

SMARTENERGY NEW JERSEY CONTRACT SUMMARY

| | |
|---|--|
| Third Party Supplier (TPS) Information By entering into this contract, you are agreeing to purchase your electric supply from this supplier. | SmartEnergy Holdings, LLC (“SmartEnergy”) NJ TPS license number ESL-0154 100 Overlook Center, 2nd Floor, Princeton, NJ 08540 1-800-443-4440 customer.care@smartenergy.com www.smartenergy.com SmartEnergy is responsible for your supply. |
| Price Structure | Fixed during the first six (6) monthly billing cycles, after which the Agreement will continue at a variable rate. Variable rates may be higher or lower each month, will be set in SmartEnergy’s sole discretion, and are not based on a market or index price. This price includes Sales and Use Tax. THERE IS NO LIMIT ON HOW MUCH THE PRICE MAY CHANGE FROM ONE BILLING CYCLE TO THE NEXT. THE RATE CAN CHANGE EACH BILLING PERIOD. |
| Generation/Supply Price | The rate for the first six (6) billing cycles is 15.53 cents/kWh. |
| Statement Regarding Savings | The supply price may not always provide savings to the Customer . |
| Amount of time required to change from TPS back to default service or another TPS | Upon your termination of the Agreement, we will return you to being supplied by your Local Distribution Company (“LDC”) or another TPS at your next available meter read date. |
| Incentives | None |
| Right to Cancel/Rescind | You will receive a notice from your utility confirming your selection of SmartEnergy as your supplier. You will have seven (7) calendar days from the date of that confirmation notice to contact the LDC and cancel this Agreement without penalty. |
| Contract Start Date | This Agreement will start with the first billing cycle after the LDC completes your enrollment with SmartEnergy . |
| Contract Term/Length | Six (6) billing cycles |
| Cancellation/Early Termination Fees | None |
| Renewal Terms | SmartEnergy will send you a renewal notice 30 days prior to expiration of this Agreement with new terms and price. If you do not affirmatively consent to the new terms, we shall either return you to being served by your LDC (basic generation service) or continue to serve you on a month-to-month term under current contract terms. |
| Distribution Company Information | Jersey Central Power & Light, 1-800-662-3115, www.firstenergycorp.com . LDC will continue to deliver the electricity and you will continue to pay the LDC for this service. You should call the LDC in the event of any emergencies/outages/etc. |

Para obtener una versión de este contrato en español, comuníquese con atención al cliente al 1-800-443-4440 (sin costo), de lunes a viernes de 8:00 a.m. a 6:00 p.m. E.T., y sábados de 9:00 a.m. a 6:00 p.m. E.T.



SmartEnergy – New Jersey Agreement for Residential and Small Commercial Customers

1. **Agreement to Purchase Electricity.** SmartEnergy Holdings, LLC (“SmartEnergy”), www.smartenergy.com, is a Third Party Supplier, licensed by the State of New Jersey Board of Public Utilities (“BPU”) to offer and supply electric generation services to residential and small commercial customers in the State of New Jersey. SmartEnergy’s BPU TPS license number is ESL-0154. Subject to acceptance by SmartEnergy and your Local Distribution Company (“LDC”), you agree to purchase, and SmartEnergy agrees to supply, all of your electricity, as delivered to you by your LDC under the terms and conditions set forth in this document (the “Contract”). SmartEnergy will be supplying the generation portion of your electricity, and your LDC will continue to provide the distribution services. As used herein, the words “we”, “us” and “our” refer to SmartEnergy, and the words “you” and “your” refer to the Customer. THE PURPOSE OF THIS CONTRACT IS TO AUTHORIZE SMARTENERGY TO CHANGE YOUR ELECTRIC POWER SUPPLIER.

2. **Agreement and Term.** The Contract, Enrollment Form, Internet Enrollment Form, Telephone Verification Recording, Contract Summary and Welcome Letter shall be referred to collectively as the “Agreement”. Please retain this document for your records. The Contract Summary specifies the product type (fixed rate or variable rate) and the term that applies to your Agreement with SmartEnergy. Only applicable sections that describe your specific product type will apply to your Agreement. The term of your Agreement begins with the next available meter reading after processing of your enrollment by your EDC and SmartEnergy.

a. If you enrolled in a fixed-rate plan, your Agreement will continue for the fixed rate period as set forth at the time of enrollment and confirmed in the Welcome Letter or the Contract Summary, and at the expiration of the fixed rate period will automatically continue on month-to-month basis, unless earlier

terminated by you or SmartEnergy in accordance with the terms of this Agreement. SmartEnergy will provide you with a renewal notification at least 30 days prior to the expiration of the fixed price period (“Renewal Notice”). In the Renewal Notice, SmartEnergy will provide information regarding your options to renew or continue on another SmartEnergy product. Unless you select another SmartEnergy product, terminate or transfer service within 10 days of such notice, your electricity supply with SmartEnergy will continue as described herein. The fixed rate applicable to the first six monthly billing cycles is indicated in your Contract Summary.

b. If you enrolled in a variable-rate plan, your Agreement will continue on a month-to-month basis, unless terminated by you or SmartEnergy in accordance with the terms of this Agreement.

3. **Right to Cancel.** You will receive a confirmation notice from your LDC confirming your selection of SmartEnergy as your electric power supplier. You will have seven (7) calendar days from the date of the confirmation notice to cancel your enrollment with SmartEnergy by contacting your LDC using the contact information set forth in the Contract Summary. This Agreement for electric generation services shall not be legally binding upon Customer until the 7-day confirmation period has expired, and you have not, directly or indirectly, rescinded your selection of SmartEnergy.

4. **Relocation.** You are required to provide notice to SmartEnergy if you relocate. If you relocate, a final reading will be made at your old address, and your account with both the LDC and SmartEnergy will be terminated. You will be obligated to pay for the electricity supply service provided through the date the termination due to relocation becomes effective, including without limitation, any applicable LDC fees or charges. If you relocate within your LDC’s service territory, you may be able to enter into a new electricity supply agreement with SmartEnergy.

5. **Disconnection of Service.** Only your LDC has the ability to disconnect your service. Failure to make full payment of LDC charges may result in you

being disconnected in accordance with your **LDC's** tariff.

6. **Pricing.** You have enrolled either in a fixed-rate plan or a variable-rate plan as set forth at the time of enrollment and confirmed in the Welcome Letter or the Contract Summary. Fixed rates and variable rates, if applicable, will be determined as follows:

a. **Fixed Rate.** If you enrolled in a fixed-rate plan, the fixed rate per kilowatt-hour ("kWh") will be as indicated in the Welcome Letter or the Contract Summary. The fixed rate will be multiplied by the amount of electricity you use in the billing cycle to determine the generation portion of your bill, plus any applicable fees, charges or taxes. This price includes Sales and Use Tax.

b. **Variable Rate.** If you enrolled in a variable rate plan, the variable rate per kWh for the first month will be as indicated in the Welcome Letter or the Contract Summary. Thereafter, or if your Agreement converts to a variable-rate plan, the rate for electricity will be a variable rate; variable rates may be higher or lower each month, will be set in **SmartEnergy's** sole discretion, and are not based on a market or index price. This price includes Sales and Use Tax. **SmartEnergy** typically considers some or all of the following factors when setting its variable rates:

- publicly available competitor pricing;
- strategic business objectives;
- customer retention or attrition;
- market volatility or uncertainty;
- anticipated customer usage;
- the cost of procuring power including wholesale prices, any ancillary service costs, capacity auctions, utility fees, and transmission and distribution losses;
- weather, supply congestion and infrastructure issues;
- legal or regulatory issues; and
- profit margin.

This list of factors is not exhaustive, and no single factor will determine the rate. Some factors may be estimated or projected, and the factors **SmartEnergy** considers may be weighed differently each month. **SmartEnergy** may spread sudden cost increases over

multiple billing cycles so that its customers do not bear the burden of such increases in a single month. In addition, **SmartEnergy** seeks to acquire the majority of its anticipated electricity supply in advance rather than from the spot market. For all of these reasons, the variable rate may not correlate with changes in wholesale market prices, with the **LDC's** rate or with other suppliers' rates. The variable rate assigned to any particular individual account may vary from the rate assigned to any other particular individual account, even though such accounts may be in the same utility rate class. **YOU WILL NOT RECEIVE A NOTICE OF THE UPCOMING VARIABLE RATE; UNLESS YOU CONTACT SMARTENERGY, YOU WILL NOT KNOW THE RATE UNTIL TIME OF BILLING.** To access current, available future and highest and lowest historical rates over the preceding 12 months, contact one of our customer care representatives at 1-800-443-4440 (toll-free) Monday through Friday from 8:00 a.m. to 7:00 p.m. E.T., and Saturday from 9:00 a.m. to 6:00 p.m. E.T. or visit our website www.smartenergy.com. **THERE IS NO LIMIT ON HOW MUCH THE RATE MAY CHANGE FROM ONE BILLING CYCLE TO THE NEXT. THE RATE CAN CHANGE EACH BILLING PERIOD.**

c. Depending on the product and plan that you select, you may be billed a monthly customer charge, which if applicable, will be indicated in the Welcome Letter or the Contract Summary.

d. For both fixed-rate and variable-rate plans, you will incur additional service and delivery charges from your **LDC**.

e. **SmartEnergy's** prices may be higher or lower than your **LDC's** rate in any given month.

f. If you accepted an offer from **SmartEnergy** that included an incentive to enroll, such as a month of free electricity or cash back, your incentive will be described in the Contract Summary or Welcome Letter (or both). You must complete the instructions and comply with the terms and conditions on the form included with your Welcome Letter to receive the incentive. You must have an active account with **SmartEnergy** when we process the form in order to be eligible. If you have questions regarding the incentive, you may call **SmartEnergy** at 1-800-443-

4440 (toll-free) Monday through Friday from 8:00 a.m. to 7:00 p.m. E.T., and Saturday from 9:00 a.m. to 6:00 p.m. E.T.

7. **Billing.** You will receive one bill from your **LDC** monthly, in which your **SmartEnergy** supply charges will be listed separately from your **LDC's** delivery charges. Your **LDC** may or may not charge a fee for switching service to **SmartEnergy**. **SmartEnergy** may offer budget billing for the generation portion of the bill if permitted by your **LDC**. If budget billing is available, a true-up of the account subject to budget billing shall be made at least once every 12-month period during the term of this Agreement. If at any time during the term of this Agreement your **LDC** does not provide consolidated billing for your account, you will be billed by **SmartEnergy** for any charges owed to **SmartEnergy**. In that case, you will be billed separately by your **LDC** for any taxes, distribution charges or other utility fees and charges. **SmartEnergy** will pass through to you all charges related to the collection of past due charges, including but not limited to, collection agency fees, legal and court fees and account termination fees.

8. **Payment.** Your payment is due by the date specified in your **LDC** bill, and late payments will be subject to interest at 1.5% per month or the highest amount allowable under applicable law, whichever is lower. The **LDC** will set your payment due date and the payment address.

9. **Credit Requirements.** **SmartEnergy** reserves the right to conduct a credit review prior to providing you with electricity supply service, and reserves the right to refuse you electricity supply service if you do not meet **SmartEnergy's** credit standards. You agree to provide **SmartEnergy** with any information reasonably requested in order to complete the credit review. If, prior to commencing electricity supply service or at any time during the term of this Agreement, **SmartEnergy** has good faith concerns about your creditworthiness, **SmartEnergy** may conduct a credit review.

10. **Information Release Authorization.** You authorize **SmartEnergy** to obtain and review information regarding your credit history from credit

reporting agencies and other information from your **LDC**, including but not limited to the following: account name, account number, billing address, service address, telephone number, standard offer service type, historical and future electricity usage, rate classification, public assistance status, meter readings, characteristics of electricity service and, when charges under this Agreement are included on your **LDC** bill, billing and payment information. This information may be used by **SmartEnergy** to determine whether it will commence and/or continue to provide electricity to you. Such information may be disclosed to a third-party if (a) required by law; (b) such disclosure is to a third party service provider under confidentiality obligations not to disclose such information and to use it solely for the purpose of providing services to us; (c) in connection with your electric generation service; and (d) to our affiliates and subcontractors for marketing purposes. Your acceptance of this Agreement is an authorization for the release of this information to **SmartEnergy**. This authorization will remain in effect during the term of this Agreement. You may rescind this authorization at any time by providing Notice thereof to **SmartEnergy** or calling 1-800-443-4440 (toll-free) Monday through Friday from 8:00 a.m. to 7:00 p.m. E.T., and Saturday from 9:00 a.m. to 6:00 p.m. E.T. **SmartEnergy** reserves the right to cancel this Agreement on thirty (30) calendar days' Notice in the event you rescind such authorization.

11. **Early Termination.** You may cancel this Agreement at any time, for any reason, without fees or penalties. For a residential customer, you may terminate this Agreement, with 48 hours' notice without penalty, as a result of a relocation within or outside the **LDC's** franchise area, disability that renders the customer of record unable to pay for **SmartEnergy's** service, and/or the customer of record's death. To cancel, you may contact **SmartEnergy** by mail, telephone, or electronically at the contact information provided above. If you cancel this Agreement, you agree to pay for the electricity supplied by **SmartEnergy** through the date that another company begins to supply electricity to you. You are responsible for all charges incurred through the date that makes your cancellation effective and for any fees incurred by **SmartEnergy** in collecting any unpaid amounts due. If you switch back to your **LDC**

you may or may not be served under the same rates, terms, and conditions that apply to other customers served by your **LDC**. For a residential customer, there is no charge for starting or stopping electric generation service, if done within the terms of this Agreement.

12. **Events of Default.** An Event of Default shall mean: (i) failure to make any payment required under this Agreement when due; (ii) the failure to take electric supply when delivered under the terms of this Agreement; (iii) significant downgrading of your credit rating since the effective date of this Agreement, as determined by **SmartEnergy** in its sole discretion; (iv) if you file a petition or otherwise commence, authorize or acquiesce in the commencement of a proceeding or cause of action under any bankruptcy or similar law for the protection of creditors, or have such petition filed against you and such petition is not withdrawn or dismissed for twenty (20) days after such filing; or (v) you are unable to pay your debts as they are due and such inability is not cured within ten (10) days after **SmartEnergy** provides you with written Notice.

a. Remedy for Event of Default. **SmartEnergy** has the right to terminate this Agreement according to Section 13 below if an Event of Default by you occurs.

b. Collection of Past Due Charges. **SmartEnergy** will pass through to you all charges related to the collection of past due charges, including but not limited to, collection agency fees, legal and court fees and account termination fees.

13. **Termination of Service by SmartEnergy.** **SmartEnergy** may terminate electricity supply service to you for an Event of Default (defined in Section 12 above) by you, provided that **SmartEnergy** provides you with at least thirty (30) days' advance written Notice for you to cure the Event of Default before the termination is effective (the "Termination Notice"). If the Event of Default is not cured, the services will be terminated, and you will then receive electricity from your **LDC** or will be given the opportunity to choose a different electricity supplier. **SmartEnergy** may terminate this Agreement, regardless of whether Customer remedies the condition that triggered the termination notice. You will be responsible to pay for electricity consumed prior to termination. In addition, in the event of a change in applicable law or regulation

that prevents or prohibits **SmartEnergy** from performing under the terms of this Agreement, or for any other reason, **SmartEnergy** reserves the right to terminate this Agreement upon thirty (30) days advance, written Notice to you except pursuant to a directive from **BPU** staff. Upon any termination of this Agreement, you will return to receiving standard offer service from your **LDC** unless you have selected another electricity supplier.

14. **Renewable Energy and Renewable Energy Credits.** If you have selected a renewable energy product from **SmartEnergy**, your rate includes an additional charge for the purchasing of Renewable Energy Certificates and the following provision applies: **SmartEnergy** will, either directly and/or through its affiliate(s), retire, on your behalf, non-certified Renewable Energy Credits ("RECs") resulting from electricity generated from renewable energy sources, which may include solar, wind, geothermal, biomass, biogas, or low-impact hydro, in an amount matching either all of your usage for a calendar year or the renewable content amount specified in your plan description. Each REC represents 1,000 kilowatt hours. You will not have electricity from a specific generation facility delivered directly to your meters; but, through this product, you can support generators of renewable energy that provide electricity to the electricity grid. Renewable energy source availability and generation varies hour-to-hour and from season-to-season, as does all customer electricity usage. **SmartEnergy** relies on regional system power from the grid to serve its customers' minute-by-minute consumption. But, through retirement of RECs by **SmartEnergy**, on behalf of customers, **SmartEnergy** will acquire enough RECs to match either all of your usage or the renewable content amount specified in your plan description. **SmartEnergy** may take up to six (6) months after the end of a calendar year to retire RECs needed to fulfill this product. **SmartEnergy** will not be liable to you or any other party for any advertising assertions related to this product including, without limitation, any claim or liability arising from a representation made as to the "green" or "carbon free" nature of the electricity or this product.

15. **Legal Notice.** All legal notice to be given

hereunder ("Notice") will be in writing and delivered as specified in this Agreement to both you and **SmartEnergy**, as applicable, by certified mail or email to you at your service or email address, and to **SmartEnergy** at 7450 Tilghman Street, Suite 100, Allentown, PA 18106-9030, or customer.care@smartenergy.com. Notice will be effective upon either confirmation of receipt by the person to whom it is addressed, or when delivery is confirmed by the carrier, whichever is earlier. Notwithstanding any other provision in this Agreement, unless a law requires otherwise, the material terms of this Agreement can only be changed upon written agreement of both you and us. If we request such a change, **SmartEnergy** will provide you notice of the changed prices and/or terms and conditions and you will have an opportunity to terminate this Agreement without any further obligation by notifying us in writing within 30 days after receiving notice of the new prices and/or terms and conditions, in which case your electric generation service will terminate effective as of the next meter read date after expiration of the required notice period.

16. **Miscellaneous.**

a. **Dispute Resolution.** You agree to contact **SmartEnergy** by phone at 1-800-443-4440 (toll-free) Monday through Friday from 8:00 a.m. to 7:00 p.m. E.T., and Saturday from 9:00 a.m. to 6:00 p.m. E.T., or by mail addressed to **SmartEnergy Holdings, LLC**, 7450 Tilghman Street, Suite 100, Allentown, PA 18106-9030, or by email at customer.care@smartenergy.com regarding any dispute related to this Agreement. You should contact your **LDC** in the event that an electric-related emergency, such as a power outage, exists. If your complaint is not resolved after you have called **SmartEnergy** and/or your **LDC**, residential and business customers may contact the **BPU Division of Customer Assistance** at 1-800-624-0241 (toll-free) from 9:00 a.m. to 4:00 p.m. weekdays.

b. **Emergencies and Customer Service.** In the event of an emergency such as a power failure or downed power line, service interruption or other emergency, contact your **LDC**. If your **LDC** is **Public Service Electric & Gas (PSE&G)**, call 1-800-436-7734. If your **LDC** is **Jersey Central Power & Light**

(**JCP&L**), call 1-800-662-3115. If your **LDC** is **Atlantic City Electric (ACE)**, call 1-800-833-7476. If your **LDC** is **Rockland Electric Company (RECO)**, call 1-877-434-4100. The customer service number for your **LDC** is set forth in the Contract Summary.

c. **Assignment.** You may not assign your rights or obligations under this Agreement without **SmartEnergy's** express written consent. **SmartEnergy** may sell, transfer, pledge, or assign the accounts, revenues, or proceeds due to it under this Agreement, and may also assign its interest in this Agreement to another electric supplier or other entity as permitted by law.

d. **Publicity.** When you provide a testimonial or win a contest, **SmartEnergy** shall be entitled to disclose and publicize your identity as a customer of **SmartEnergy** on its website and in any other marketing material.

e. **Entire Agreement.** This Agreement is the entire agreement between you and **SmartEnergy** and supersedes any prior written or verbal agreements. This Agreement is binding upon you and **SmartEnergy** and each of its respective successors and permitted legal assigns. This Agreement is not intended to benefit any third party.

f. **Representations and Warranties, Limitation of Liability and Arbitration.** The electricity supplied by **SmartEnergy** under this Agreement will be purchased from a variety of sources. SMARTENERGY MAKES NO REPRESENTATIONS OR WARRANTIES OTHER THAN THOSE EXPRESSLY SET FORTH IN THIS AGREEMENT, AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. SMARTENERGY'S LIABILITY UNDER THIS AGREEMENT SHALL BE LIMITED TO DIRECT, ACTUAL DAMAGES ONLY, WHICH WILL NOT EXCEED THE AMOUNT OF YOUR SINGLE LARGEST MONTHLY INVOICE DURING THE PRECEDING TWELVE (12) MONTHS. NEITHER SMARTENERGY NOR ANY OF ITS AFFILIATES OR SUBCONTRACTORS SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE OR OTHER DAMAGES,

REGARDLESS OF WHETHER SUCH DAMAGES ARE BASED ON A CLAIM RELATING TO CONTRACT, TORT, WARRANTY, NEGLIGENCE, STRICT LIABILITY, LOST PROFITS, BREACH, NON-PERFORMANCE OR ANY OTHER BASIS. YOU AND SMARTENERGY WAIVE THE RIGHT TO A JURY TRIAL IN CONNECTION WITH ANY DISPUTE ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT. BOTH SMARTENERGY AND YOU AGREE NOT TO INITIATE OR BECOME A PARTY TO ANY CLASS ACTION SUIT OR PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT.

g. Arbitration. If your complaint or dispute is not resolved through contact with our customer service department, you agree to resolve those disputes through binding arbitration or small claims court instead of in courts of general jurisdiction. Any arbitration under this Agreement will take place on an individual basis; class arbitrations and class actions are not permitted. Please visit www.smartenergy.com/resolvingdisputes for the full terms and conditions that govern your agreement to resolve any disputes arising under this Agreement through binding arbitration or small claims court.

h. Force Majeure. **SmartEnergy** will make commercially reasonable efforts to provide electricity supply but does not guarantee continuous service. **SmartEnergy** is not responsible for power outages or other events outside its control that may prevent **SmartEnergy** from supplying electricity (collectively, "Force Majeure Events"), including without limitation, acts of God or governmental authority, accidents, labor disputes, required maintenance, your LDC's non-performance, including without limitation, an outage, or changes in laws of any governmental authority or any other cause beyond **SmartEnergy's** control. **SmartEnergy** shall not be liable to you for any interruptions caused by a Force Majeure Event.

i. Governing Law. This Agreement shall be construed under and shall be governed by the laws of the State of New Jersey without regard to the application of its conflicts of law principles.

j. Non-Waiver; Severability. The failure by one party to require performance of any provision shall not

affect that party's right to require performance at any time thereafter, nor shall a waiver of any subsequent breach or default of this Agreement constitute a waiver of any subsequent breach or default or a waiver of the provision itself. If any provision of this Agreement is held unenforceable, then such provision will be modified to reflect the parties' intention. All remaining provisions of this Agreement shall remain in full force and effect

k. Amendments. **SmartEnergy** may change, modify or amend this Agreement at any time (each a "Change"). Each Change will be made by **SmartEnergy** in the manner required by applicable law. Each Change will be posted on **SmartEnergy's** website (www.smartenergy.com), and you will receive individual notice of the Change if required by applicable law. You should review the website periodically for applicable Changes. Your continued use of **SmartEnergy's** products and services following a Change constitutes your acceptance of this Agreement as so Changed.

17. **Electric Emergencies and Power Quality.** The LDC will continue to operate the electric transmission lines and to maintain responsibility for power outages and for power quality. You will hold **SmartEnergy** harmless in the event of a loss of power caused by any entity other than **SmartEnergy**. If you have an electrical emergency, power outage or reduction in power quality, you should contact your LDC at its telephone number for emergencies.

18. **Environmental Disclosure Label.** An Environmental Disclosure Label specifying the approximate generation resource mix and environmental characteristics of the power supply being offered under this Agreement can be found on the **SmartEnergy** website at www.smartenergy.com. **SmartEnergy** will provide a printed copy of the environmental disclosure information upon request and periodically to the extent required by applicable law.

Environmental Information Disclosure (EID) for the Electricity Product of SmartEnergy Holdings, LLC

Electricity Supplied from June 1, 2021 to May 31, 2022

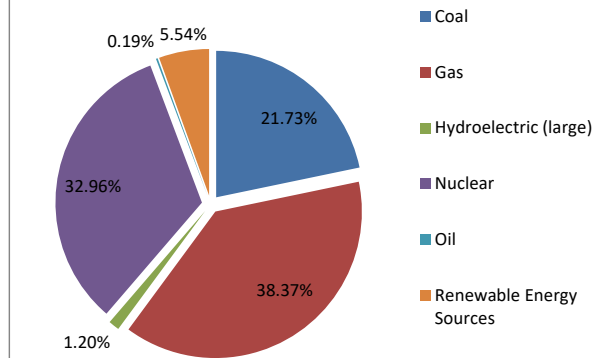
- Below is the default EID Label describing the resources used to generate electricity for customers of SmartEnergy Holdings, LLC
- The PJM System Mix data provided in the standard format below is to be used as the default EID Label when a TPS or EDC has not made an affirmative claim about the environmental characteristics of their product.
- A Third Party Supplier or EDC may substitute product specific information if it makes an affirmative claim that the electricity mix used in its product exceeds the standard default mix including the State mandates for Renewable Portfolio Standard compliance.
- If a TPS or EDC uses actual product specific data to substantiate an environmental claim, the EID label must include the TPS or BGS Providers emissions data in lb/MWh for comparison with PJM benchmark as described below.
- If a TPS or EDC uses actual product specific data to substantiate an environmental claim, the EID label must also include a graphical representation of the TPS or BGS Provider's emissions data as a percentage of PJM benchmark as shown below.
- If a TPS or EDC uses substitute data to substantiate an environmental claim based upon the retirement of RECs beyond that required by NJ law or actually procured renewable electricity, the EID label with sufficient documentation to determine generation sources and emissions must be submitted to the NJ BPU Division of Clean Energy for verification.
- Products which utilize RECs from renewable electricity sources not delivering power into PJM cannot claim NO_x or SO₂ reductions in PJM from their products.

PJM System Mix

Energy Source

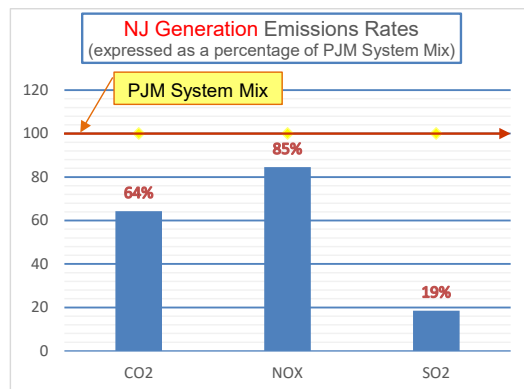
| | |
|-----------------------------------|---------|
| Coal | 21.73% |
| Gas | 38.37% |
| Hydroelectric (large) | 1.20% |
| Nuclear | 32.96% |
| Oil | 0.19% |
| Renewable Energy Sources | |
| Captured methane gas | 0.24% |
| Fuel cells | 0.00% |
| Geothermal | 0.01% |
| Hydroelectric(small) | 0.00% |
| Solar | 1.00% |
| Solid waste | 0.49% |
| Wind | 3.62% |
| Wood or other biomass | 0.19% |
| Total: | 100.00% |
| Renewable Energy Sources Subtotal | 5.54% |

Energy Source



Air Emissions Rates

Pursuant to N.J.A.C. 14:8-3:1(b)2, air emission rates for CO₂, NO_x, and SO₂ associated with the fuel mix must be reported in units of pound per megawatt-hour (lb/MWh). The Benchmark Energy Source and emission rate data is the PJM System Mix for EY 2022 and represent the average amount of air pollution associated with the generation of electricity in the PJM region. The PJM System Mix average emission rate for all electricity generation in the PJM Region can be used for comparison when a NJ TPS or BGS Provider supplies actual emission data for a product making an affirmative environmental claim that exceeds the NJ Renewable Portfolio Standards. CO₂ is a "greenhouse gas" which may contribute to global climate change. NO_x and SO₂ react to form acids found in acid rain. NO_x also reacts to form ground level ozone, an unhealthy component of "smog." For illustrative purposes, the chart below compares a hypothetical electricity product that contained 100% NJ generation sources to the PJM System Mix.



| Data Source | CO ₂ (lb/MWh) | NO _x (lb/MWh) | SO ₂ (lb/MWh) |
|----------------|--------------------------|--------------------------|--------------------------|
| PJM System Mix | 835.75 | 0.37 | 0.49 |
| NJ Benchmark | 537.60 | 0.31 | 0.09 |

| | CO ₂ | NO _x | SO ₂ |
|--------------------|-----------------|-----------------|-----------------|
| PJM System Mix (%) | 100 | 100 | 100 |
| NJ Generation (%) | 64 | 85 | 19 |