

**New Jersey's Clean Energy Program  
FY18 Program Descriptions and Budgets**

**OFFICE OF CLEAN ENERGY**

**Energy Efficiency Programs,  
Renewable Energy Programs, and  
NJCEP Administration Activities**

*Including Programs Managed by:*

**New Jersey Economic Development Authority  
and  
Sustainable Jersey**

**FY18 Compliance Filing**

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## **I. Introduction**

This document describes the programs and services provided by the New Jersey (NJ) Board of Public Utilities' (BPU's or the Board's) Office of Clean Energy (OCE), the New Jersey Economic Development Authority (EDA), and the Sustainable Jersey program in support of New Jersey's Clean Energy Program (NJCEP) in fiscal year 2018 (FY18).

## **II. OCE Energy Efficiency Programs**

### **A. State Facility Initiatives**

The State Facilities Initiative identifies and implements energy efficiency projects in State-owned facilities or State-sponsored projects with the objective of producing energy and cost savings. The Energy Capital Committee, consisting of members from Treasury and the BPU's State Energy Office (SEO), coordinates and recommends approval of these projects based on evaluation of capital costs and anticipated energy savings. The list of planned projects includes those identified through energy audits completed, in progress, or proposed for various State facilities, as well as projects requested by State agencies in support of policy goals identified in the Energy Master Plan. Treasury's Division of Property Management and Construction (DPMC), Energy Initiatives Group, along with the SEO, will coordinate the design, construction, or renovation of State facilities in support of this initiative.

Pursuant to a February 24, 2017 Memorandum of Understanding between the BPU and the New Jersey Division of Property Management and Construction, any balance of the FY17 funds for the State Facility initiatives is committed to the Richard J. Hughes Justice Complex project, the Department of Environmental Protection Building project. The FY18 budget includes additional funding for State-sponsored projects within Trenton, and other projects to be identified and prioritized through the review of FY18 budget requests from State agencies. Projects will include continuation of the Richard J. Hughes Justice Complex project, the Department of Environmental Protection Building project as well as other:(a) improvements, upgrades, and replacements of air handling and movement systems, (b) lighting and equipment upgrades and replacements, (c) boiler, chiller and Heating, Ventilation and Air Conditioning (HVAC) replacements, (d) lighting and building controls, and (e) renewable energy systems, all at State facilities.

On May 30, 2017, Governor Christie announced a revitalization program for the City of Trenton that calls for improved street lighting in the city. The initiative requires the BPU to fund and coordinate an audit of the existing street lights in Trenton and to present the findings and recommendations in a final report to the City of Trenton and the BPU. Audit findings will include, in part, recommendations to increase energy savings and lower related costs. Improved street lighting will also protect and enhance the safety of residents, visitors, and workers traveling to and through the city.

The SEO will measure and report the energy savings generated by this initiative annually to inform future funding decisions. The main goal of this Initiative is to optimize energy efficiency in State-owned facilities, thereby enabling the State to participate in the cost savings and related benefits of NJCEP.

### III. OCE Distributed Energy Resources Programs

#### A. Microgrid Development

##### 1. *Program Description*

Based on a review of the consequences on New Jersey’s energy systems from several recent extreme weather events, the 2015 Energy Master Plan Update (EMP Update)<sup>1</sup> established a new overarching goal: “Improve Energy Infrastructure Resiliency & Emergency Preparedness and Response.” One of the EMP Update’s new Plan for Action’s policy recommendations was: “Increase the use of microgrid technologies and applications for DER [Distributed Energy Resources] to improve the grid’s resiliency and reliability in the event of a major storm.”

Because of the impacts of these weather events, the State of New Jersey has entered into two Memoranda of Understanding (MOU) with the U.S. Department of Energy (USDOE) to evaluate the potential to develop DER microgrids on two key projects: (1) a microgrid within the northeast portion of the NJ Transit system (NJT Grid) and (2) a microgrid within the PSE&G service area in the City of Hoboken. To test the feasibility of these two projects, the USDOE provided funding for both NJT Grid and the Hoboken microgrid to evaluate the improved resiliency in these proposed systems when the grid is down. In addition, BPU worked with the New Jersey Institute of Technology (NJIT) to map potential Town Center DER<sup>2</sup> microgrids. The resulting report (NJIT Report) mapped 24 potential Town Center DER microgrids across the 17 municipalities in the 9 Sandy-designated counties.

A review of the above studies and others has identified a key barrier to advancing the EMP Update’s new goal for Town Center DER microgrids. This barrier is the lack of an initial feasibility evaluation of the technical, regulatory, and financial components of any proposed Town Center DER microgrid. This is because of the high cost to develop this information without an initial understanding of the potential for success of any Town Center DER microgrid projects.<sup>3</sup> The initial evaluation needs to include a detailed cost/benefit analysis of the impacts as well as physical implications of the project on its owner/manager, the distribution system, and the system’s customers. To address this key barrier, the BPU, as part of its FY18 budget, is implementing a Town Center DER Microgrid – Feasibility Incentive Program.

##### 2. *Target Market and Eligibility*

This new program will focus initially on Town Center DER microgrids that include critical facilities at the local level identified in the NJIT Report or similar Town Centers within the 9

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<sup>1</sup> [http://nj.gov/emp/docs/pdf/New\\_Jersey\\_Energy\\_Master\\_Plan\\_Update.pdf](http://nj.gov/emp/docs/pdf/New_Jersey_Energy_Master_Plan_Update.pdf)

<sup>2</sup> A Town Center DER microgrid would have a cluster of critical facilities within the municipality that could include multifamily buildings, hospitals, and local and state government critical operations in a small radius and connected to a series of DER technologies that can operate isolated and islanded from the main grid when power is down on the main grid.

<sup>3</sup> States such as New York, Connecticut and California have previously identified this same initial barrier.

Sandy designated counties that can document they satisfy the screening criteria set in the NJIT Report as follows:

The NJIT Town Center screening criteria were based on a cluster of critical facilities that included the following ranking:

1. Criticality based on the FEMA Category Classification of Facilities; and
2. Total electric and thermal loads based on Btu's per square foot.

A Town Center should have at least two Category III or IV facilities within 0.5 miles and a facility with an energy usage of approximately 90 M Btus per square foot.

The universe of program applicants is limited to local government entities or state agencies that own or manage critical facilities. For this program, critical facilities are any (a) public facility, including any federal, state, county, or municipal facility, (b) non-profit and/or private facility, including any hospital, police station, fire station, water/wastewater treatment facility, school, multifamily building, or similar facility that (A) is determined to be either Tier 1 or critical infrastructure by the Office of Emergency Management or the Office of Homeland Security and Preparedness or (B) could serve as a shelter during a power outage.<sup>4</sup> The program will be managed by BPU through a Memorandum of Understanding (MOU) process that includes all the Town Center DER partners, including the applicable Electric Distribution Company (EDC). The program will be managed in two phases: Phase 1 will be limited to an initial feasibility evaluation of the Town Center DER Microgrid, and Phase 2 will consist of detailed engineering design. An applicant for Phase 2 must have had a Phase 1 evaluation study approved by BPU to be eligible for Phase 2. The program is not open to single-building or campus-setting microgrids that are eligible for other NJCEP incentives. Initially, the program will be available to fund only Phase 1 initial feasibility studies.

The applicants to the Town Center DER Microgrid Program were required to submit a pre-application that included descriptions of, among other things, the project in general, the technology to be developed with the microgrid, and costs and benefits of the project.

### *3. Incentives*

Phase 1 funding is capped at a maximum of \$200,000. The Notice to Proceed will require an MOU between all the Town Center DER Microgrid partners and the BPU.

All payment for the Phase 1 Feasibility Incentive will be made after the completion and acceptance of the final report. A Phase 1 approval is no guarantee of a Phase 2 incentive nor is it the BPU approval of the DER Town Center Microgrid.

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<sup>4</sup> A shelter must have the ability to provide food, sleeping arrangements, and other amenities to its residents and the community.

#### *4. Status and Next Steps*

The BPU accepted Phase 1 applications through March 27, 2017, by which date it had received 13 applications, which is more than the originally anticipated 5 to 10 applications and in a total amount that would deplete the amount budgeted for this Phase. BPU will review and rank the 13 applications received and then make appropriate awards.

### **IV. OCE Renewable Energy Programs**

#### **A. Offshore Wind Program**

The FY18 Budget for Offshore Wind would support the evaluation of OSW Renewable Energy Certificate (OREC) applications as well as offshore wind modeling development conducted by Rutgers University. In 2011, the Board reallocated funds to the Offshore Wind (OSW) budget to pay costs associated with a contractor engaged by the Board to assist with the review of OSW applications. It should be noted that, pursuant to the Board's OSW regulations, the fees for these services are paid by the OSW applicants themselves and that therefore any NJCEP funds spent for this purpose will be reimbursed by the OSW application fees.

The New Jersey Department of the Treasury, Division of Purchase and Property, Procurement Bureau (Treasury) is evaluating bids on behalf of the Board for a consulting firm to provide general consulting services related to OSW, as well as expertise on OSW economic analysis to assist the BPU in evaluating OREC applications. The expertise sought will assist the BPU in reviewing and evaluating OSW project proposals, consistent with the Offshore Wind Economic Development Act (statute amending P.L. 2007, c.340 and P.L. 1999, c.23) and regulations, including, among other things, the technical feasibility of proposals, the energy producing capacity underlying the project, and the cost/benefit analysis of the project, job creation, project financing and public subsidy requested.

### **V. EDA**

EDA will manage existing commitments under three programs in FY18 as follows: 1) Edison Innovation Clean Energy Manufacturing Fund (CEMF); 2) Edison Innovation Green Growth Fund (GGF); and 3) Large Scale Combined Heat and Power (LSCHP).

No new applications will be accepted and no new grants or incentives will be awarded during FY18. Instead, EDA will manage the existing portfolio of loans and grants previously awarded through the programs. Ongoing work may include, but is not limited to, paying incentives previously awarded, monitoring compliance with the funding agreements, and collection of loan repayments. Detailed descriptions of CEMF and GGF are included in **Attachment C** hereto; detailed discussions and the budget regarding LSCHP are included in AEG's compliance filing.

### **VI. NJCEP Administration, Evaluation/Analysis, and Other Items**

The NJCEP Planning and Administration Budget includes the components described below.

The following provides a description of the activities covered by each component.

## A. BPU Program Administration

The OCE is charged by the Board with the responsibility for administering NJCEP. As the administrator of NJCEP, the OCE is responsible for various program-related matters including:

1. Developing recommendations to the Board regarding programs to be funded, budgets for those programs and various matters related to the administration and implementation of the programs.
2. Drafting Board Orders memorializing Board decisions and tracking compliance with such Orders.
3. Administering the Clean Energy Fund trust (“CEF”) to support all program activity, including:
  - a. Ensuring compliance with State policy and procedures regarding all payments to and from the CEF for program-related activities;
  - b. Coordinating with Treasury with regard to financial management and reporting of NJCEP and reconciliation of the CEF with the rest of the State financial system.
4. Coordinating the activities of the Energy Efficiency (EE) and Renewable Energy (RE) Committees, including soliciting input regarding programs, budgets and program administrative matters.
5. Overseeing the activities of the Program Administrator, as well as the utilities, EDA, and OCE itself with regard to renewable energy, education and outreach efforts, and other issues.
6. Developing reporting guidelines and providing the Board with regular updates regarding program activities.
7. Developing protocols for measuring energy savings and renewable energy generation.
8. Overseeing evaluation and related research activities.
9. Developing program goals, performance indicators and minimum requirements for program management.
10. Monitoring program activity, reviewing evaluation results, and recommending modifications to programs and budgets as required.
11. Developing requests for proposals to engage program administrators and/or managers, evaluation contractors and other contractors that assist with the administration of the programs, evaluating proposals received, and selecting contractors.
12. Facilitating resolution of issues related to program management and customer complaints.
13. Managing CRA proceedings to set funding levels.
14. Managing requests for proposals (RFPs) for program services and related program transition activities.

The Program Administration component of the budget is primarily for OCE Staff salaries and payments to Treasury related to the provision of the services described above.

## B. Program Evaluation / Analysis

Evaluation and related research provides insights and analysis of clean energy markets and programs. The BPU is the lead implementing agency for the development and implementation of the New Jersey Energy Master Plan (EMP). As such, the BPU is required to track and report on progress in meeting the EMP goals, as well as to evaluate current and proposed NJCEP programs in terms of their rate impact and the cost-benefit delivered. The BPU is also required to evaluate market potential for current and emerging clean energy technologies including CHP, fuel cells, and storage technologies.

Rutgers University's Center for Energy, Economic and Environmental Policy (CEEPP) has been engaged by the Office of Clean Energy (OCE) to manage program evaluation and related research activities and to perform cost-benefit analyses, either directly or through subcontracts with third parties, through mid-FY18. Prior to the expiration of the CEEP engagement, BPU would release a Request for Information from all NJ State Universities and Colleges to assess how best to procure evaluation and research services. Based on the responses to the RFI, BPU would engage one or more NJ State Universities and Colleges to implement the evaluation and research activities described above (Evaluation Contractor). The chosen Evaluation Contractor would (i) develop evaluation and related research plans, (ii) solicit input on the plans from the OCE, the Energy Efficiency (EE) and Renewable Energy (RE) Committees, program administrators and managers and others, and (iii) implement the plans that are finally approved by OCE.

Once evaluation plans are approved, the Evaluation Contractor would either perform the evaluation and research activities or would develop the technical components of RFPs to engage outside contractors to perform the evaluations. RFPs would be issued by either Treasury or the Evaluation Contractor, and the Evaluation Contractor would work with Treasury regarding the review of proposals and would manage the day-to-day activities of contractors hired to perform evaluations. The Evaluation Contractor would coordinate with the OCE and the EE and RE Committees to track implementation of the recommendations that result from the evaluations and related research. The Program Administrator and market managers are responsible for implementing the recommendations that the BPU directs it to implement. The Evaluation Contractor's budget would also include funding to track progress towards the EE and RE goals set out in the EMP as well as funds to conduct OSW evaluation studies.

During FY18, the Evaluation and Related Research budget component consists of the following subcomponents:

### 1. *Program Evaluation Contractors*

This portion would fund the above-described contract to provide overall program evaluation management services and cost benefit analyses using the services of the Evaluation Contractor. It would also fund a baseline evaluation of the EE programs commenced in FY17 with results

anticipated in early FY18. In addition, Staff expects to engage in the following evaluation study activities during FY18:

- a) The release of an RFP for a baseline study of the residential and commercial and industrial (C&I)<sup>5</sup> markets.
- b) A third-party evaluation of NJCEP Protocols will be completed in FY18 consistent with the recommendations of the most recent NJCEP Review and Benchmarking study and NJCEP Process Evaluation Study.
- c) An evaluation of the New Jersey Renewable Portfolio Standard (RPS), including a retrospective cost-benefit analysis of the RPS and an evaluation of whether New Jersey is maximizing the economic and environmental benefits it can receive from the RPS.

For more details, see the table below:

Fiscal Year	Evaluation Study Name <sup>6</sup>	To be conducted by
<b>FY 2018</b> <i>(1 July 2017 to 30 June 2018)</i>	1. Impact Evaluation Studies <ul style="list-style-type: none"> <li>a. Residential Programs:               <ul style="list-style-type: none"> <li>i. Energy Efficient Products Program</li> <li>ii. Existing Homes Program (Home Performance with ENERGY STAR®)</li> </ul> </li> <li>b. Commercial &amp; Industrial Programs:               <ul style="list-style-type: none"> <li>i. Direct Install</li> <li>ii. Retrofit</li> <li>iii. Pay for Performance</li> </ul> </li> </ul>	3 <sup>rd</sup> Party Contractors via Treasury
	2. C&I and Residential Baseline Study	3 <sup>rd</sup> Party Contractors via Treasury
	3. Protocols Evaluation	3 <sup>rd</sup> Party Contractors via Rutgers (in process)
	4. Strategic Planning Proceeding (program planning, goal setting, and budgeting for FY18 through FY20)	TRC/BPU
	5. Cost-Benefit Analysis (Retrospective & Prospective)	Evaluation Contractor
	6. Evaluation & Research Plan Update	Evaluation Contractor

<sup>5</sup> The RFP for the C&I baseline study is expected to be released in FY17, with the contract expected to be awarded in FY18.

<sup>6</sup> The timeline for completing the evaluations may vary. Evaluations started in FY18 may or may not be completed in that same fiscal year.

Fiscal Year	Evaluation Study Name <sup>6</sup>	To be conducted by
	7. Protocols Update	TRC/Rutgers CEEEP
	8. RPS Evaluation Study – Phase II	Evaluation Contractor / 3 <sup>rd</sup> Party Contractors
	9. Analytics for Energy Policies	Rutgers LESS
	10. OSW Modeling Studies	Rutgers Department of Marine and Coastal Sciences

Additional details regarding expected evaluation activities can be found in an Evaluation Plan prepared by CEEEP and the Evaluation Work Group, which Plan is posted on NJCEP web site.

*2. CEEEP*

This portion would fund the remainder of CEEEP’s above-described contract.

*3. Rutgers LESS*

The Rutgers Laboratory for Energy Smart Systems (LESS) brings together many years of industry and academic experience in the energy field. LESS draws expertise from a score of multi-disciplinary programs at Rutgers and industry partners.

The objective of this project is to identify analytical methodologies that will be used to support and evaluate energy policy decisions affecting customers in the State of New Jersey. In particular, this framework will be geared towards behind-the-meter DER<sup>7</sup> investments that increase energy resiliency and sustainability and promote energy efficiency.

The project will include the analysis of up to five case studies which reflect New Jersey Board of Public Utility policy approaches to incentivize DER adoption and supporting scenarios. Case studies will be defined by the BPU in conjunction with the LESS team and may range from (a) the evaluation of policies to redesign of existing distributed generation programs in a given region of the state to (b) the support of DER to increase resiliency in regions (e.g., coastal) that are highly vulnerable to extreme weather conditions to (c) the support of tri-generation technologies for waste-water and other critical infrastructures. The analytical framework will be designed to assist State authorities in evaluating incentive programs design and proposed policies with respect to location, customer type, technology type, and incentive structure. Depending on what the target is for a specific incentive policy, impacts on and values to different stakeholders should be accounted for in its design and/or evaluation. Furthermore, such analytics can later be deployed to support program evaluation studies by instituting consistent economics analysis throughout the system.

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<sup>7</sup> “DER” as used in this section includes distributed energy generation (both fossil fuel and renewable), energy storage (thermal and battery) and demand side management technologies and strategies (demand response, price responsive demand, and energy efficiency).

a. NJ Energy Data Center

The New Jersey Energy Data Center (NJ EDC) is funded by the BPU and is a data collection and processing tool for New Jersey policy makers, businesses, educators, and citizens. The website provides objective data, forecasts, and analyses to help inform energy-related policy decisions in the Garden State. The data provided helps to promote public understanding regarding energy and its interaction with the economy and the environment. The NJ EDC provides a platform by which to track the State's progress in implementing the NJ Energy Master Plan. In FY18 the NJ EDC will be used to communicate progress in meeting the EMP goals as well as a tool to understand market growth and NJCEP Program evolution. <http://pppolicy.rutgers.edu/ceeep/edc/>

C. Outreach and Education

1. *Sustainable Jersey*

The BPU's Sustainable Jersey contract supports NJCEP's goals through three project areas: (1) ongoing operations associated with the municipal and schools certification program, including active integration and alignment with NJCEP for the energy elements of the program; (2) delivery of educational programs, outreach, and hands-on support for the local government sector to pursue clean energy initiatives, especially regarding effective use of NJCEP; (3) strategic program growth, including research and ongoing development of the Sustainable Jersey energy programs for both municipalities and schools.

a. Operations and Program Coordination

Sustainable Jersey's certification program provides an organizing framework and support resources and services that help municipalities and school districts achieve their sustainability goals. Sustainable Jersey has created a built-in audience and implementation structure in municipalities and schools that is receptive to NJCEP's messaging. Integrating NJCEP's policy goals and programs into the Sustainable Jersey structure provides a cost effective conduit for NJCEP to reach New Jersey municipalities and schools. To that end, a portion of Sustainable Jersey's annual NJCEP funding supports core Sustainable Jersey operations, and coordination and integration of NJCEP with Sustainable Jersey initiatives.

b. Outreach and Education (Municipal and Schools)

Sustainable Jersey's established marketing, communications, and event delivery infrastructure provides for ongoing contact with municipal and school/district staff, Green Team members, and other interested parties. An entire portfolio of outreach vehicles are included in the program, including various speaking engagements, topically focused events and workshops, webinars, a routine email blast to the Sustainable Jersey network, social media, and a quarterly newsletter. Information on NJCEP is integrated throughout this communication process and the website. This includes promotion of all training and outreach events that include energy related topics, as well as posting presentation materials on the website for easy download. The website also

includes a grants portal that compiles a list of funding resources that can be easily searched by users. The compilation includes the current components of NJCEP and other energy related incentives and grants from federal, state, and other funding sources.

### c. Strategic Program Growth

In coordination with BPU and other program sponsors, Sustainable Jersey actions are developed through an ongoing process of discussion and research that includes participation by local officials along with subject matter experts from state agencies, colleges and universities, non-profit organizations, and business leaders on topic specific task forces. This work area includes ongoing management and support of the standing Energy Task Force, targeted research on subjects that either enhance the current program or explore new program elements, including development of the “next generation” Sustainable Jersey Gold program.

Strategic research and program development related projects will be coordinated with BPU and could include developing a performance-based Action for energy conservation based on behavioral modifications in schools, learning from the Power Save Schools Program pilot, and studying how schools (as distinct from other levels of local government) interact with NJCEP to better align NJCEP and Sustainable Jersey programming.

#### 2. *NJIT Clean Energy Learning Center*

The NJIT Center for Building Knowledge (CBK) is developing, launching and maintaining – over the course of three years - the New Jersey Clean Energy Learning Center (the Learning Center) to provide high quality education and training on select aspects of NJCEP. During FY16 (Year 1), the Learning Center created and launched the Learning Center training site. CBK developed and deployed 13 online tutorials, 1 in-field demonstration video, and 6 comprehensive online courses on a variety of topics identified by the Advisory Group assembled for the project.

In Year 2 (FY17), The Learning Center continued to maintain and expand the site and to create new online training offerings. Due to a delay in contract execution Year 2 did not commence until February 2017 and will end June 2017. Although Year 2 trainings are still evolving and will change over the course of Year 2, below is a preliminary list of training topics currently being discussed:

- LGEA: Understanding Utility Bills
- Customer-Tailored Pilot Program
- Smart Start: Introduction and Overview
- Smart Start vs P4P: Which is Best for My Project?

In Year 3 (FY18), The Learning Center will continue to provide educational offerings across the full range of stakeholder groups engaged with NJCEP. CKB will offer training on any new programs or pilots that are initiated in FY18: updates on existing programs (e.g., Residential, C&I, CHP etc.), as well as Special trainings on building science topics that program participants need to understand to participate more effectively in specific programs and on interpreting specific aspects of the new IECC 2015 code and ASHRAE 90.12013 as they apply to individual CEP programs. CBK along with NJCEP Program Managers will host a one-day educational

conference in that will focus on the latest trends in energy efficiency and how they impact stakeholders across the state, tentatively titled the “New Jersey Clean Energy Education Conference.”

### *3. Clean Energy Business Website / NJCERN*

Over the past three years funding was granted to Rutgers EcoComplex to develop the New Jersey Clean Energy Resource Network, an online database that provided clean energy businesses with a centralized location for information including financial incentives and opportunism; business assistance; policies; training and permitting information. The New Jersey Clean Energy Resource Network Searchable Database (NJCERN) was a web-based guide for energy businesses that clearly identified the advantages of doing business in New Jersey ([njcern.rutgers.edu](http://njcern.rutgers.edu)). The ultimate goal of NJCERN was to attract and retain RE firms, create green jobs, and foster an environment of innovation among NJ based energy businesses and state universities. Due to budget cuts and OCE’s intent to fund the redesign of the NJCEP website, this project will not receive new funding for FY18.

Although, OCE will no longer fund the New Jersey Clean Energy Resource Network, Rutgers EcoComplex will be granted a no-cost extension and a revised scope of work for the remaining FY17 funds. The new scope of work will allow Rutgers EcoComplex to sponsor a conference or event that supports NJCEP outreach efforts. The event will likely focus on connecting investors with project developers and customers.

### D. Sponsorships

This component of the budget includes funding for sponsoring the National Association of State Energy Offices (NASEO), which coordinates efforts amongst state energy offices.

**Attachment A:  
FY18 Program Budgets**

The following tables set out a detailed FY18 budget for the programs managed by the OCE:

<b>OCE Detailed FY18 Budget - EE</b>						
	<b>Total</b>	<b>Administration and Program Development</b>	<b>Sales, Call Centers, Marketing and Website</b>	<b>Training</b>	<b>Rebates, Grants, and Other Direct Incentives</b>	<b>Rebate Processing, Inspections, and Other Quality Control</b>
<b>EE Programs</b>						
<i>State Facilities Initiative</i>	\$7,600,000.00				\$7,600,000.00	

<b>OCE Detailed FY18 Budget - DER</b>						
	<b>Total</b>	<b>Administration and Program Development</b>	<b>Sales, Call Centers, Marketing and Website</b>	<b>Training</b>	<b>Rebates, Grants, and Other Direct Incentives</b>	<b>Rebate Processing, Inspections, and Other Quality Control</b>
<b>Distributed Energy Resources</b>						
<i>Microgrids</i>	\$2,052,480.00				\$2,052,480.00	

<b>OCE Detailed FY18 Budget - RE</b>							
	<b>Total</b>	<b>Administration and Program Development</b>	<b>Sales, Call Centers, Marketing and Website</b>	<b>Training</b>	<b>Rebates, Grants, and Other Direct Incentives</b>	<b>Rebate Processing, Inspections, and Other Quality Control</b>	<b>Evaluation and Related Research</b>
<b>RE Programs</b>							
<i>Offshore Wind</i>	\$100,000.00						\$100,000.00

<b>OCE Detailed FY18 NJCEP Budget - EDA</b>						
<b>EDA Programs</b>	<b>Total</b>	<b>Administration and Program Development</b>	<b>Sales, Call Centers, Marketing and Website</b>	<b>Training</b>	<b>Rebates, Grants, and Other Direct Incentives</b>	<b>Rebate Processing, Inspections, and Other Quality Control</b>
<i>CEMF</i>	\$1,068,625.36	\$57,625.36			\$1,011,000.00	
<i>GGF</i>	\$2,026,540.98	\$26,540.98			\$2,000,000.00	
<i>LSCHP Solicitation</i>	\$2,424,000.00	\$24,000.00			\$2,400,000.00	
<b>TOTAL EDA Programs</b>	<b>\$5,519,166.34</b>	<b>\$108,166.34</b>		<b>\$0.00</b>	<b>\$5,411,000.00</b>	<b>\$0.00</b>

OCE Detailed FY18 Budget - Planning and Administration							
	Total	Administration and Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research
<b>Planning and Administration</b>							
<i>BPU Program Administration</i>	\$2,400,000.00	\$2,400,000.00					
<b>Sub-Total: BPU Plan Administration</b>	<b>\$2,400,000.00</b>	<b>\$2,400,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Program Evaluation/Analysis</b>							
<i>Program Evaluation</i>	\$1,000,000.00						\$1,000,000.00
<i>CEEEP</i>	\$804,027.77						\$804,027.77
<i>Rutgers LESS</i>	\$238,894.04						\$238,894.04
<b>Sub-Total: Program Evaluation/Analysis</b>	<b>\$2,042,921.81</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,042,921.81</b>
<b>Outreach and Education</b>							
<i>Sustainable Jersey</i>	\$675,225.00				\$675,225.00		
<i>NJIT Learning Center</i>	\$364,288.00				\$364,288.00		
<i>NJCERN</i>	\$38,044.00				\$38,044.00		
<b>Sub-Total: Outreach and Education</b>	<b>\$1,077,557.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,077,557.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Sponsorships</b>							
<i>Sponsorships</i>	\$10,000.00				\$10,000.00		
<b>Sub-Total: Memberships-Dues</b>	<b>\$10,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$10,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL: NJCEP Administration</b>	<b>\$5,530,478.81</b>	<b>\$2,400,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,087,557.00</b>	<b>\$0.00</b>	<b>\$2,042,921.81</b>

**Attachment B: EDA Programs**  
**New Jersey Economic Development Authority**  
**Clean Energy Programs**

The New Jersey Economic Development Authority (EDA) will be administering grants and loans previously approved as part of three Clean Energy programs:

1. The Edison Innovation Clean Energy Manufacturing Fund (CEMF).
2. The Edison Innovation Green Growth Fund (EIGGF).
3. The Large Scale Combined Heat and Power /Fuel Cells (LSCHP) program.

No new applications will be accepted during FY18 for any of these programs. The first two programs are described below; the last is described in TRC's compliance filing.

The CEMF program provides assistance in the form of low-interest loans and non-recoverable grants to companies manufacturing renewable energy, clean and energy-efficiency products in New Jersey. The CEMF will ultimately provide New Jersey consumers with greater access to these products by developing manufacturing facilities in New Jersey.

The EIGGF program offers assistance in the form of loans to clean technology companies that have achieved 'proof of concept' and have achieved successful, independent beta results and are seeking funding to grow and support their technology business. The EIGGF will ultimately provide New Jersey consumers with greater access to these products by developing emerging technologies in New Jersey.

More details regarding the CEMF and EIGGF programs are set forth in previous compliance filings.