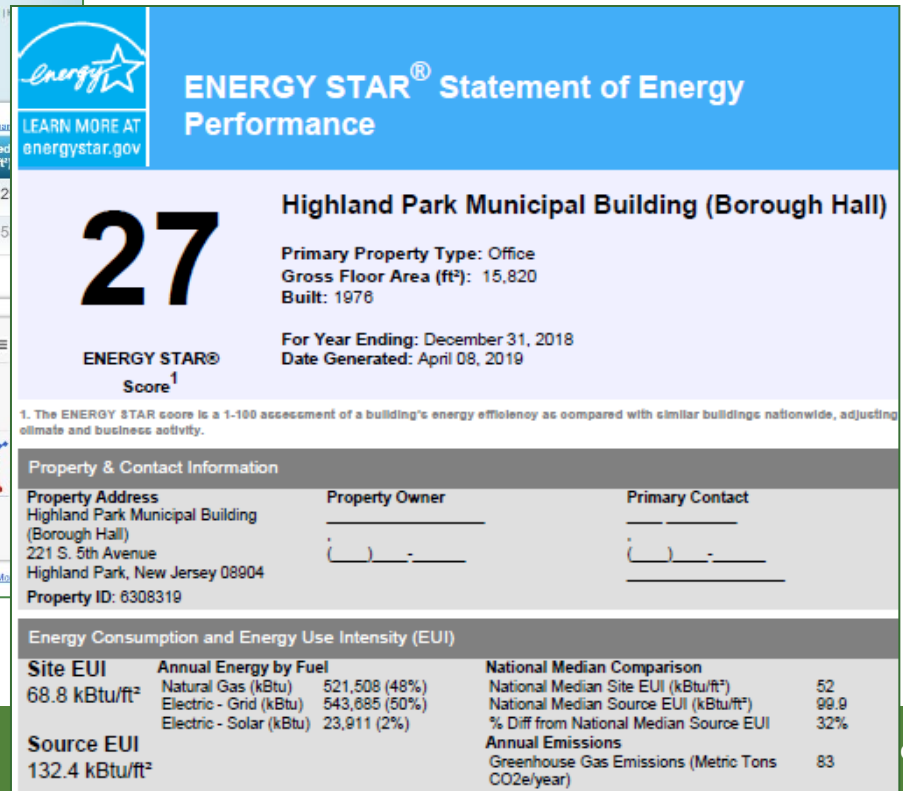
Energy Tracking & Management

For base 10 points

- Building portfolio
- Most recent twelve-months of energy use data for all buildings

For additional 10 points

- Benchmarking report for each building in the inventory
- Demonstrate ongoing Energy Tracking and Management system



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Energy Efficiency for Facilities

- **5 points** - Audit on at least one building
- **10 points** - Local Government Energy Audit (LGEA) that covers all buildings
- **15 points** - Significant upgrade work (at least 10% cost savings demonstrated)
- **20 points** - LGEA that covers all buildings PLUS significant upgrade work
- **30 points** - Efficiency upgrades with 10%-19% decrease in energy consumption
- **40 points** - Efficiency upgrades with 20%-29% decrease in energy consumption
- **50 points** - Efficiency upgrades with at least 30% decrease in energy consumption



Municipal buildings



Schools

HOME

RESIDENTIAL

COMMERCIAL, INDUSTRIAL,
LOCAL GOV & MULTIFAMILY

RENEWABLE ENERGY

COMMERCIAL, INDUSTRIAL,
LOCAL GOV. & MULTIFAMILY

▼ PROGRAMS

▶ NJ SMARTSTART BUILDINGS

▶ PAY FOR PERFORMANCE

▶ MULTIFAMILY PROGRAM

COMBINED HEAT AND POWER -
FUEL CELL

LOCAL GOVERNMENT ENERGY
AUDIT

LARGE ENERGY USERS PROGRAM

ENERGY SAVINGS IMPROVEMENT
PROGRAM (ESIP)

▶ DIRECT INSTALL

COMMUNITY ENERGY PLANS

BENCHMARKING

OIL, PROPANE, MUNICIPAL & COOP
ELECTRIC CUSTOMERS

DER MICROGRID FEASIBILITY
STUDIES

[Home](#) » [Commercial & Industrial](#)

Commercial, Industrial, Local Gov & Multifamily Programs



New Jersey's Clean Energy Program offers financial incentives to create a more efficient New Jersey. Learn more about the energy use of businesses like yours to see how your business is performing. Integrate energy efficient, new technology into your buildings and equipment upgrades, make your facilities more efficient and receive big dividends on efficiency investments. Questions? Give us a call at 866-657-6278. Need help finding a contractor or trade ally? Use our [Find a Trade Ally](#) tool to help you get started!

New Jersey's Clean Energy Programs:

BENCHMARKING



Benchmarking is a free service that provides a performance assessment and valuable information on how to get your project started. Benchmarking is available to hospitals and other healthcare facilities, municipalities, industries, hospitality, multifamily buildings, higher education facilities, K-12 schools, retail and other commercial accounts.

Program Updates

- 2020 Clean Energy Conference
 - Enhanced Rebates Announced
 - Summary of FY20 Program Changes
 - New Jersey Clean Energy Learning Center
- Other updates posted.

Program Literature



**Applications
and Brochures**
Download the Latest
Program Materials

Find a Trade Ally

Select a
contractor for an
energy efficient
upgrade today!



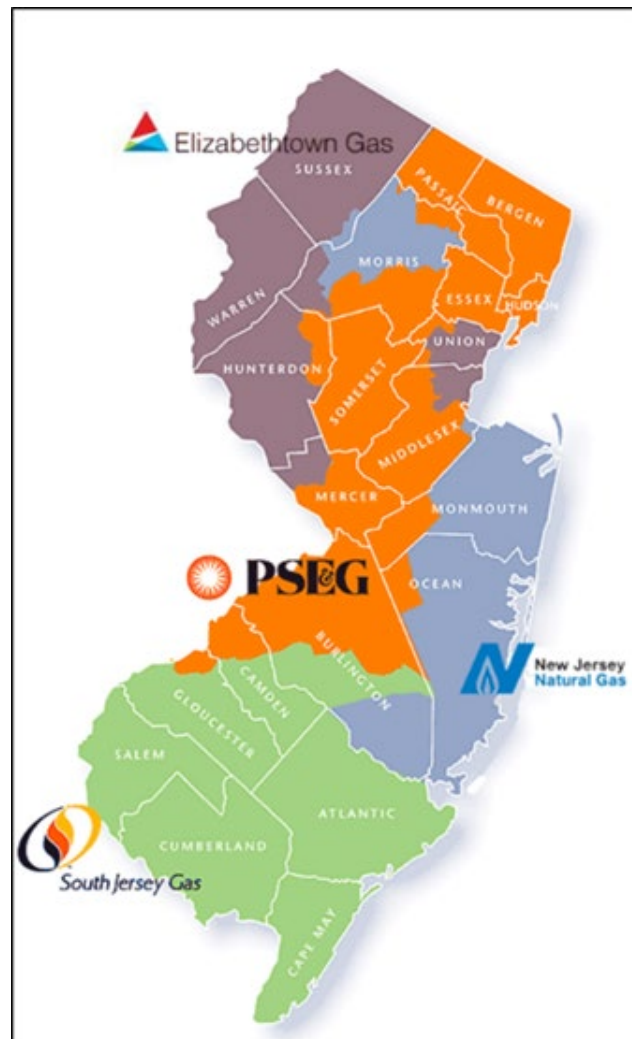
Success Stories



Troy Hills Village
Apartment Community
Owners & Tenants
Save Big

Utility Incentive Programs

- Incentives vary by utility
- Contact your local natural gas and electric utilities





NJCEP Local Gov Projects



Applic. Status Date	Project Type	NJCEP Program	Applicant	Applicant Type	Premise Sq. Ft	Street Address	Municipality
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	900	900 West Bay Ave	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	256	3 Georgetown Blvd	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	336	25 Shelli Terrace	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	336	123 Gunning River Rd	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	1,320	10 Water Street	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	900	7 Green Court	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	1,275	979 W. Bay Ave	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	621	23 Timberlake Place	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	900	51 Lakeland Drive	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	1,450	699 Barnegat Blvd	Barnegat Township
1/15/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	121	49 Hillside Avenue	Barnegat Township
8/26/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	900	408 East Bay Ave	Barnegat Township
8/26/2020	Audit	Local Government Energy Audit	Barnegat, Township of	Municipal	900	460 East Bay Ave	Barnegat Township
10/6/2011	Work	Direct Install	Barrington, Borough of	Municipal	10,000	Barrington Fire and Ambulance 1	Barrington Borough
5/17/2019	Work	Direct Install	Barrington, Borough of	Municipal	10,000	100 2nd Ave	Barrington Borough
4/3/2012	Work	Direct Install	Bay Head, Borough of	Municipal		Bay Head Municipal 81 Bridge Ave	Bay Head Borough
10/6/2011	Work	Direct Install	Beach Haven, Borough of	Municipal	11,266	Public Works Amber St	Beach Haven Borough
10/6/2011	Work	Direct Install	Beach Haven, Borough of	Municipal	8,000	Police Department 300 Engleide	Beach Haven Borough
3/29/2019	Work	SmartStart Buildings New School Con	Beach Haven, Borough of	Municipal	6,649	300 Engleside Avenue	Beach Haven Borough
3/29/2019	Work	SmartStart Buildings New School Con	Beach Haven, Borough of	Municipal	6,649	300 Engleside Avenue	Beach Haven Borough
3/29/2019	Work	SmartStart Buildings New School Con	Beach Haven, Borough of	Municipal	6,649	300 Engleside Avenue	Beach Haven Borough
4/20/2010	Audit	Local Government Energy Audit	Beachwood, Borough of	Municipal	6,000	Beachwood Public Works & Wate	Beachwood Borough
4/20/2010	Audit	Local Government Energy Audit	Beachwood, Borough of	Municipal	8,000	Community Center 147 Compass	Beachwood Borough
4/20/2010	Audit	Local Government Energy Audit	Beachwood, Borough of	Municipal	8,000	Municipal Complex 1600 Pinewa	Beachwood Borough
7/7/2011	Work	Direct Install	Beachwood, Borough of	Municipal	8,000	Municipal Complex 1600 Pinewa	Beachwood Borough
7/7/2011	Work	Direct Install	Beachwood, Borough of	Municipal	8,000	Community Center 147 Compass	Beachwood Borough
7/7/2011	Work	Direct Install	Beachwood, Borough of	Municipal	8,000	Public Works 1200 Beachwood B	Beachwood Borough

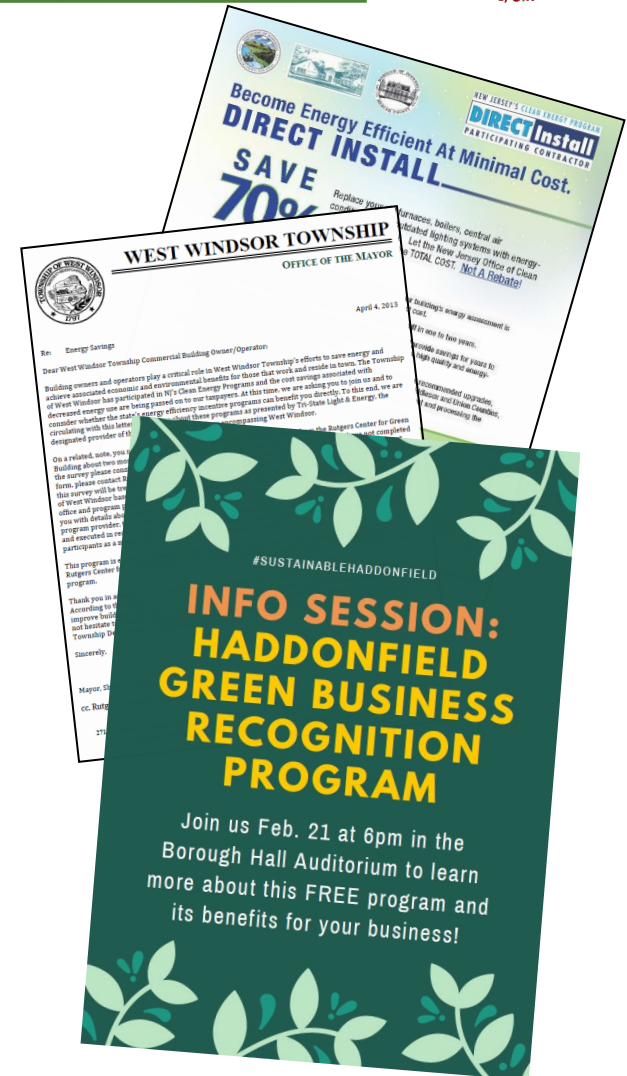
Commercial EE Outreach

10 points:

- Outreach letter sent to local businesses on municipal letterhead
- At least one additional Direct Install outreach and education effort

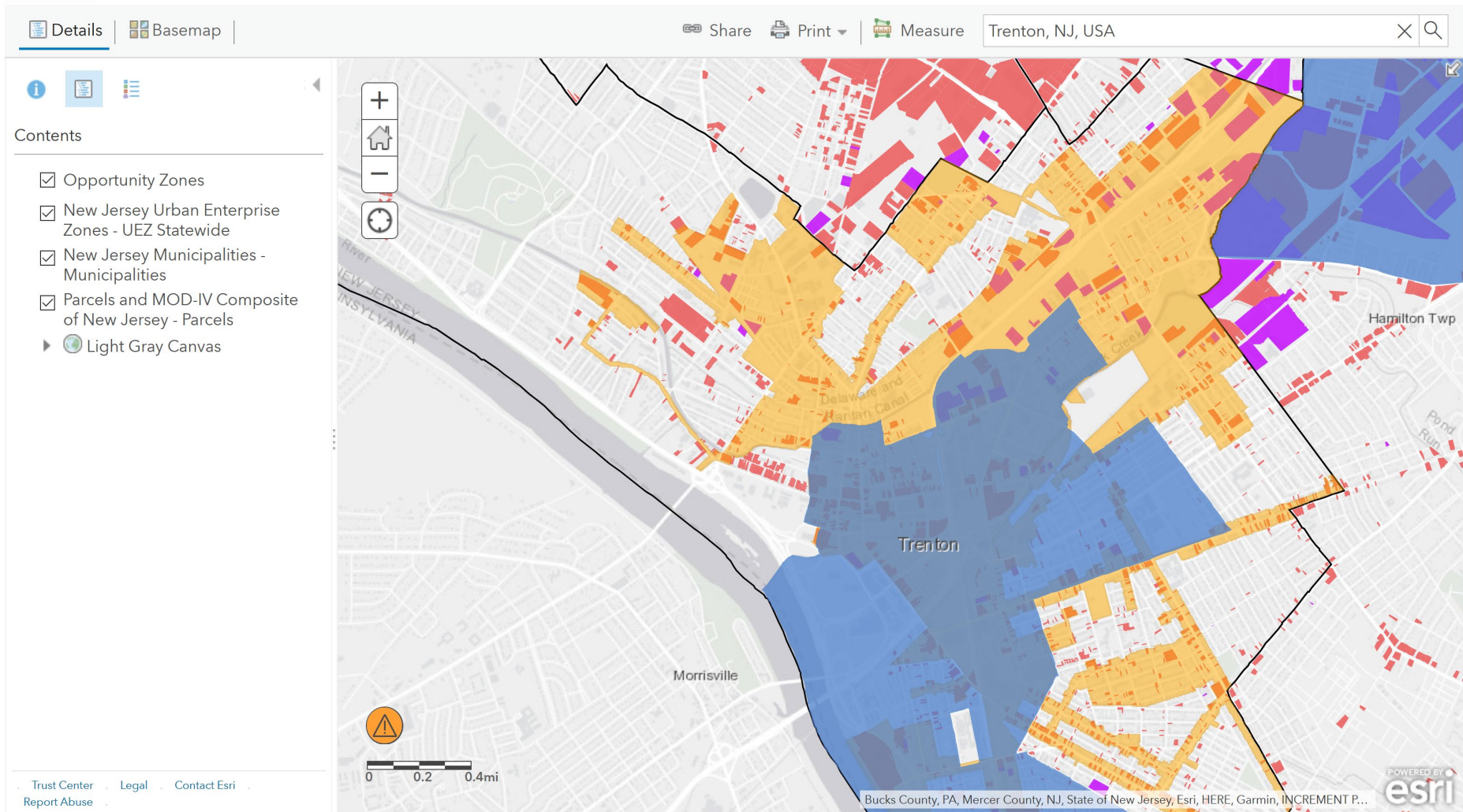
20 Points:

- 2.5% of businesses sign Direct Install applications during outreach campaign



Commercial (Direct Install) Projects Needed to Recieve 20 Points

Municipality	County	# C&I Taxed Parcels (2018)	# of Projects Needed to receive 20 point (2.5%)
Aberdeen Township	Monmouth	187	5
Absecon City	Atlantic	188	5
Alexandria Township	Hunterdon	36	1
Allamuchy Township	Warren	19	1
Allendale Borough	Bergen	65	2
Allenhurst Borough	Monmouth	27	1
Allentown Borough	Monmouth	39	1
Alloway Township	Salem	34	1
Alpha Borough	Warren	70	2
Alpine Borough	Bergen	18	1
Andover Borough	Sussex	58	2
Andover Township	Sussex	144	4
Asbury Park City	Monmouth	378	10
Atlantic City	Atlantic	1483	38
Atlantic Highlands Borough	Monmouth	94	3
Audubon Borough	Camden	157	4
Audubon Park Borough	Camden	0	0





NJ C&I Data



MUNICIPALITY NA	COUNTY	PROP	PROPERTY LOCATION	BUILDING DES	PROPERT	YEAR CONS	OWNER NAME	STREET ADDRESS	CITY, STATE
ABERDEEN TWP	MONMOUTH	4A	1 CENTRAL AVE	1S NB FR	569	1950	CENTIMOLE, CARMEN	151 YELLOW BROOK ROAD	FARMINGDALE, NJ
ABERDEEN TWP	MONMOUTH	4A	349 HWY 35	1SBR	570	1974	CCC, LLC	205 MAIN ST., PO BOX 268	CHATHAM, NJ
ABERDEEN TWP	MONMOUTH	4A	359 HIGHWAY 35		737	2000	DUCK REALTY LLC	359 ROUTE 35 SOUTH	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	149 LOWER MAIN ST	1SCB	218	2000	ALKOC, S & E C/O SINGIN OIL INC	473 PRINCETON AVE	BRICK, NJ
ABERDEEN TWP	MONMOUTH	4A	1 ATLANTIC AVE	2SB	739	1925	CHONG OK YU	333 THIRD AVE,#12	NEW YORK, NY
ABERDEEN TWP	MONMOUTH	4A	1 SUYDAM PL	2SCB	739	1949	LITTLE ATLANTIC LLC	462 ATLANTIC AVE	ABERDEEN, NJ
ABERDEEN TWP	MONMOUTH	4A	IMBROOK LA		761	1962	NEW JERSEY AMERICAN WATER COMPANY	%AMERICAN WATER POB 5600	CHERRY HILL, NJ
ABERDEEN TWP	MONMOUTH	4A	390 HWY 35 & AMBOY AVE	1SENAMEL	218	2000	CLIFFWOOD STATION,INC	232 THIRD STREET	ELIZABETH, NJ
ABERDEEN TWP	MONMOUTH	4A	388 HWY 35	WENDY'S	641	1978	MARIO/MARIA TRADING LLC%B.WENCO LLC	78 OKNER PARKWAY	LIVINGSTON, NJ
ABERDEEN TWP	MONMOUTH	4A	408 HWY 35	1SF	219	1970	PAPADAM PROPERTIES	32 RUSSELL CT	MATAWAN, NJ
ABERDEEN TWP	MONMOUTH	4A	1116 HIGHWAY 34		51	1992	BANK OF AMERICA NC1-001-03-81	101 N TRYON ST	CHARLOTTE, NC
ABERDEEN TWP	MONMOUTH	4A	1124 HIGHWAY 34	1SBR	737	1975	D & D INTERNATIONAL, LLC	33 WOODRUFF DR	MATAWAN, NJ
ABERDEEN TWP	MONMOUTH	4A	1100 - 1102 HIGHWAY 34	STORES	737	1984	SHARMA, BRIJ M. & PARVEEN	99 WEST CLARK PLACE	COLONIA, NJ
ABERDEEN TWP	MONMOUTH	4A	1108 HIGHWAY 34		641	2017	MCDONALD'S R/E CO. %A. MARINELLO	PO BOX 67	LITTLE SILVER, NJ
ABERDEEN TWP	MONMOUTH	4A	1130 HIGHWAY 34	OFFICE	560	1985	1130 HIGHWAY 34 LLC	275 CARDIFF DR	MORGANVILLE, NJ
ABERDEEN TWP	MONMOUTH	4A	1140 HIGHWAY 34		649	1970	SG NATIONAL, LLC	1185 SIXTH AVENUE,10TH FL	NEW YORK, NY
ABERDEEN TWP	MONMOUTH	4A	1148 HIGHWAY 34		219	2012	ABERDEEN MANAGEMENT GROUP LLC	11 BRANDYWINE WAY	MIDDLETOWN, NJ
ABERDEEN TWP	MONMOUTH	4A	1154 HIGHWAY 34	1SCB	51	1980	COLUMBIA SAVINGS BANK	19-01 ROUTE 208 NORTH	FAIR LAWN, NJ
ABERDEEN TWP	MONMOUTH	4A	400 LLOYD RD	POOL CLUB	670	2017	CAMBRIDGE REAL PROPERTY LLC	31 MILL RD	MATAWAN, NJ
ABERDEEN TWP	MONMOUTH	4A	342 LLOYD RD	1SB	51	1978	SOVEREIGN BANK C/O TRAMMELL CROW	PO BOX 841001	BOSTON, MA
ABERDEEN TWP	MONMOUTH	4A	1121-1129-1137 HIGHWAY 34	BED BATH BEYOND	733	2000	JH CONSTRUCTION, LLC	820 MORRIS TURNPIKE	SHORT HILLS, NJ
ABERDEEN TWP	MONMOUTH	4A	1155 HIGHWAY 34	1SF	219	1965	ENERGY REALTY CORP OF NJ INC	PO BOX 33	MORGANVILLE, NJ
ABERDEEN TWP	MONMOUTH	4A	1147 HIGHWAY 34	ONE STORY	51	2000	DIKKER PROPERTIES/AMBOY NATIONAL BK	J MINERVINI 3590 US HWY 9	OLD BRIDGE, NJ
ABERDEEN TWP	MONMOUTH	4A	22 LOWER MAIN ST	2SBR	643	1935	RAMIREZ, VILMA	22 LOWER MAIN ST	ABERDEEN, NJ
ABERDEEN TWP	MONMOUTH	4A	268 CLIFFWOOD AVE UNIT 5	OFFICE/WHSE	569	2000	268 CLIFF AVE, % AMER REAL EST MGMT	788 SHREWSBURY AVE B1-105	TINTON FALLS, NJ
ABERDEEN TWP	MONMOUTH	4A	268 CLIFFWOOD AVE UNIT 1	OFFICE/WHSE	569	2000	268 CLIFF AVE, % AMER REAL EST MGMT	788 SHREWSBURY AVE B1-105	TINTON FALLS, NJ
ABERDEEN TWP	MONMOUTH	4A	268 CLIFFWOOD AVE UNIT 2	OFFICE/WHSE	569	2000	268 CLIFF AVE, % AMER REAL EST MGMT	788 SHREWSBURY AVE B1-105	TINTON FALLS, NJ
ABERDEEN TWP	MONMOUTH	4A	268 CLIFFWOOD AVE UNIT 3	OFFICE/WHSE	569	2000	268 CLIFF AVE, % AMER REAL EST MGMT	788 SHREWSBURY AVE B1-105	TINTON FALLS, NJ
ABERDEEN TWP	MONMOUTH	4A	268 CLIFFWOOD AVE UNIT 4	OFFICE/WHSE	569	2000	268 CLIFF AVE, % AMER REAL EST MGMT	788 SHREWSBURY AVE B1-105	TINTON FALLS, NJ
ABERDEEN TWP	MONMOUTH	4A	1109 HIGHWAY 34		641	1975	ABERDEEN RETAIL PARTNERS LLC	65 WEST 36TH ST 6TH FLOOR	NEW YORK, NY
ABERDEEN TWP	MONMOUTH	4A	1103 HIGHWAY 34	1SBR	218	1988	PETRO REALTY LLC	935 RT 34 STE 3A	MATAWAN, NJ
ABERDEEN TWP	MONMOUTH	4A	2 CAMBRIDGE DR		110	1962	KBS PROPERTIES, LLC	2 CAMBRIDGE DR	ABERDEEN, NJ
ABERDEEN TWP	MONMOUTH	4A	111 HWY 35		737	1990	HEALTHCARE RENEWAL LLC & A. PISCATE	540 BORDENTOWN AVENUE	SOUTH AMBOY, NJ
ABERDEEN TWP	MONMOUTH	4A	447 MATAWAN AVE	2S+B FR/GROUP H	282	1893	ALCOEUR HOMES AT MATAWAN, LLC	147 HALIFAX RD	MAHWAH, NJ
ABERDEEN TWP	MONMOUTH	4A	460 AMBOY AVE		219		WAGNER, MICHAEL	165 CLIFFWOOD AVE	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	77 CLIFFWOOD AVE UNIT 3C	WAREHOUSE	959	1990	NATJILL, LLC	77 CLIFFWOOD AVE, UNIT 3C	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	77 CLIFFWOOD AVE UNIT 3D		569	1990	VALLEE, BRIAN	77 CLIFFWOOD AVE UNIT 3D	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	77 CLIFFWOOD AVE UNIT 2A		569	2007	POWERSERV TECHNOLOGIES, LLC	77 CLIFFWOOD AVE UNIT 2A	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	483 AMBOY AVE		219	1980	483 AMBOY ROAD LLC	483 AMBOY AVE	KEYPORT, NJ
ABERDEEN TWP	MONMOUTH	4A	AMBOY AVE	PIERS	511	1993	483 AMBOY ROAD LLC	483 AMBOY AVE	KEYPORT, NJ
ABERDEEN TWP	MONMOUTH	4A	49 CLIFFWOOD AVE	OFFICE	569	1989	MATOYO PARTNERS ONE LLC,% M. ABDOU	3 HILLSIDE RD	MANALAPAN, NJ
ABERDEEN TWP	MONMOUTH	4A	326 MATAWAN AVE		569	1972	BASSER-KAUFMAN, LLC	151 IRVING PLACE	WOODMERE, NY
ABERDEEN TWP	MONMOUTH	4A	77 CLIFFWOOD AVE UNIT 1D		569	2007	PILLORI REAL ESTATE MANAGEMENT LLC	77 CLIFFWOOD AVE UNIT 1D	CLIFFWOOD, NJ
ABERDEEN TWP	MONMOUTH	4A	77 CLIFFWOOD AVE UNIT 1B		569	2007	POWERSERV TECHNOLOGIES, LLC	77 CLIFFWOOD AVE UNIT 1B	CLIFFWOOD, NJ

Lifetime Commercial (Direct Install) Participation Rate as of ~3/08/2021

Municipality	County	# C&I Taxed Parcels (2018)	# of Total DI Participants	Current Lifetime Rate %	# of Projects Needed to get to 5%
Aberdeen Township	Monmouth	187	13	6.95%	0
Absecon City	Atlantic	188	3	1.60%	7
Alexandria Township	Hunterdon	36	1	2.78%	1
Allamuchy Township	Warren	19	1	5.26%	0
Allendale Borough	Bergen	65	7	10.77%	0
Allenhurst Borough	Monmouth	27	1	3.70%	0
Allentown Borough	Monmouth	39	1	2.56%	1
Alloway Township	Salem	34	2	5.88%	0
Alpha Borough	Warren	70	5	7.14%	0
Alpine Borough	Bergen	18	0	0.00%	1
Andover Borough	Sussex	58	1	1.72%	2
Andover Township	Sussex	144	11	7.64%	0
Asbury Park City	Monmouth	378	18	4.76%	1
Atlantic City	Atlantic	1483	23	1.55%	52
Atlantic Highlands Borough	Monmouth	94	3	3.19%	2
Audubon Borough	Camden	157	3	1.91%	5
Audubon Park Borough	Camden	0	0	NA	0
Avalon Borough	Cape May	158	1	0.63%	7
Avon-by-the-Sea Borough	Monmouth	50	0	0.00%	3
Barnegat Light Borough	Ocean	41	1	2.44%	2
Barnegat Township	Ocean	228	3	1.32%	9
Barrington Borough	Camden	95	12	12.63%	0
Bass River Township	Burlington	41	0	0.00%	3
Bay Head Borough	Ocean	38	1	2.63%	1

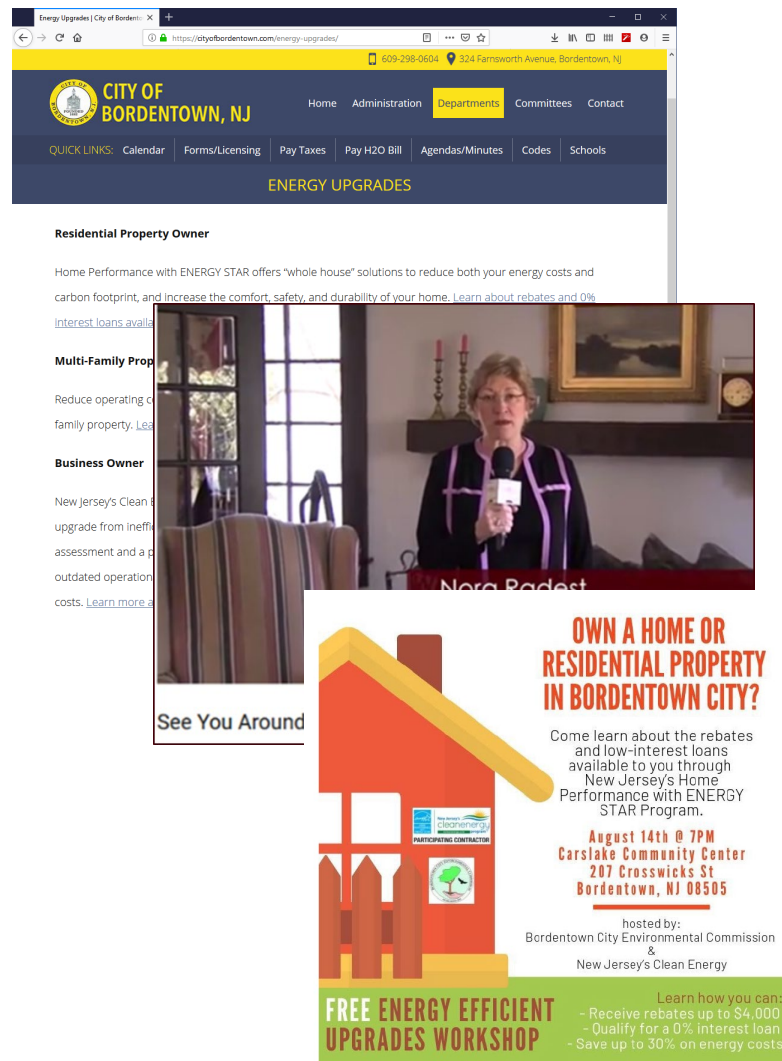
Residential EE Outreach

10 points:

- Webpage with program information
- Outreach activities/workshops

20 points:

- Letter to residents on municipal letterhead
 - Contractor RFP Approach
 - Utility Partner Approach



The image shows a screenshot of the City of Bordentown's Energy Upgrades webpage. The page features a navigation bar with links to Home, Administration, Departments, Committees, and Contact. Below the navigation bar, there are quick links for Calendar, Forms/Licensing, Pay Taxes, Pay H2O Bill, Agendas/Minutes, Codes, and Schools. The main content area is titled "ENERGY UPGRADES" and includes sections for Residential Property Owner, Multi-Family Property Owner, and Business Owner. A video player is embedded in the Residential Property Owner section, showing a woman speaking into a microphone. Below the video player, there is a flyer for a "FREE ENERGY EFFICIENT UPGRADES WORKSHOP". The flyer includes the text "OWN A HOME OR RESIDENTIAL PROPERTY IN BORDENTOWN CITY?", "Come learn about the rebates and low-interest loans available to you through New Jersey's Home Performance with ENERGY STAR Program.", "August 14th @ 7PM", "Carslake Community Center", "207 Crosswicks St", "Bordentown, NJ 08505", "hosted by: Bordentown City Environmental Commission & New Jersey's Clean Energy", and "Learn how you can: - Receive rebates up to \$4,000 - Qualify for a 0% interest loan - Save up to 30% on energy costs".

Lifetime Residential Participation Rate as of ~3/08/2021

Municipality	County	# of Units <4 (2019)	Total Completed Projects	Current Lifetime Rate %	# of Projects Needed to get to 5%
Aberdeen Township	Monmouth	6,326	245	3.87%	58
Absecon City	Atlantic	3,146	200	6.36%	
Alexandria Township	Hunterdon	1,807	16	0.89%	71
Allamuchy Township	Warren	2,080	31	1.49%	67
Allendale Borough	Bergen	2,188	46	2.10%	66
Allenhurst Borough	Monmouth	307	3	0.98%	14
Allentown Borough	Monmouth	661	21	3.18%	13
Alloway Township	Salem	1,362	44	3.23%	26
Alpha Borough	Warren	928	103	11.10%	
Alpine Borough	Bergen	595	11	1.85%	20
Andover Borough	Sussex	236	23	9.75%	
Andover Township	Sussex	1,947	47	2.41%	45
Asbury Park City	Monmouth	3,956	1295	32.74%	
Atlantic City	Atlantic	10,386	3218	30.98%	
Atlantic Highlands Borough	Monmouth	1,634	74	4.53%	11
Audubon Borough	Camden	3,184	229	7.19%	
Audubon Park Borough	Camden	481	4	0.83%	20
Avalon Borough	Cape May	5,181	37	0.71%	218
Avon-by-the-Sea Borough	Monmouth	1,061	13	1.23%	41
Barnegat Light Borough	Ocean	1,225	7	0.57%	54
Barnegat Township	Ocean	9,062	968	10.68%	
Barrington Borough	Camden	2,200	121	5.50%	
Bass River Township	Burlington	507	21	4.14%	6

2015-2020 Utility Energy Data by Municipality

Utility Acronyms: ACE - Atlantic City Electric ETG - Elizabethtown Gas JCPL - Jersey Central Power & Electric MEU - Municipal Electric Utility

NJNG - New Jersey Natural Gas PSEG - Public Service Electric and Gas RECO - Rockland County Electric SJG - South Jersey Gas

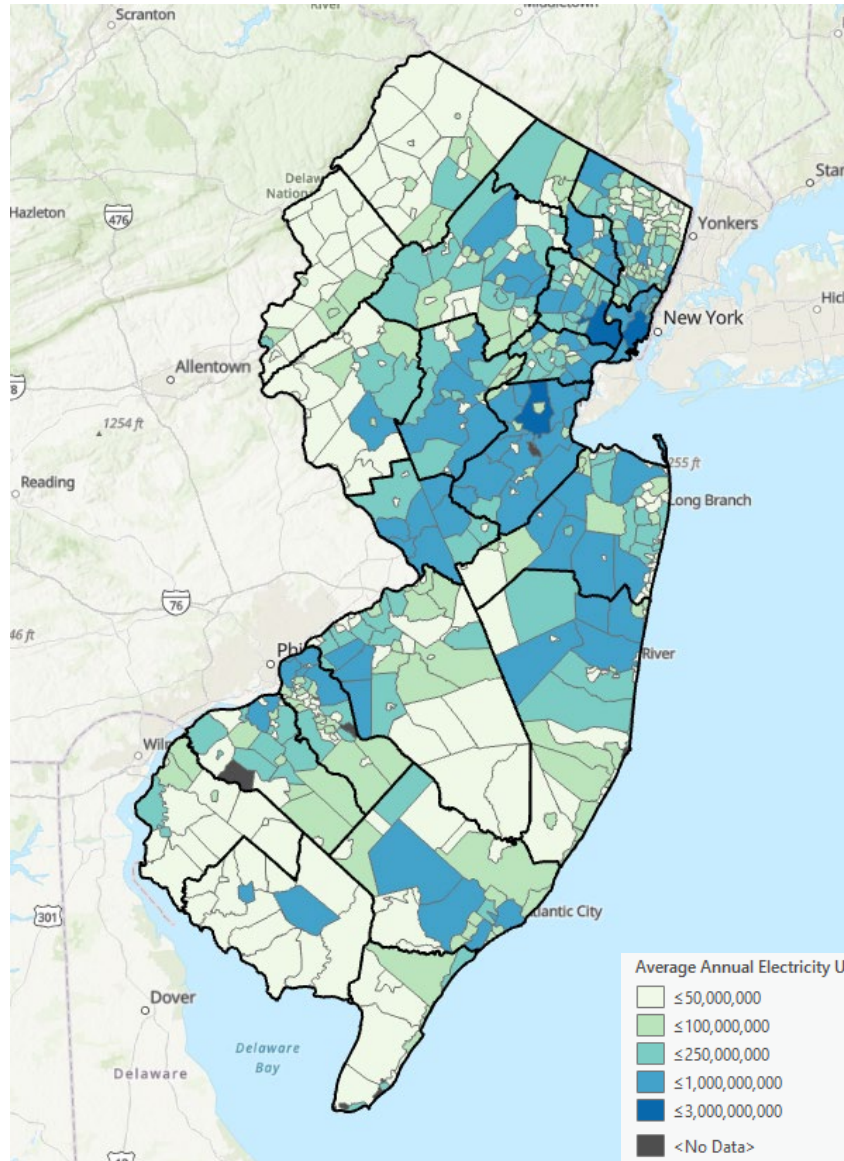
Data Acronyms: CWC - Combined with Commercial NDA - No Data Available NDR - No Data Reported

Highlighting Partial Data : Data + NDA Data + CWC Data Consistency Issue

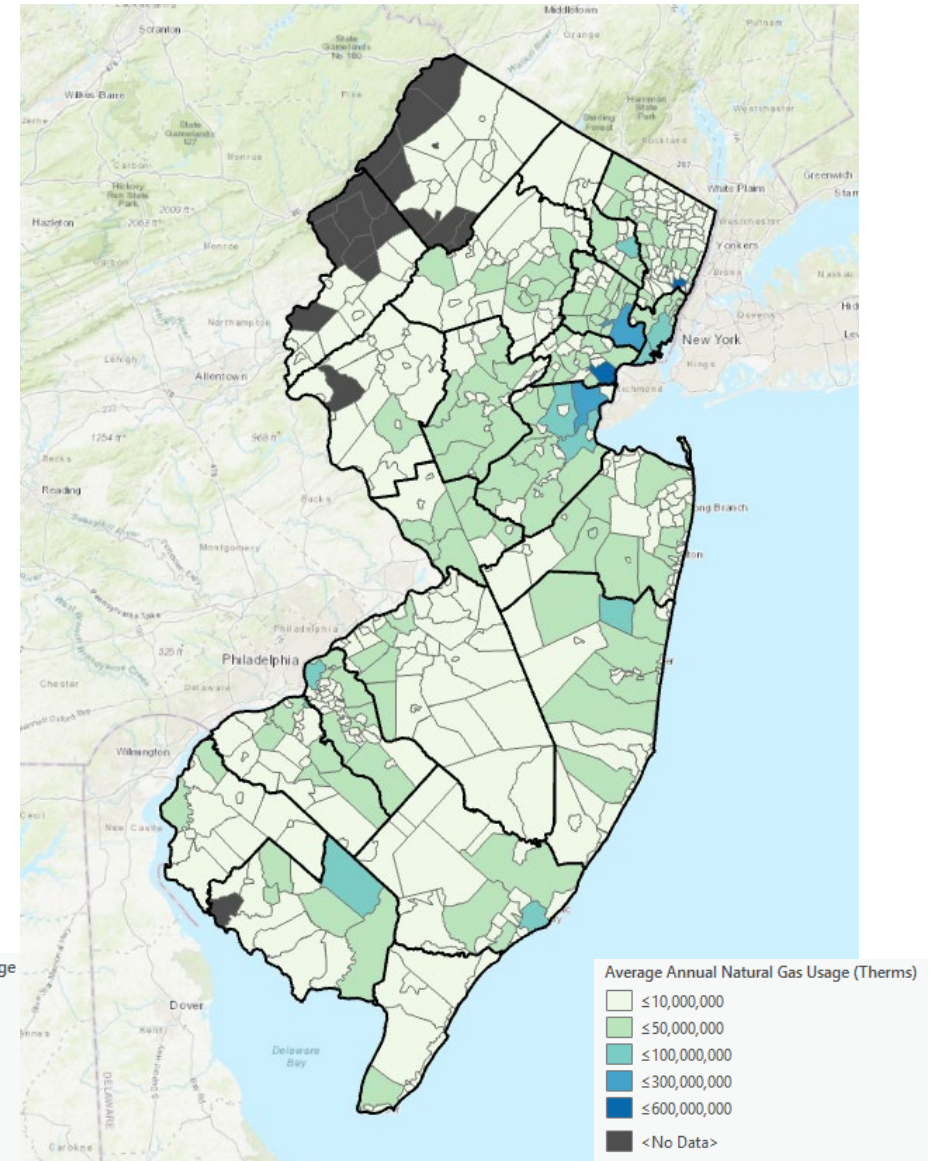
* Further information found at the end of the table

Municipality	County	Year	Electric (kWhrs)					Natural Gas (Therms)			
			Utility	Residential	Commercial	Industrial	Street Lightin	Utility	Residential	Commercial	Industrial
Aberdeen township	Monmouth	2015	JCPL	58,511,214	30,960,848	1,540,796	756,828	NJNG	5,298,920	1,286,144	CWC
Aberdeen township	Monmouth	2016	JCPL	NDA	NDA	NDA	NDA	NJNG	4,612,620	1,031,031	CWC
Aberdeen township	Monmouth	2017	JCPL	NDA	NDA	NDA	NDA	NJNG	4,866,813	1,100,490	CWC
Aberdeen township	Monmouth	2018	JCPL	58,693,247	30,611,468	605,543	753,090	NJNG	5,596,974	1,277,890	CWC
Aberdeen township	Monmouth	2019	JCPL	57,669,637	30,280,678	680,672	754,056	NJNG	5,322,271	1,235,871	CWC
Aberdeen township	Monmouth	2020	JCPL	59,539,032	27,512,671	812,017	754,056	NJNG	4,952,832	1,062,107	CWC
Absecon city	Atlantic	2015	ACE	45,199,424	53,471,144	NDR	463,972	SJG	6,211,999	3,545,606	NDR
Absecon city	Atlantic	2016	ACE	42,940,003	50,891,297	NDR	478,656	SJG	5,464,555	3,020,333	NDR
Absecon city	Atlantic	2017	ACE	40,319,007	50,026,265	NDR	508,738	SJG	5,450,030	3,110,006	NDR
Absecon city	Atlantic	2018	ACE	35,642,558	32,764,562	NDR	501,692	SJG	6,579,758	3,449,345	NDR
Absecon city	Atlantic	2019	ACE	34,315,354	31,774,466	NDR	512,358	SJG	6,164,976	3,022,114	NDR
Absecon city	Atlantic	2020	ACE	34,737,469	27,957,231	NDR	510,447	SJG	5,797,555	2,424,902	NDR
Alexandria township	Hunterdon	2015	JCPL	23,711,407	6,022,846	20,240	24,588	ETG	NDR	NDR	NDR
Alexandria township	Hunterdon	2016	JCPL	NDA	NDA	NDA	NDA	ETG	NDR	NDR	NDR
Alexandria township	Hunterdon	2017	JCPL	NDA	NDA	NDA	NDA	ETG	NDR	NDR	NDR
Alexandria township	Hunterdon	2018	JCPL	24,194,813	5,109,776	28,640	24,588	ETG	NDR	NDR	NDR
Alexandria township	Hunterdon	2019	JCPL	23,397,455	5,104,664	13,400	24,588	ETG	NDR	NDR	NDR
Alexandria township	Hunterdon	2020	JCPL	24,097,340	4,408,735	18,400	24,588	ETG	NDR	NDR	NDR
Allamuchy township	Warren	2015	JCPL	20,730,321	6,870,813	877,761	163,374	ETG	1,423,922	49,181	NDR
Allamuchy township	Warren	2016	JCPL	NDA	NDA	NDA	NDA	ETG	1,453,969	50,358	NDR
Allamuchy township	Warren	2017	JCPL	NDA	NDA	NDA	NDA	ETG	1,573,053	56,360	NDR
Allamuchy township	Warren	2018	JCPL	19,826,158	6,130,264	868,667	166,544	ETG	1,814,281	65,013	NDR
Allamuchy township	Warren	2019	JCPL	19,427,553	6,216,614	906,539	170,969	ETG	1,736,972	70,243	NDR
Allamuchy township	Warren	2020	JCPL	20,289,839	5,966,937	836,344	174,101	ETG	2,392,457	87,794	613,346
Allendale borough	Bergen	2015	RECO/PSEG	28,346,006	29,338,256	NDR	NDR	PSEG	3,623,971	1,274,183	39,453
Allendale borough	Bergen	2016	RECO/PSEG	28,068,829	31,480,444	NDR	NDR	PSEG	3,225,860	1,137,864	14,268
Allendale borough	Bergen	2017	RECO/PSEG	26,736,094	31,173,292	NDR	NDR	PSEG	3,387,689	1,127,450	15,649
Allendale borough	Bergen	2018	RECO/PSEG	28,070,368	30,061,589	NDR	112,628	PSEG	3,704,200	1,316,375	13,044
Allendale borough	Bergen	2019	RECO/PSEG	26,663,680	28,432,955	NDR	112,436	PSEG	3,597,916	1,269,140	11,524
Allendale borough	Bergen	2020	RECO/PSEG	28,392,440	26,121,007	NDR	113,678	PSEG	3,385,514	1,150,530	3,332
Allenhurst borough	Monmouth	2015	JCPL	4,924,969	5,445,009	20,020	91,599	NJNG	570,346	87,375	CWC
Allenhurst borough	Monmouth	2016	JCPL	NDA	NDA	NDA	NDA	NJNG	452,328	75,905	CWC
Allenhurst borough	Monmouth	2017	JCPL	NDA	NDA	NDA	NDA	NJNG	485,390	79,122	CWC
Allenhurst borough	Monmouth	2018	JCPL	5,074,239	2,700,924	17,463	83,479	NJNG	559,396	83,440	CWC
Allenhurst borough	Monmouth	2019	JCPL	4,903,906	2,527,909	17,688	91,068	NJNG	509,360	83,036	CWC
Allenhurst borough	Monmouth	2020	JCPL	5,876,198	2,214,905	18,477	91,362	NJNG	516,095	73,381	CWC

Electricity - Total

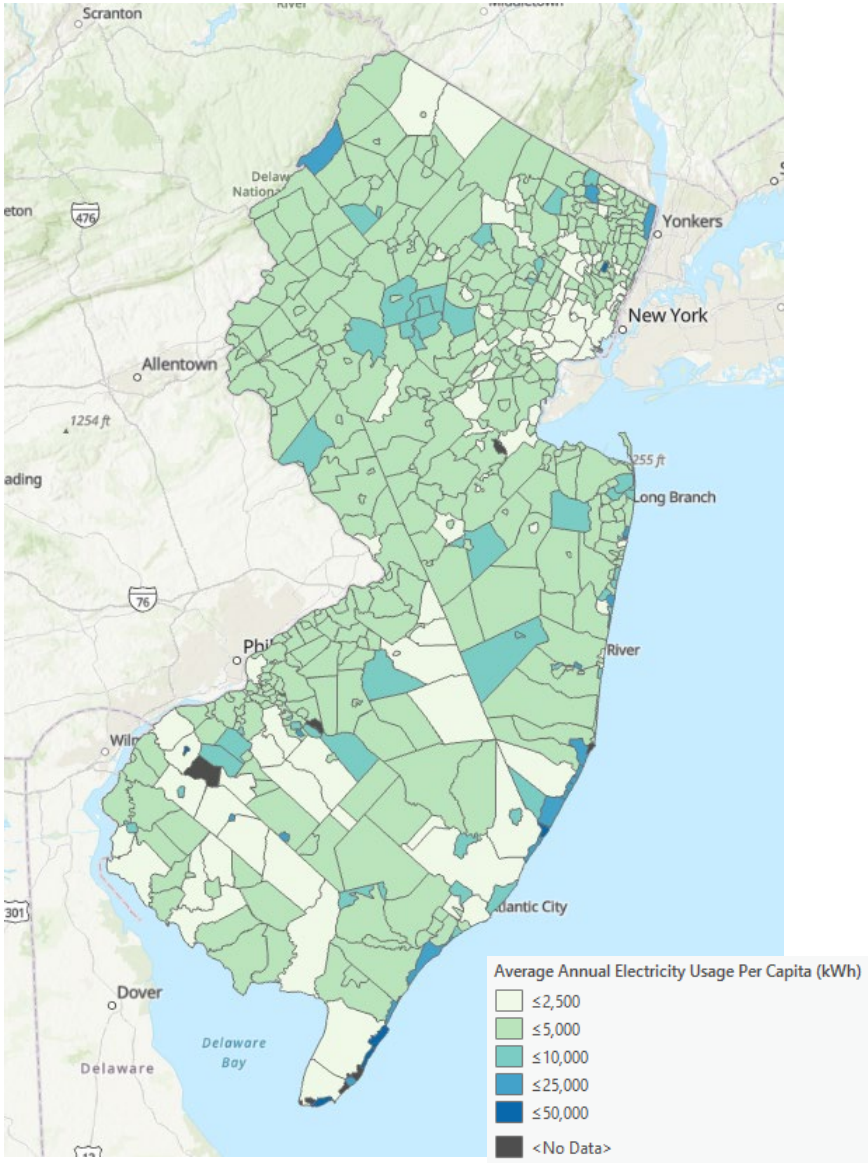


Natural Gas - Total

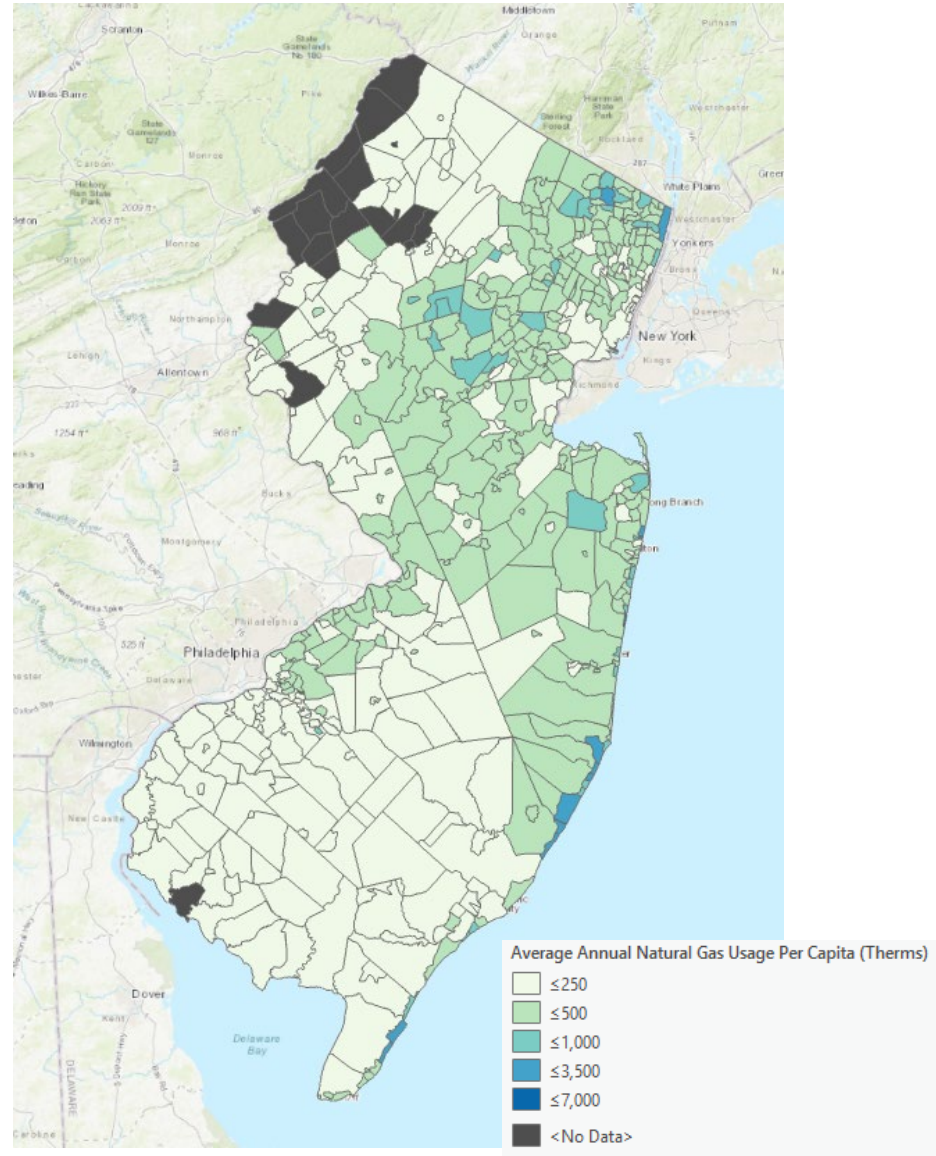


Source: NJDEP

Electricity – Per Capita



Natural Gas – Per Capita



Source: NJDEP

Other Heating Fuels and GHG Emissions - 2015

This table has been compiled to help calculate the Greenhouse Gas Emissions for other significant heating fuels used in New Jersey. The data for total statewide usage for each fuel was used to come up with an average emissions profile for each of the listed fuels. These conversion factors were then applied to the number of homes using each fuel according American Community Survey data estimates for 2015. The conversion factors for each fuel type are listed at the conclusion of this table.

Note: The primary source of home heating varies across New Jersey municipalities. The US Census American Community Survey (ACS) includes the number of homes utilizing each source of home heating energy and that data can be used to calculate GHG emissions. To accurately construct a carbon footprint, one should account for all significant sources of heating energy in the community. For example, in communities where oil is source of home heating, users will need to estimate the carbon emissions resulting from those homes. Home heating oil is a private industry, and therefore Sustainable Jersey is unable to report specific usage data at the municipal level for home heating oil usage. The same is true for residential customers who use delivered propane gas to heat their homes. In these cases, the average emissions for each fuel and housing unit is multiplied by the number of housing units and then converted to calculate GHG emissions (CO2e Metric tons).

Municipality	County	Total Housing Units	Housing Units Primary Heating Fuel: Bottled, tank, or LP gas	Housing Units Primary Heating Fuel: Fuel oil, kerosene, etc.	Housing Units Primary Heating Fuel: Wood	Sum of GHG Emissions for Propane, Fuel Oil, & Wood (CO2e Metric Tons)
Aberdeen township	Monmouth	6,808	39	202	5	1,516
Absecon city	Atlantic	3,259	15	225	0	1,247
Alexandria township	Hunterdon	1,641	593	911	61	10,782
Allamuchy township	Warren	2,049	93	256	21	2,955
Allendale borough	Bergen	2,211	0	145	0	764
Allenhurst borough	Monmouth	207	0	10	1	111
Allentown borough	Monmouth	695	2	48	8	728
Alloway township	Salem	1,213	192	736	91	9,975
Alpha borough	Warren	950	35	321	17	2,827
Alpine borough	Bergen	575	8	8	0	75
Andover borough	Sussex	273	14	226	4	1,482
Andover township	Sussex	1,971	315	922	55	9,356
Asbury Park city	Monmouth	6,793	89	339	0	2,150



Preliminary Transportation Data



Preliminary NJ Transportation Data by Municipality

Metropolitan Planning Organizations (MPO): **DVRPC** - Delaware Valley Regional Planning Commission **NJTPA** - North Jersey Transportation Planning Authority **SJTPO** - South Jersey Transportation Planning Organization

Municipality	County	MPC	Year of VMT Model	Total Annual VMT	Light Duty Passenger Cars		Passenger Light Trucks		Commercial Light Duty Trucks		Medium & Heavy Duty Vehicles	
					Passenger Car VMT	Gal of Fuel Consume	Passenger Light Truck VMT	Gal of Fuel Consume	Commercial Light Duty Truck VN	Gal of Fuel Consume	Total Medium & Heavy Duty VM	Gal of Fuel Consumed
Aberdeen township	Monmouth	NJTPA	2017	115,779,566	55,574,192	2,329,156	49,785,213	2,870,886	4,631,183	267,059	5,788,978	526,270.75
Absecon city	Atlantic	SJTPO	2015	354,499,870	170,159,937	7,131,530	152,434,944	8,790,228	14,179,995	817,696	17,724,993	1,611,363.04
Alexandria township	Hunterdon	NJTPA	2017	46,619,414	22,377,319	937,850	20,046,348	1,155,981	1,864,777	107,533	2,330,971	211,906.43
Allamuchy township	Warren	NJTPA	2017	47,937,196	23,009,854	964,360	20,612,994	1,188,657	1,917,488	110,573	2,396,860	217,896.35
Allendale borough	Bergen	NJTPA	2017	58,271,297	27,970,223	1,172,253	25,056,658	1,444,903	2,330,852	134,410	2,913,565	264,869.53
Allenhurst borough	Monmouth	NJTPA	2017	3,538,267	1,698,368	71,180	1,521,455	87,735	141,531	8,161	176,913	16,083.03
Allentown borough	Monmouth	NJTPA	2017	11,111,401	5,333,472	223,530	4,777,902	275,520	444,456	25,630	555,570	50,506.37
Alloway township	Salem	SJTPO	2015	21,060,214	10,108,902	423,672	9,055,892	522,212	842,409	48,578	1,053,011	95,728.24
Alpha borough	Warren	NJTPA	2017	26,721,594	12,826,365	537,563	11,490,285	662,592	1,068,864	61,636	1,336,080	121,461.79
Alpine borough	Bergen	NJTPA	2017	15,409,607	7,396,611	309,997	6,626,131	382,099	616,384	35,544	770,480	70,043.67
Andover borough	Sussex	NJTPA	2017	5,057,013	2,427,366	101,733	2,174,516	125,394	202,281	11,665	252,851	22,986.42
Andover township	Sussex	NJTPA	2017	49,830,470	23,918,626	1,002,447	21,427,102	1,235,603	1,993,219	114,940	2,491,524	226,502.14
Asbury Park city	Monmouth	NJTPA	2017	76,371,347	36,658,247	1,536,374	32,839,679	1,893,714	3,054,854	176,159	3,818,567	347,142.49
Atlantic City city	Atlantic	SJTPO	2015	257,185,004	123,448,802	5,173,831	110,589,552	6,377,195	10,287,400	593,227	12,859,250	1,169,022.74
Atlantic Highlands boroug	Monmouth	NJTPA	2017	25,719,927	12,345,565	517,412	11,059,569	637,755	1,028,797	59,326	1,285,996	116,908.76
Audubon borough	Camden	DVRPC	2015	48,691,730	23,372,030	979,539	20,937,444	1,207,367	1,947,669	112,313	2,434,587	221,326.05
Audubon Park borough	Camden	DVRPC	2015	4,886,620	2,345,578	98,305	2,101,247	121,169	195,465	11,272	244,331	22,211.91
Avalon borough	Cape May	SJTPO	2015	9,621,228	4,618,190	193,552	4,137,128	238,569	384,849	22,192	481,061	43,732.86
Avon-by-the-Sea borough	Monmouth	NJTPA	2017	9,585,256	4,600,923	192,828	4,121,660	237,677	383,410	22,110	479,263	43,569.35
Barneget Light borough	Ocean	NJTPA	2017	2,573,773	1,235,411	51,777	1,106,722	63,820	102,951	5,937	128,689	11,698.97
Barneget township	Ocean	NJTPA	2017	125,968,873	60,465,059	2,534,136	54,166,615	3,123,542	5,038,755	290,562	6,298,444	572,585.79
Barrington borough	Camden	DVRPC	2015	43,513,475	20,886,468	875,367	18,710,794	1,078,966	1,740,539	100,369	2,175,674	197,788.52
Bass River township	Burlington	DVRPC	2015	21,837,950	10,482,216	439,317	9,390,319	541,497	873,518	50,372	1,091,898	99,263.41
Bay Head borough	Ocean	NJTPA	2017	6,708,871	3,220,258	134,963	2,884,815	166,354	268,355	15,475	335,444	30,494.87
Bayonne city	Hudson	NJTPA	2017	300,125,162	144,060,078	6,037,665	129,053,820	7,441,945	12,005,006	692,274	15,006,258	1,364,205.28
Beach Haven borough	Ocean	NJTPA	2017	8,321,786	3,994,457	167,411	3,578,368	206,348	332,871	19,195	416,089	37,826.30
Beachwood borough	Ocean	NJTPA	2017	47,705,166	22,898,480	959,692	20,513,221	1,182,904	1,908,207	110,038	2,385,258	216,841.66
Bedminster township	Somerset	NJTPA	2017	152,252,646	73,081,270	3,062,890	65,468,638	3,775,278	6,090,106	351,189	7,612,632	692,057.48
Belleville township	Essex	NJTPA	2017	158,335,804	76,001,186	3,185,266	68,084,396	3,926,116	6,333,432	365,220	7,916,790	719,708.20
Bellmawr borough	Camden	DVRPC	2015	77,874,940	37,379,971	1,566,622	33,486,224	1,930,998	3,114,998	179,628	3,893,747	353,977.00

NJ EV Report

Municipality	County	Median HH income	Estimated Total Vehicles 2015	# of EVs 2015	% of EVs in 2015	Estimated Total Vehicles 2019	# of EVs 2019	% of EVs in 2019	EV Index	% Change
Far Hills borough	Somerset County	\$ 103,333.00	800	4	0.53%	650	28	4.37%	1.24	576.19%
Alpine borough	Bergen County	\$ 111,146.00	1,185	11	0.90%	1,168	47	4.02%	1.89	339.25%
Saddle River borough	Bergen County	\$ 121,026.00	2,487	8	0.32%	2,738	73	2.67%	1.96	815.00%
Millburn township	Essex County	\$ 184,783.00	12,477	26	0.21%	12,755	336	2.63%	8.83	1185.82%
Mountain Lakes borough	Morris County	\$ 164,432.00	2,997	6	0.20%	2,930	77	2.61%	2.00	1196.61%
Demarest borough	Bergen County	\$ 163,571.00	3,352	7	0.21%	3,331	86	2.58%	2.22	1093.06%
Pennington borough	Mercer County	\$ 115,536.00	1,779	6	0.31%	1,693	42	2.45%	1.02	654.55%
Englewood Cliffs borough	Bergen County	\$ 140,605.00	3,556	9	0.25%	3,632	89	2.45%	2.18	888.89%
Princeton	Mercer County	\$ 114,645.00	14,615	54	0.37%	15,600	374	2.40%	8.98	592.96%
Tenafly borough	Bergen County	\$ 147,196.00	8,787	17	0.19%	8,619	202	2.35%	4.75	1097.04%
Watchung borough	Somerset County	\$ 140,163.00	4,166	20	0.47%	4,165	95	2.27%	2.14	379.70%
West Windsor township	Mercer County	\$ 161,750.00	17,832	53	0.30%	18,444	405	2.20%	8.91	669.07%
Montgomery township	Somerset County	\$ 155,334.00	14,935	35	0.24%	15,467	326	2.11%	6.88	826.42%
Andover borough	Sussex County	\$ 76,875.00	525	2	0.40%	450	9	2.09%	0.20	347.62%
Chester borough	Morris County	\$ 97,250.00	981	3	0.34%	1,061	22	2.03%	0.44	551.52%
Warren township	Somerset County	\$ 143,833.00	10,844	29	0.27%	11,322	227	2.00%	4.54	673.72%
Upper Saddle River borough	Bergen County	\$ 169,301.00	5,537	12	0.21%	5,525	108	1.96%	2.12	810.08%
Essex Fells borough	Essex County	\$ 172,386.00	1,633	2	0.12%	1,607	31	1.94%	0.61	1460.00%
Rocky Hill borough	Somerset County	\$ 104,219.00	440	1	0.23%	450	8	1.78%	0.14	700.00%
South Orange Village towns	Essex County	\$ 116,727.00	8,398	21	0.25%	8,274	146	1.76%	2.58	595.24%
Hopewell borough	Mercer County	\$ 101,316.00	1,424	6	0.45%	1,390	24	1.69%	0.40	267.19%
Franklin Lakes borough	Bergen County	\$ 156,146.00	8,589	11	0.13%	8,580	143	1.66%	2.38	1198.18%
Livingston township	Essex County	\$ 143,203.00	19,288	32	0.16%	19,923	326	1.64%	5.35	936.19%
Cresskill borough	Bergen County	\$ 110,156.00	5,602	6	0.11%	5,438	88	1.61%	1.41	1311.29%
Mendham borough	Morris County	\$ 129,853.00	3,191	8	0.24%	3,505	54	1.53%	0.82	605.26%
Montclair township	Essex County	\$ 99,105.00	21,455	39	0.18%	22,439	329	1.47%	4.84	736.04%
Ridgewood village	Bergen County	\$ 147,823.00	15,735	24	0.15%	15,776	229	1.45%	3.33	859.41%
Glen Ridge borough	Essex County	\$ 170,433.00	4,361	3	0.07%	4,520	65	1.44%	0.93	1931.25%
Colts Neck township	Monmouth County	\$ 160,000.00	7,156	16	0.22%	6,929	99	1.43%	1.42	531.21%
Cranbury township	Middlesex County	\$ 128,750.00	2,693	3	0.12%	2,602	37	1.41%	0.52	1087.10%
Rumson borough	Monmouth County	\$ 136,538.00	4,817	18	0.38%	4,801	68	1.41%	0.96	274.59%
Bernards township	Somerset County	\$ 129,690.00	17,670	29	0.16%	18,376	259	1.41%	3.64	798.61%
Holmdel township	Monmouth County	\$ 136,525.00	11,350	25	0.22%	11,730	165	1.41%	2.33	558.17%
Plainsboro township	Middlesex County	\$ 96,480.00	15,022	21	0.14%	14,442	201	1.39%	2.80	862.68%
Harding township	Morris County	\$ 171,331.00	3,074	4	0.13%	3,272	45	1.39%	0.63	1007.32%
Summit city	Union County	\$ 129,583.00	13,018	32	0.25%	13,489	187	1.39%	2.60	484.69%

Comparing Percent EV Ownership and Median Household Income (2019)





Preliminary 2015 GHG Emissions



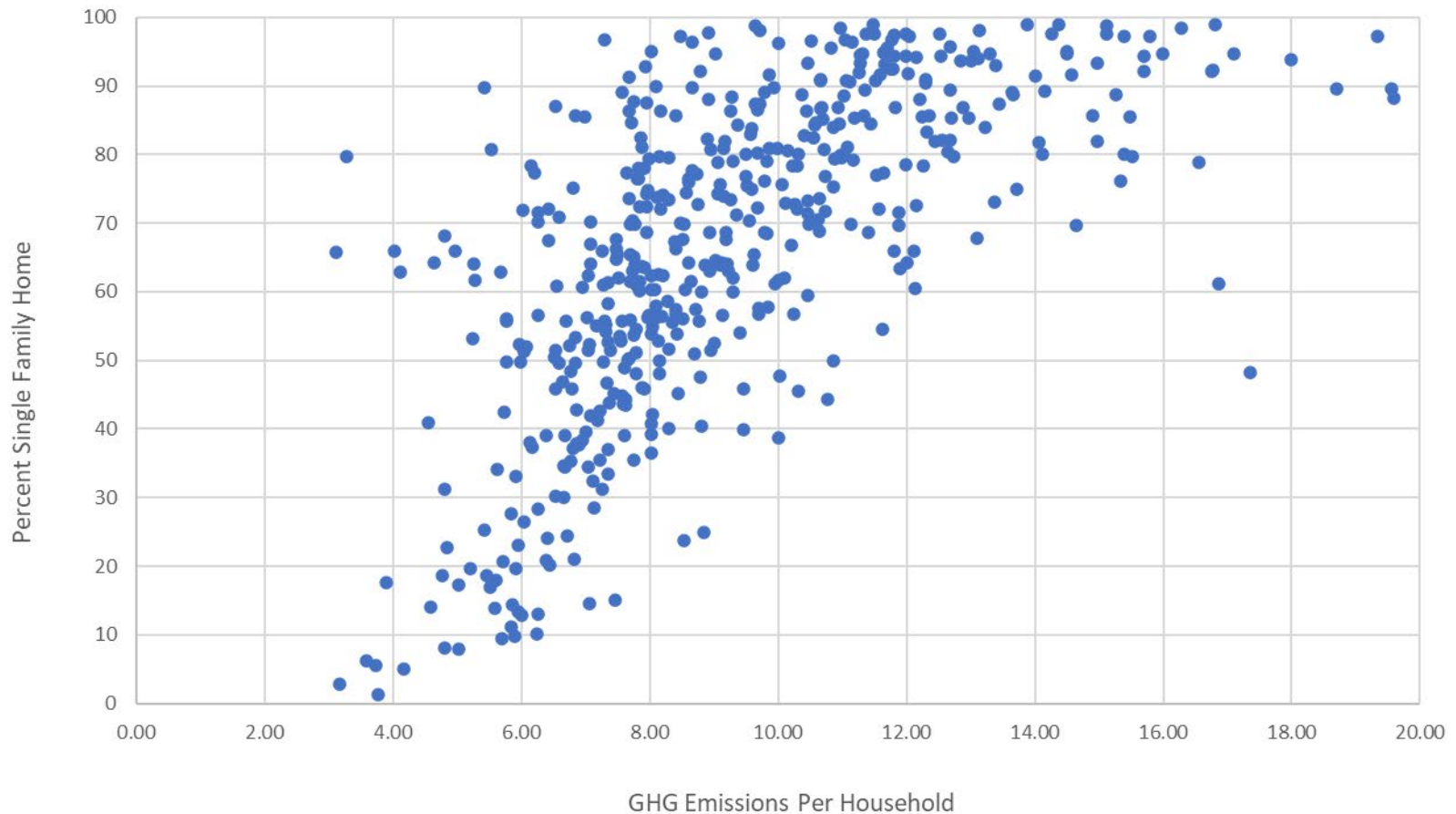
Preliminary 2015 GHG Emissions by Municipality (MT CO2e)

Data Acronyms: NDA - No Data Available NDR - No Data Reported

Highlighting Partial Data : Data + NDA Data + CWC

Municipality	County	Electricity				Natural Gas			Other Heating	Transportation	
		Residential	Commercial	Industrial	Street Lightin	Residential	Commercial	Industrial	Fuels	Light Duty	M&H Duty
Aberdeen township	Monmouth	21,189	11,212	558	274	28,223	6,850	NDR	1,516	48,214	5,457
Absecon city	Atlantic	16,368	19,364	NDR	168	8,840	18,884	NDR	1,247	147,624	16,708
Alexandria township	Hunterdon	8,587	2,181	7	9	NDR	NDR	NDR	10,782	19,414	2,197
Allamuchy township	Warren	7,507	2,488	318	59	7,584	262	NDR	2,955	19,962	2,259
Allendale borough	Bergen	10,265	10,624	NDR	NDR	19,302	6,786	210	764	24,266	2,746
Allenhurst borough	Monmouth	1,784	1,972	7	33	3,038	465	NDR	111	1,473	167
Allentown borough	Monmouth	2,467	1,939	83	78	3,099	1,412	34	728	4,627	524
Alloway township	Salem	4,661	1,214	NDR	27	944	NDR	NDR	9,975	8,770	993
Alpha borough	Warren	3,004	6,187	749	18	1,971	1,338	NDR	2,827	11,128	1,259
Alpine borough	Bergen	7,594	NDR	NDR	NDR	12,648	779	NDR	75	6,417	726
Andover borough	Sussex	1,115	962	26	14	NDR	NDR	NDR	1,482	2,106	238
Andover township	Sussex	9,698	4,870	324	19	1,287	2,816	NDR	9,356	20,751	2,349
Asbury Park city	Monmouth	12,881	21,040	1,107	472	17,889	21,234	NDR	2,150	31,803	3,599
Atlantic City city	Atlantic	32,046	291,291	14	2,685	23,662	467,185	133,095	5,176	107,099	12,121
Atlantic Highlands borough	Monmouth	6,909	4,039	42	116	9,761	3,762	NDR	1,094	10,711	1,212
Audubon borough	Camden	10,740	8,843	41	141	14,080	5,968	88	2,632	20,277	2,295
Audubon Park borough	Camden	NDR	NDR	NDR	1	NDR	NDR	NDR	11	2,035	230
Avalon borough	Cape May	16,437	5,773	NDR	139	10,907	7,633	NDR	52	4,007	453
Avon-by-the-Sea borough	Monmouth	3,306	1,203	53	33	5,349	1,212	NDR	173	3,992	452
Barnegat Light borough	Ocean	NDR	NDR	NDR	NDR	2,577	447	NDR	95	1,072	121
Barnegat township	Ocean	35,803	10,821	173	409	37,117	3,885	NDR	6,772	52,457	5,937
Barrington borough	Camden	8,433	7,434	77	154	9,274	6,433	3,370	1,679	18,120	2,051
Bass River township	Burlington	2,412	1,297	1,817	23	265	1,879	NDR	4,512	9,094	1,029
Bay Head borough	Ocean	3,372	1,212	2,040	8	5,253	688	NDR	187	2,794	316
Bayonne city	Hudson	52,156	58,008	11,571	1,680	85,372	480,463	5,296	13,908	124,981	14,145
Beach Haven borough	Ocean	19,804	6,017	11	107	21,388	2,884	NDR	53	3,465	392
Beachwood borough	Ocean	13,805	2,553	81	51	14,727	1,245	NDR	2,987	19,866	2,248
Bedminster township	Somerset	12,868	30,782	174	15	12,970	4,238	NDR	3,415	63,402	7,176
Belleville township	Essex	30,925	27,496	1,913	736	49,826	29,755	1,518	7,539	65,936	7,462
Bellmawr borough	Camden	13,427	18,365	2,709	234	15,788	11,384	3,224	2,098	32,429	3,670

Comparing Percent Single Family Home to GHG Emissions



*Based on preliminary 2015 GHG emissions data

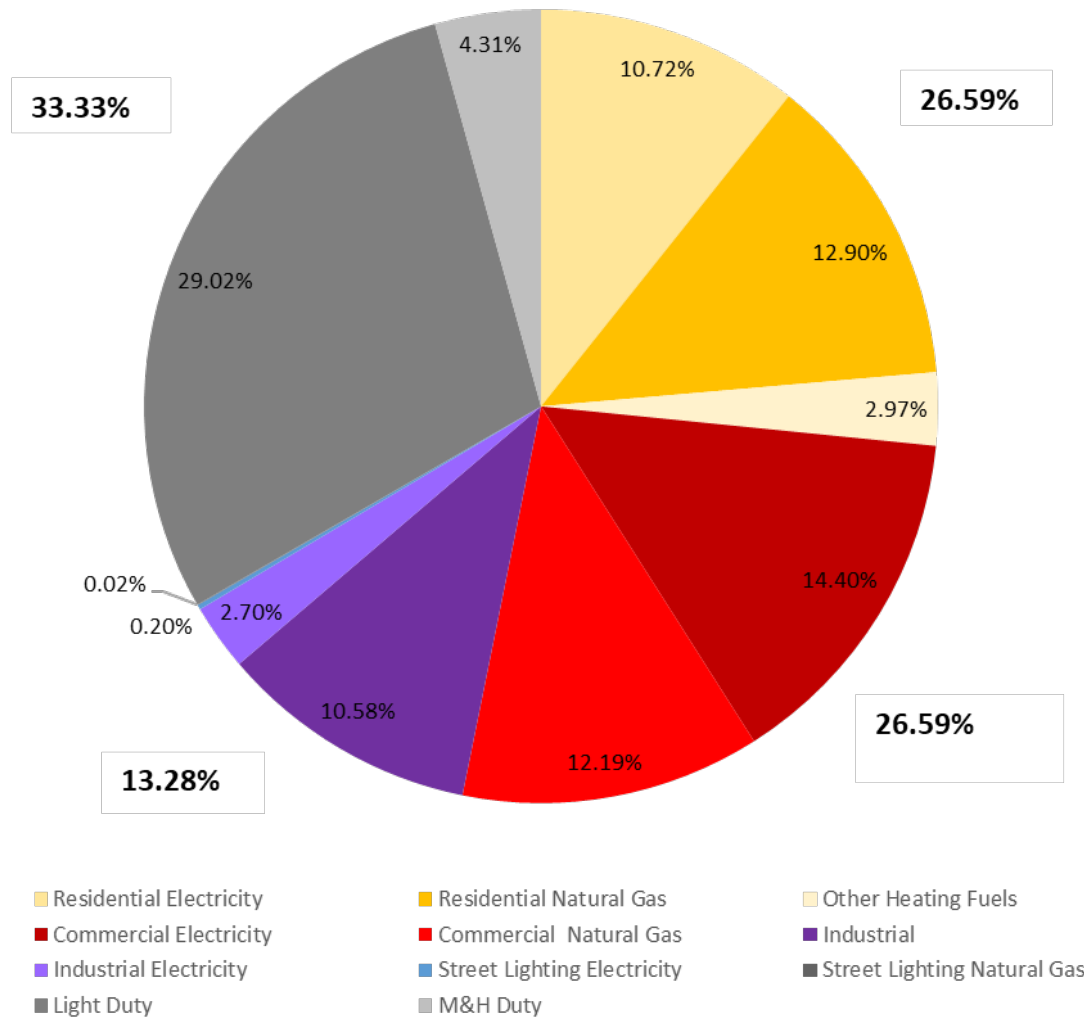


Preliminary Household Analysis

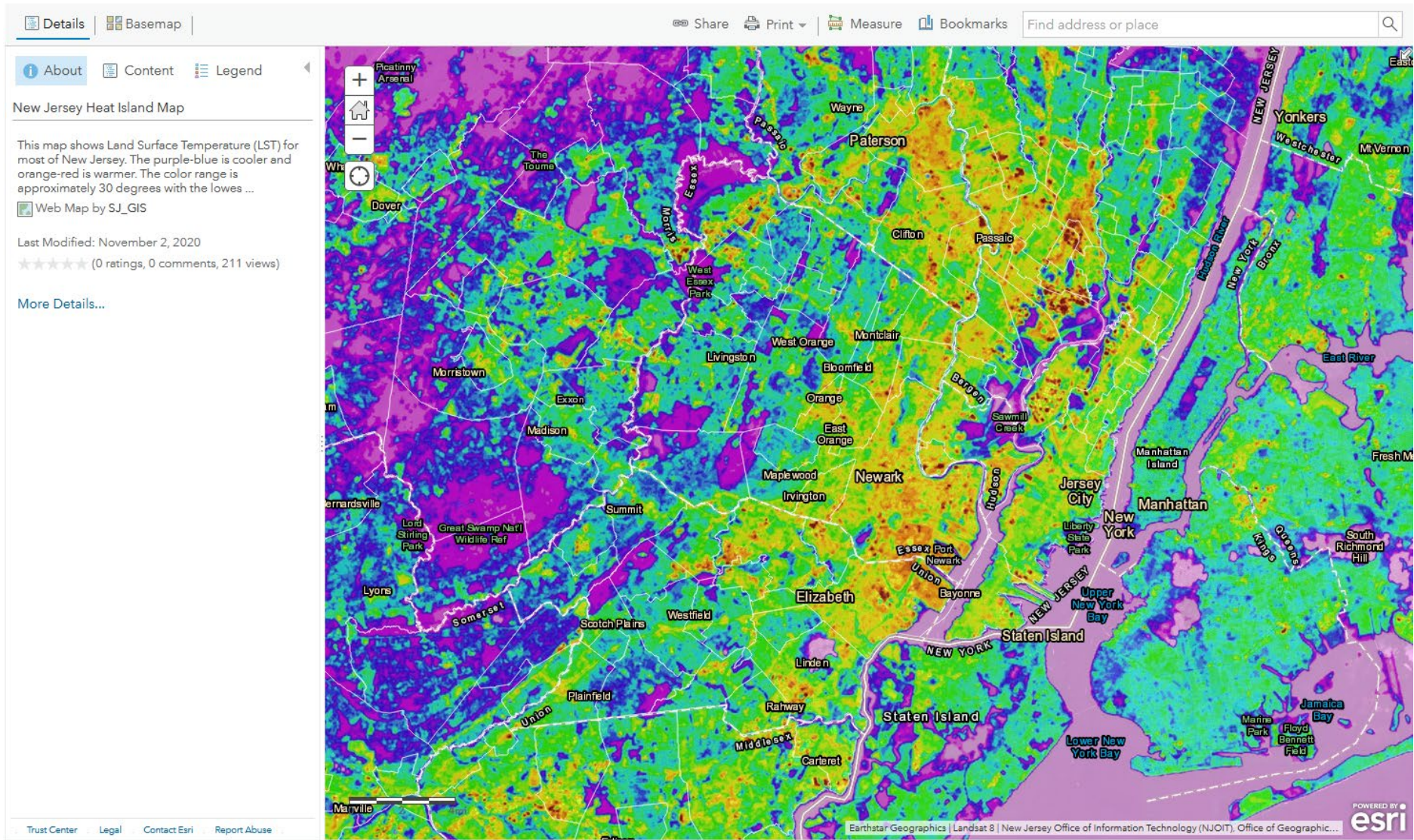


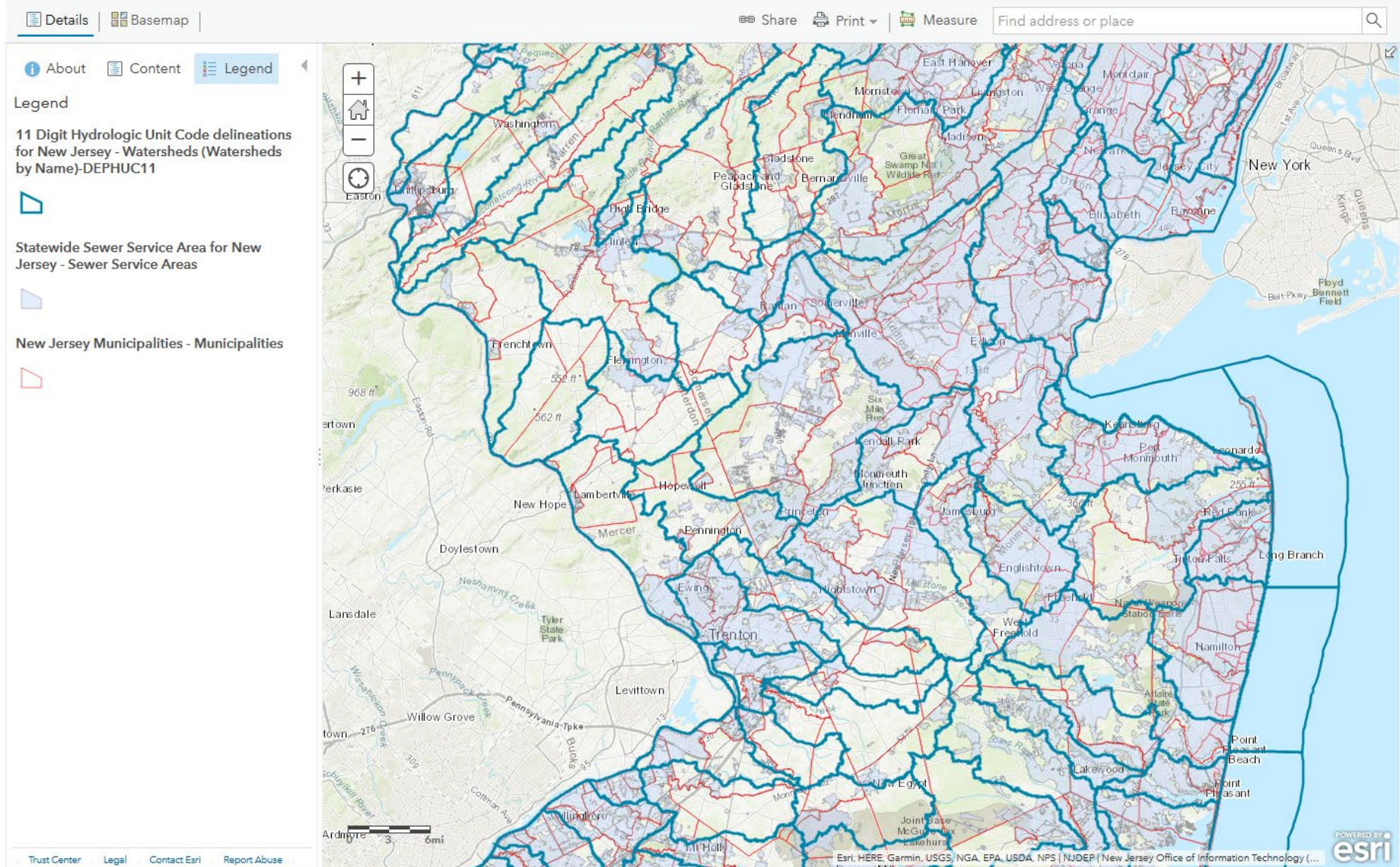
Municipality	County	Population	Housing Units	Households	Median HH Income	% SFH	Total Passenger Vehicle	Total Residential Stationary CO2e (Metric Tons)	CO2e Per Household	Total Passenger Vehicle CO2e 2015	Transportation CO2e Per HH	Residential and Passenger Vehicle CO2e Combine	Stationary and Passenger ICE Vehicle Combined per HH
Guttenberg town	Hudson	11,595	4,801	4,386	\$ 56,837	6.3	18,722	15,757.90	3.59	14,624.29	3.33	30,382.19	6.93
West New York town	Hudson	51,860	20,612	19,161	\$ 45,370	5.5	132	71,316.55	3.72	76,148.79	3.97	147,465.34	7.70
Union City city	Hudson	68,656	25,813	23,029	\$ 41,107	5.1	2,012	95,785.64	4.16	93,043.30	4.04	188,828.94	8.20
Cliffside Park borough	Bergen	24,493	11,163	10,473	\$ 60,979	18.6	7,021	57,235.98	5.47	30,126.26	2.88	87,362.24	8.34
Woodland Park borough	Passaic	12,267	4,606	4,262	\$ 78,708	45.1	1,041	36,011.02	8.45	0.00	0.00	36,011.02	8.45
Fairview borough	Bergen	14,233	5,818	5,404	\$ 53,846	19.7	12,032	28,163.95	5.21	18,576.33	3.44	46,740.28	8.65
Hoboken city	Hudson	52,452	26,464	24,579	\$ 114,381	1.3	3,463	92,637.10	3.77	120,009.52	4.88	212,646.62	8.65
Neptune township	Monmouth	27,675	12,887	10,875	\$ 62,992	65.1	2,583	84,249.70	7.75	12,680.13	1.17	96,929.83	8.91
East Orange city	Essex	64,578	30,455	25,526	\$ 36,921	17.9	7,600	142,861.45	5.60	94,008.46	3.68	236,869.90	9.28
Irvington township	Essex	54,320	23,877	20,062	\$ 36,782	19.6	18,547	118,694.40	5.92	69,136.59	3.45	187,830.99	9.36
Lindenwold borough	Camden	17,492	8,575	7,450	\$ 38,906	31.2	9,456	35,723.16	4.80	34,094.53	4.58	69,817.69	9.37
Asbury Park city	Monmouth	15,945	8,288	6,793	\$ 32,755	22.7	40,227	32,920.57	4.85	31,803.27	4.68	64,723.84	9.53
City of Orange township	Essex	30,373	13,105	11,220	\$ 33,233	16.9	6,877	61,919.21	5.52	46,452.18	4.14	108,371.39	9.66
Palisades Park borough	Bergen	20,364	7,791	7,340	\$ 64,726	14.4	4,196	43,012.64	5.86	28,262.16	3.85	71,274.80	9.71
Roselle borough	Union	21,466	8,678	8,128	\$ 43,397	52.3	3,702	48,444.03	5.96	30,756.22	3.78	79,200.25	9.74
Roselle Park borough	Union	13,555	5,413	4,910	\$ 63,021	56.5	3,170	30,687.20	6.25	17,517.55	3.57	48,204.74	9.82
Keansburg borough	Monmouth	9,967	5,029	4,127	\$ 47,686	61.7	4,817	21,783.17	5.28	20,050.44	4.86	41,833.61	10.14
Fort Lee borough	Bergen	36,251	18,103	16,510	\$ 70,415	14	4,213	75,808.45	4.59	93,543.42	5.67	169,351.86	10.26
Wallington borough	Bergen	11,584	5,006	4,594	\$ 55,547	23.1	1,032	27,347.73	5.95	19,879.06	4.33	47,226.79	10.28
Victory Gardens borough	Morris	1,593	600	585	\$ 39,811	25.3	1,731	3,171.50	5.42	3,016.68	5.16	6,188.19	10.58
Edgewater borough	Bergen	11,935	6,234	5,671	\$ 101,767	8.1	15,601	27,240.63	4.80	32,816.43	5.79	60,057.05	10.59
Passaic city	Passaic	70,618	21,721	19,802	\$ 31,832	12.8	6,832	118,763.00	6.00	91,602.02	4.63	210,365.02	10.62
Atlantic City city	Atlantic	39,547	19,934	15,633	\$ 25,737	17.7	29,384	60,884.66	3.89	107,099.37	6.85	167,984.03	10.75
Collingswood borough	Camden	13,925	7,005	6,029	\$ 60,777	37.4	18,509	37,139.61	6.16	27,646.68	4.59	64,786.28	10.75
Hopewell township	Cumberland	4,505	1,723	1,577	\$ 66,326	89.8	2,383	8,541.06	5.42	8,409.25	5.33	16,950.31	10.75
South Hackensack township	Bergen	2,705	930	925	\$ 63,693	33.5	1,471	6,803.73	7.36	3,165.35	3.42	9,969.08	10.78
Manchester township	Ocean	43,251	25,665	22,591	\$ 40,154	50.4	10,829	147,037.71	6.51	97,220.38	4.30	244,258.09	10.81
Bayonne city	Hudson	65,378	27,398	25,474	\$ 54,413	13.3	8,787	151,435.47	5.94	124,980.91	4.91	276,416.39	10.85
Highland Park borough	Middlesex	14,263	6,046	5,690	\$ 68,837	38	4,181	34,873.23	6.13	27,382.33	4.81	62,255.56	10.94
Pine Hill borough	Camden	10,419	4,261	3,921	\$ 50,184	49.7	5,938	22,646.66	5.78	20,650.27	5.27	43,296.93	11.04
North Arlington borough	Bergen	15,734	6,296	6,122	\$ 66,484	42.8	5,297	42,033.62	6.87	26,346.49	4.30	68,380.11	11.17
Lodi borough	Bergen	24,590	9,743	9,061	\$ 50,774	24.1	11,991	57,976.11	6.40	43,316.11	4.78	101,292.22	11.18
Elsinboro township	Salem	1,040	512	469	\$ 66,094	90	10,341	3,795.86	8.09	1,466.31	3.13	5,262.17	11.22
Garfield city	Bergen	31,265	11,691	10,875	\$ 45,469	20.2	5,103	69,978.33	6.43	52,103.63	4.79	122,081.96	11.23
Bogota borough	Bergen	8,329	2,946	2,878	\$ 76,649	62	19,782	21,649.80	7.52	10,687.41	3.71	32,337.21	11.24

Typical Energy GHG Emissions Profile of a NJ Municipality



*Based on preliminary 2015 GHG emissions data





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- List of Summit events with registration - **bit.ly/NJVirtualSustSummit**
- Recordings of Summit events – *will be posted by 5/28.* **www.sustainablejersey.com > Resources > Presentations > Sustainability Summit**



Questions?



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