

Updated --- March 1 2016

The following draft Sample Full Application is being made available to potential applicants to provide visibility into the application process. This Sample is subject to change.

Note:

All ERB projects must comply with all applicable federal and state requirements relating to CDBG-DR funds.

A location is provided to upload attachments near the end of the application.

Note that yellow highlighted sections means that these are already filled in at Intake and the data will be pre-filled.

Please be sure to check that all prefilled information from the intake submission is correct.

Please be sure to hit "Save" and then "Next"

A. PROJECT NAME AND CONTACT INFORMATION

PROJECT NAME

Project

Name _____

(Assigned by the Applicant to be used for reference purposes.)

APPLICANT INFORMATION

Applicant Organization Name _____

(Official, legal name without abbreviations.)

Address _____

City _____ State _____ Zip Code _____

Federal Tax I.D. Number _____

New Jersey Tax Identification Number _____

DUNS Number _____

All applicants, including governmental entities, must have a DUNS number to be eligible for federal assistance. Please call Dunn and Bradstreet at 1-866-705-5711, or visit <http://www.dnb.com/get-a-duns-number.html> to see if you already have a DUNS number, or learn how to obtain one.

Organization Type - check the Organization Type below which best describes the Applicant.

- Municipality
- County
- Municipal Authority
- County Authority
- Non-profit
- For-Profit
- Other (please describe):

North American Industrial Classification System (NAICS) Code _____

To find this number, look to the federal determination provided when the Applicant was formed, or visit the following link to determine based upon current business functions, <http://www.census.gov/eos/www/naics/>.

APPLICATION CONTACT

Primary Contact for Application

Name _____

Title _____

Company Name _____

Daytime Phone Number _____ Email _____

Address _____

City _____ State _____ Zip Code _____

AUTHORIZED REPRESENTATIVE FOR APPLICANT

(Person authorized to enter into agreements on behalf of the Applicant. This person must be the Applicant signatory of certifications for this application.)

Do you, the Authorized Representative, or any staff working on this application or project require translation of documents or other communication in another language?

Yes No

Name _____

Title _____

Phone _____

Email _____

INSTALLATION INFORMATION

Installation Address

Address _____

City _____ County _____ State _____ Zip Code _____

Mailing Address (if different from installation address)

Address _____

City _____ County _____ State _____ Zip Code _____

Provide Block and Lot Number of facility where the system will be constructed.

Block _____ Lot Number _____

PROFESSIONALS

Have you spoken to or met with a member of the business development staff of the ERB?

Yes No

The applicant is strongly encouraged to meet with a member of the business development staff of the ERB prior to submitting an Intake Form. Please call the Customer Care Line at 866-534-7789.

Do you have a Design Professional under contract? Yes No

Name _____

Title _____

Company Name _____

Daytime Phone Number _____ Email _____

Address _____

City _____ State _____ Zip Code _____

ENERGY OR OTHER CONSULTANT CONTACT

Name _____

Title _____

Company Name _____

Daytime Phone Number _____ Email _____

Address _____

City _____ State _____ Zip Code _____

LEGAL COUNSEL CONTACT

Name _____

Title _____

Company Name _____

Daytime Phone Number _____ Email _____

Address _____

City _____ State _____ Zip Code _____

B. PRE-APPLICATION ACTIVITY

Has a Local Government Energy Audit (LGEA), American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Level II audit or similar audit been conducted by a DPMC classified energy audit professional which includes the DER system? Yes No

Y- Please attach Local Government Energy Audit or ASHRAE Level II audit (newly completed or previously prepared) which includes the DER system, or any other feasibility study related to the project [to section L Energy Audit and Technical & Feasibility Information](#) .

N- The applicant is strongly encouraged to begin the process to attain an LGEA conducted by BPU's Clean Energy Program or a Level II ASHRAE Audit performed by a DPMC classified energy audit professional, as this information will be a requirement to complete the full application. Information on energy audits provided free of charge through the New Jersey Clean Energy Program can be obtained at <http://www.njcleanenergy.com/commercial-industrial/programs/local-government-energy-audit/local-government-energy-audit>.

Has the Applicant met with staff of the Office of Permit Coordination and Environmental Review (DEP's ONE STOP permit coordination)? Yes No

Yes: Provide date of meeting, list of needed permits, and any outstanding issues.

No: The applicant is strongly encouraged to meet with DEP's ONE STOP staff to identify needed permitting for the proposed project. Follow this link <http://www.nj.gov/dep/pcer/> for further information about ONE STOP. Describe the work conducted to date to investigate needed permitting.

Has the applicant completed a PJM interconnection application:
<http://pjm.com/planning/rtep-development/expansion-plan-process.aspx> Attachment N
 Yes No

If yes, provide the Queue number: _____

(Please see manual 14a for the complete interconnection process):
<http://www.pjm.com/documents/manuals.aspx>

Has the Applicant met with their Electric Distribution Company (EDC) to confirm that the proposed system will be compatible with the EDC's infrastructure and to otherwise coordinate with the EDC on their interconnection? Yes No

Yes: Provide date of meeting, summary of results, and any outstanding issues (include date and summary of results and outstanding issues)

No: The applicant is strongly encouraged to meet with their EDC to confirm that the proposed system will be compatible with the EDC's infrastructure and to otherwise coordinate on interconnection.

C. PROJECT DESCRIPTION

Project Type (technology or technologies):

Project Capacity/Total Project Size (kW or MW):

Annual Generation:

Project Operating Fuel:

ERB Financing Requested:

Total Financing as a Share of Total Project Cost (%):

Total Project Cost (\$):

Provide a brief description in the form of a short paragraph of the project to be undertaken. The description should include the general services provided by the applicant, existing DER systems or fixtures currently in place, current aggregate megawatt capacity and proposed changes and additions with reference to megawatt capacity changes. The brief description (approximately 500 words or less) also should include a general site description. Please indicate if any portion of the facility crosses county lines or is located in more than one county.

Please indicate if any portion of the facility crosses county lines or is located in more than one county.

Describe the status of the development process including predevelopment permitting and environmental review, estimated start and completion of construction and target in-service date.

D. STORM-RELATED INFORMATION

Describe how the facility was impacted and provide the cost of damage caused by Superstorm Sandy or another qualifying disaster listed in Appendix A of the ERB Financing Program Guide. Direct impacts include physical damage to the facility caused by the eligible disaster. Describe other impacts of the Superstorm or other qualifying disaster on the Applicant facility(s) and its ability to function during and following the weather event. Include the duration of each impact and identify which weather event it pertains to.

Briefly describe any damage or detrimental impacts to the area surrounding the facility where the DER system will be constructed or expanded. Describe how the facility contributes to the local economy through its provision of services and any economic impacts that resulted from the facility's direct or indirect impact from Superstorm Sandy or other qualifying disaster. Please quantify to the extent possible.

Was the Applicant Organization required to obtain and maintain flood insurance pursuant to National Flood Insurance Program (NFIP) regulations due to the fact that it applied for and received flood-event-related assistance from any federal source for damage to the property for which ERB financing is sought for any previous Presidentially-declared disaster (occurring after September 14, 1984) that required the mandatory purchase and maintenance of flood insurance pursuant to NFIP regulations.

- Yes
 No

For which Presidentially-declared disaster(s) did the Applicant Organization receive funding?

Outline the requirements for obtaining and maintaining NFIP associated with each disaster listed.

Did the Applicant Organization obtain and maintain flood insurance for the federally required period associated with the federal funding it received?

- Yes
 No

Note: As a condition of receiving ERB financing, the Applicant Organization will be required to purchase and maintain flood insurance to the extent required by any applicable federal regulations.

The use of federal funds comes with elevation requirements. This would include all DER fixtures. In addition, local building codes may require elevation of all or part of the facility in which the fixtures are to be located. Please consult with local building officials to determine the extent to which elevation of the entire structures may be required. Describe any/all elevation requirements and how the facility generation or storage systems/fixtures within the project facility will be constructed above FEMA ABFE, plus any additional requirements imposed by federal or state or local regulations.

Using the listed tools below, provide an assessment of the Facility's risk of being affected by sea level rise over the useful life of their DER system. Describe how the risks of sea level rise on the system will be mitigated and how the proposed project design ensures that energy technology will be appropriately resilient to potential future flooding and storm surge. Sea level rise tools: 1) NOAA Sea Level Rise Tool for Sandy Recovery at <http://www.globalchange.gov/browse/sea-level-rise-tool-sandy-recovery#overlay-context=>; 2) New Jersey Department of Environmental Protection (DEP) guidance on flood protection located at <http://www.nj.gov/dep/watersupply/pdf/guidance-ifp.pdf>; and 3) Coastal Vulnerability Index and Mapping Protocol at <http://www.state.nj.us/dep/cmp/docs/ccvamp-final.pdf>.

E. GENERAL APPLICANT INFORMATION

Provide a description of operations, services provided and customer base. Briefly describe the Applicant/team experience (that will enable successful completion of the project) in (1) undertaking projects of similar size and scope, and (2) operating a DER system or other energy system of same or similar size to the one proposed in this application,

Describe the ownership and/or statutory authority of the Applicant.

Year Applicant was established:

Describe the service area of the Facility including street boundaries if less than whole municipal and/or county areas.

Does the Facility where construction will occur have any tenants?

Yes No

Uniform Relocation Act (URA) Notice: Projects with tenants being displaced due to work provided by federal funding must abide by the Uniform Relocation Act (URA). See link -- [Uniform Relocation Act \(URA\)](#)

Fill out chart for each new position the Facility will create as a result of construction or expansion of the DER system. (This estimate relates to permanent Full-Time Equivalent (FTE) positions to be maintained after construction completion, and should not include construction jobs.)

Employee Title	Annual Salary	Hours Employee Will Work Per Week	Full- or Part-Time Employee

Is the Applicant any of the following types of entities or located in the following area? Check all that apply.

- Yes No Minority-Owned Business
- Yes No Veteran-Owned Business
- Yes No Affirmative Action/Disadvantaged Small Business
- Yes No Located in a Historically Underutilized Business (HUB) Zone

F. SYSTEM

Check all that apply.

Fuel cells (Complete forms 1, 2, 3 & 3a)

Without heat recovery

With heat recovery

Combined Heat and Power (CHP) Systems (Complete forms 1, 2, 3 & 3a)

Reciprocating Engine

Gas Turbine

Microturbine

Solar PV Off-Grid Inverter and/or Batteries (See Notes) (Complete form 1)

Microgrid

The addition of islanding controls to meet the minimum resilient and critical load requirement (See Notes)

The addition of blackstart fixtures to meet the minimum resilient and critical load requirement (See Notes) state type of fixtures.

DER system/fixtures are new, commercially available and will be stationary or permanently installed on the customer side of the meter.

The DER system is designed to provide energy to all designated critical loads during a seven-day grid outage without a delivery of fuel to emergency generators. Over the course of such an outage, facilities could plan on using emergency generators and fuel storage in conjunction with the resilient DER system.

A separate performance meter is or will be installed that is capable of recording all renewable energy generation to verify the renewable energy certificates (REC) for renewable DER systems (CHP or fuels cells fueled with biogas or renewable hydrogen) or solar REC (SREC) for storage added to existing photovoltaic system.

The CHP system achieves an annual efficiency of at least 65% based on the lower heating value (LHV)

The electric only generation fuel cells achieve annual system efficiency of at least 50% electrical efficiency defined as the total useful electrical, thermal and/or mechanical power produced by the system at normal operating rates and expected to be consumed in its normal application divided by the lower heating value (LHV) of the fuel sources for the system.

CHP or Fuel Cell system warranty, service contract, or equivalent is all inclusive for at least ten years. The warranty covers all components that are financed under the ERB. The warranty covers the full cost of repair or replacement of defective components including all labor costs.

The application provides full documentation of the ability to operate at that capacity during the full year.

The design of the facility counts for all excess useful thermal energy identified in the feasibility study, energy audit and final design.

Note: Critical loads are the sum of the electrical load of the facility system/fixtures required to perform the facility's critical functions. The critical function should include any anticipated shelter function to provide a safe and secure facility for displaced employees, customers or residents in the event of a disaster or other emergency. This may include microgrid capabilities to connect additional buildings or facilities.

Note: For Retrofits, only the incremental expansion of DER system/fixtures to generate electricity or useful thermal energy is eligible

Note: All electric storage projects must be capable of meeting the resiliency criteria to operate during a continuous seven-day electric grid outage.

Note: The ERB will not finance the cost or installation of solar photovoltaic panels or any of the balance of system costs except for off-grid or dynamic inverters and battery storage. Any solar electricity storage must be paired with other distributed generation technology to meet the resiliency criteria.

Note: For solar storage, this system can be paired with an on-site emergency or back-up generator with fuel storage. The ERB will not finance any of the components of the on-site emergency or back-up generators.

G. PROJECT INFORMATION

COST SUMMARY

Total Project Cost \$ _____

Total Financing Requested \$ _____

Fill out the Summary Sources and Uses of Funds Chart that includes at least the items below, as applicable. Total Project Costs for each column should be equal.

Summary Sources and Uses of Funds Chart

SOURCES		USES	
(Include funding in hand, committed and expected)		Generation System Component Cost	\$0.00
Insurance proceeds (for storm damage repairs)	\$0.00	Design/Engineering	\$0.00
SBA (for storm damage repairs)	\$0.00	Construction/Installation	\$0.00
FEMA (for storm damage repairs)	\$0.00	Fuel Line Install/Modification	
Department of Energy (DOE) (for storm damage repairs)	\$0.00	Electrical/Mechanical Tie in/Interconnections	
Other Govt Sources (for storm damage repair)		Permitting Fees	
Bank Financing	\$0.00	Contingency	\$0.00
Equity	\$0.00	Acquisition	\$0.00
Other Govt. Sources	\$0.00	Other Eligible Costs	\$0.00
Other Sources	\$0.00		
ERB Financing Request	\$0.00	Other Costs not Eligible for ERB Financing	\$0.00
TOTAL PROJECT SOURCES	\$0.00	TOTAL PROJECT COST	\$0.00

For each identified source of funding in the Sources and Uses Chart above, other than the ERB Financing, describe status of application, commitment or approval.

Provide an explanation of why project costs cannot be funded by other sources of conventional or bond financing or by rate increases?

The total project cost must reflect all other activities being undertaken at the facility concurrent with and/or dependent on those for which ERB funding is being requested. Please identify any additional federal funding that is included in the total project cost.

Has the applicant or the facility received any insurance proceeds related to this proposed ERB project or any other previous existing energy system at this location?

Please provide a breakdown of the budget costs that are attributable to resiliency. A resilient cost are the costs associated with making the DER Technology capable of isolation, starting and operating without connection to the electric grid, as well as, the costs associated with hardening, raising/flood proofing the facility to protect the DER technology and the systems needed in their operation.

If FEMA is a funding source, provide Control Number.

If SBA is a funding source, provide Application Number.

Have other sources of funding been applied for and denied? If yes, provide list of entities applied to and brief description of reason(s) for denial for each.

Describe how any remaining gap between sources will be funded if the full amount of the request could not be funded or if the project experiences unexpected cost overruns.

Project Economics and Operating Costs: Discuss and justify requested funding (capital) needs referencing budget, energy sales or use plan, cash flow analysis and other attachments and factors as needed. Include discussion of plans for utilizing or marketing energy from the Project and the status of negotiations with potential purchasers or users of the energy. If this information is included in the Feasibility Analysis, then so indicate and refer to the appropriate section/page of the Feasibility Analysis.

Provide a listing of all grants, incentives, rebates, tax credits or other tax incentives including Modified Accelerated Cost Recovery (MACRS).

Grant/Incentive/Tax Credit/Financing	Agency	Amount	Date

[Duplication of Benefits Form](#)

Please complete and upload to Section L: Certifications

[Third Party Permission Form](#)

Please provide any updates from intake and upload to Section L: Certifications

PROJECT

Project's Goals and Objectives – Describe the overall goals and objectives to be achieved by successful completion of this project. Include project's success metrics and how defined. Also describe how this project will commence work quickly and complete the project within a two-year time period, or earlier; the project's ability to be resilient and operate when the grid is down; to create jobs; the project's ability to reduce greenhouse gas emissions, criteria pollutant emissions and other environmental discharges; and the project's ability to create or save energy.

Site Location and Description – Indicate the site for project development and the basis for site selection including the location of substations and transmission lines and all points of interconnection to the distribution system serving New Jersey. Also indicate the location and connection point to any regulated natural gas utility or interstate pipeline. Describe the current uses, conflicts, or characteristics of the site location under consideration. Define the attributes which make the site attractive and list any potential problems, constraints or limitations with siting an energy facility at that location, including but not limited to environmental, economic, or energy production characteristics. If this information is already included in the Feasibility Analysis, then so indicate and refer to the appropriate section/page of the Feasibility Analysis.

Site Ownership or Control – Identify the nature of land ownership or lease arrangements for all aspects of the Project including all required interconnection areas. Describe progress in securing leases, easements and land required for the Project and propose a plan for accomplishing remaining steps toward acquiring leases or land ownership. Indicate whether Applicant has site control, or demonstrate the ability to have site control within 90 days after the funding approval date.

Requirements for financing Federal Infrastructure Projects:

1. Performance Standards:

Resilient energy projects to be funded through CDBG-DR funding are required to meet minimum performance standards that are capable of supporting operations in the event of an electrical grid failure or other outage. Projects will be assessed on a project's ability to support, at least, minimal emergency operations during an electrical outage. Performance standards for projects include requirements that the project promote redundancy within the distribution grid and offer enhanced network connectivity, among other potential requirements. Describe how the project proposed for funding will meet these standards.

2. Green Infrastructure:

The State is promoting increased efficiency and the use of renewable sources of energy including solar, wind, geothermal, and sustainable biomass as well as clean energy technologies, including combined heat and power and fuel cells. Describe how the project to be funded will incorporate the use of renewable or other clean energy sources. Discuss how the project to be funded will incorporate green infrastructure components; defined as the integration of natural systems and processes, or engineered systems that mimic natural systems and processes. Also discuss how the project will take advantage, if applicable, of the services and natural defenses provided by land and water systems such as wetlands, natural areas, vegetation, sand dunes, and forests, while contributing to the health and quality of life of those in recovering communities.

System/Fixtures – To the fullest extent possible, indicate the major types of DER system /fixtures that will be installed. If not yet selected, indicate the candidate system/fixtures suppliers and the characteristics (to be) specified. Indicate whether the project team plans to own or lease system/fixtures. Discuss how the electric generation system/fixtures will have a minimum useful service life of twenty (20) years subject to necessary major maintenance including engine or fuel cell core change out and rebuild. Also discuss to the extent possible which of the technology and project proposed will be manufactured or supported in the State and constructed by New Jersey-based businesses. (Note: For actual construction of the Project if approved for financing, system/fixtures identified in the Application may be replaced or updated with more technologically advanced system/fixtures that is/are equal to or better than the system/fixtures identified in the Application. If this information is included in the Feasibility Analysis, then so indicate and refer to the appropriate section/page of the Feasibility Analysis.

FACILITY

Utilities Serving the Facility:

Electric Utility:

- Atlantic City Electric
- Jersey Central Power & Light
- PSE&G
- Rockland Electric Company
- Other _____

Electric Utility Account Number: _____

Gas Utility:

- Elizabethtown Gas
- New Jersey Natural Gas
- PSE&G
- South Jersey Gas

Gas Utility Account Number: _____

Will the Project be used as an Emergency Management Facility?

Yes No

If yes, please provide verification from the county office of Emergency Management.

PROJECT TIMELINE AND MILESTONES

Provide an estimated development schedule for undertaking the Project, including projected dates for commencement of the Project and completion, as well as major project milestones for anticipated events and deliverables from the date of submission of the Application through commissioning and operation of the Project and the disbursement period of the grant/loan. The timeline must indicate steps in weeks or months and can take the form of a Gantt chart or similar chart type. Minimum milestones shall include:

Design professional/engineer selected

Design plans finalized, including site location layout, systems details,

DER System/Fixtures Procurement process (i.e. RFP/Bid)

Project financing secured

NJDEP Air and other state/local required reviews, approvals, and permits (as needed)

Project Financing closing/initial disbursement

Construction Permits issued

Construction period

System Installation/Commissioning/Verification Complete

Final disbursement of funds

PROJECT TECHNICAL WORKSHEETS

The following includes the Technical Requirements, Instructions, and Terms and Conditions for projects eligible under the ERB Program. Before completing the forms and the related technical worksheets, please carefully read: A) ERB Program Guide, B) ERB Funding Round for either Water/Wastewater Treatment Facilities or Hospitals and their related healthcare facilities, as applicable, C) Instructions for Completing the Technical Worksheets, and D) Important Terms and Conditions.

INSTRUCTIONS FOR COMPLETING THE TECHNICAL WORKSHEETS:

1. Complete all sections of the applicable Technical worksheets, and provide additional feasibility and technical information as outlined in the Application Attachments section.
2. Any changes between the initially proposed system and the installed system must be fully documented and are subject to ERB approval.

IMPORTANT TERMS AND CONDITIONS:

1. To receive financing, Applicant must agree to an inspection by the ERB, or an ERB-designated contractor. The applicant must also agree to allow the ERB to monitor the facility's energy production to verify meeting efficiency requirements and energy production.
2. The ERB reserves the right to modify or withdraw this program. Program procedures and funding levels are subject to change or cancellation without notice. Approved projects will be honored under the terms stated in the commitment letter.
3. Installation must comply with the host utility's Interconnection Requirements, which are available from the respective electric utility. These include Operation/Disconnection Procedures, Liability/Indemnity and Insurance Requirements according to the size of the project.
4. All required permits must be properly obtained and posted.
5. The project must entail the installation of real property improvements to the facility. The acquisition, construction, and installation of DER technologies are permanent in nature. The DER technology must be connected to the facility through the necessary hardwiring and piping, in addition to other essential connections, associated with the various DER systems. The construction and installation of the DER technology is defined as an appurtenance that is directly connected to the facility and/or property, and would therefore constitute a permanent component of the facility once it has been constructed and installed. The following are **not eligible** for financing: portable and emergency backup power systems; used, refurbished, temporary, pilot or demonstration system/fixtures; systems that use diesel fuel, other types of oil or coal for continuous operation.
6. Construction projects will be subject to prevailing wage requirements pursuant to P.L. 2009, c. 203, which amends P.L. 2009, c. 89, as well as the prevailing wage regulations promulgated by the New Jersey Department of Labor and Workforce Development pursuant to P.L. 1963 c. 150 as amended, and N.J.A.C. 17:27-1.1 et seq. and prevailing wage requirements as set forth under Davis Bacon, 40 U.S.C. sec. 3141 et seq., and related acts, where applicable; and implementing regulations and guidelines and Affirmative Action rules and HUD's Section 3 employment and economic opportunities requirements (24 C.F.R., Part 135), as applicable.
7. All projects must be in compliance with all applicable laws. Applicants may not have any significant unresolved environmental violations, past due unresolved Federal financial obligations, past due unresolved financial obligations to the State of New Jersey, and must be current in all payment of all state and local taxes at time of application submittal and through the entire duration of project funding received by Applicant.
8. After the approved system is installed, the Applicant (or Installation Contractor) must submit the following to the EDA: a completed Notification of Commercial Operations – full scale system verification; proof of purchase; proof of warranty; completed W9 Taxpayer ID and certification form; a copy of the Electrical Code Inspection Certificate; and a completed Interconnection Application.

Technical Worksheets for DER Project System

Before completing the attached Technical Worksheets for the ERB Program, please carefully read all of the information in Sections A, B and C below.

With the help of your design professional, fully complete the technical worksheets for system/fixtures. For all the following questions/information, please provide responses specific to systems/fixtures that are being installed. If unknown, use estimates based on typical attributes of infrastructure of this size, characteristics, and application.

A. INSTALLATION REQUIREMENTS:

1. CHP systems with waste heat utilization must achieve annual system efficiency of at least 65% (LHV) and fuel cells without heat recovery must achieve annual system efficiency of at least 50% (LHV).
2. Systems must be commercially available and permanently installed. The following are **not eligible** for financing: portable and emergency backup power systems, temporary, pilot, or demonstration system/fixtures; systems that use petroleum diesel fuel, other types of petroleum oil or coal for continuous operation.
3. The installation must comply with provisions of these standards, as appropriate: NFPA 853 – Stationary Fuel Cell, and all codes governing the installation of Combined Heat and Power equipment; Power Plants, IEEE 519 – Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems; ANSI Z21.83-1998 Fuel Cell Power Plants, and input and output protection functions should be in compliance with ANSI C37.2 Device Function Number specifications.
4. The system should be equipped with the following capabilities, indicators and/or controls:
 - On/off control on site
 - Operating mode setting indication - parallel vs. stand-alone
 - AC & DC overcurrent protection or equivalent
 - Operating status indication
 - Remote control and data acquisition capable
 - Electric load-following capable

B. CODE REQUIREMENTS:

1. The installation must comply with the provisions of the National Electrical Code and all other applicable local, state, and federal codes or practices.
2. All required permits must be properly obtained and posted. (e.g., Title V)

In order to ensure compliance with provisions of the NEC, an inspection by a state-licensed electrical inspector will be mandatory.

C. INSTRUCTIONS:

All sections of the applicable Technical worksheets must be completed, and additional feasibility and technical information as outlined in the Application Attachments section must be submitted.

FORM 1A: PROPOSED ERB CHP SYSTEM PERFORMANCE

Proposed System overview (Annual)

Prime Mover Type	
Energy Input	(MMBtu)
Electric Output	(kWh)
	(MMBtu)
Recoverable Thermal Output	(MMBtu)
Utilized Thermal Output ¹	(MMBtu)
Annual System Efficiency ²	(%)

1 kWh =
0.003412
MMBtu

Prime Mover Model Info	
Energy Input	(MMBtu)
Rated Electric Output	(kW)
	(MMBtu/h)
Total Thermal Output	(MMBtu/h)
Recoverable Thermal Output	(MMBtu/h)
Fuel Conversion Efficiency ³	(%)

If available -- Rated System Information

1 – Heat used from the CHP systems for the purpose of heating and cooling Thermal Output)/Energy Input

3 – Fuel Conversion Efficiency = (Rated Electric output + Recoverable

2 – Annual System efficiency = (Electric output + Utilized Thermal Output)/Energy Input

Proposed/Estimated System Overview

Month	Anticipated operating hours	Input Fuel (MMBtu)	Output Electricity (MMBtu)	Recoverable Thermal output (MMBtu)	Utilized Thermal output	Electric Efficiency (%)	Thermal Efficiency (%)	Annual Efficiency (%)
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Oct								
Nov								
Dec								
Total								

Breakdown of Recovered Thermal Output (Indicate in the detailed feasibility analysis the fuels that are being displaced and the estimated/projected respective system/fixtures efficiency)

Month	Process Heating (MMBtu)	Process Cooling (MMBtu)	Space Heating (MMBtu)	Space Cooling (MMBtu)	Domestic Hot Water (MMBtu)	Other (MMBtu)	Total (MMBtu)
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Total							

Unit Cost of Electricity	
Unit Cost of Gas	
Rate Schedule Electricity	
Rate Schedule Gas	

SAMPLE

FORM 1B: PROJECT AIR EMISSIONS DATA

This form reports anticipated annual emissions of the six (6) pollutants due to the CHP System. The first table should include vendor supplied data on the emissions from the prime mover to be installed. The second two sections will show what fraction of those new emissions is displacing current system emissions.

Yearly Grid Supplied Electricity (Pre-Installation) (MWh/year)	
Yearly CHP System Supplied Electricity (MWh/year)	
Yearly Grid Supplied Electricity (Post-Installation) (MWh/year)	

Estimated and/or Vendor Supplied CHP System Emissions

lbs/MWh

NOx		
SOx		
PM-10		
CO2		
CO		
VOC		

Estimates of "Displaced" Emissions

The following two tables should be completed if data or information exists. By reporting on the emissions of the facility both before and after installation of the CHP system, the net impact of the new system can be estimated. If insufficient data exists, leave the tables blank. For systems greater than 2 MW, both tables must be completed prior to the release of the committed incentive.

Calculated Annual Boiler/Furnace Emissions (lbs)

	Pre-CHP Installation	Post Installation	Difference
NOx			
SOx			
PM-10			
CO2			
CO			
VOC			

Annual Site Emissions (lbs)

	Pre-CHP Installation	Post Installation	Difference
NOx			
SOx			
PM-10			
CO2			
CO			
VOC			

FORM 1C: ERB CHP PROJECT SYSTEMS COST TABLE

Directions: Please enter all estimated CHP system capital costs in the table below. Where a component or construction cost is not included in CHP project design enter “N/A.” Where a component or construction cost is provided within another line item, please enter “included.”

Generation System Component Cost	Estimated (\$)
Prime Mover	
Fuel Compressor	
Black Start Capability	
Generator	
Heat Recovery	
Cooling Tower or other Heat Dump	
Absorption Chiller	
Desiccant	
Controls	
Sound Attenuation	
Inlet Air Handling	
Vibration Isolation	
Emission Controls	

Design/Construction/Labor and Materials Cost	Estimated (\$)
Engineering	
Site Preparation	
Buildings	
Construction Labor	
Materials	
Exhaust Stack	
Electrical Tie-in	
Mechanical Tie-in	
Grid Interconnection Devices	
Permitting Fees	
Contingency	

Total DER System Project Cost	
--------------------------------------	--

**FORM 1D: ERB CHP PROJECT SYSTEM SERVICE
AND MAINTENANCE COSTS**

Directions: Please enter estimated annual costs for system service and maintenance, and include fixed costs for extended service warranty where applicable.

	YR 1	YR 2	YR 3	YR 4	YR 5	YR 6	YR 7	YR 8	YR 9	YR 10
System -- Operating and Maintenance Costs										
Warranty/Service Contracts (as applicable)										
Total Service/Maintenance Costs										

SAMPLE

FORM 2A: PROPOSED FUEL CELL SYSTEM PERFORMANCE

Proposed System overview (Annual)

Prime Mover Type	
Energy Input	(MMBtu)
Electric Output	(kWh)
	(MMBtu)
Recoverable Thermal Output	(MMBtu)
Utilized Thermal Output ¹	(MMBtu)
Annual System Efficiency ²	(%)

1 kWh =
0.003412
MMBtu

Rated System Information

Prime Mover Model Info	
Energy Input	(MMBtu)
Rated Electric Output	(kW)
	(MMBtu/h)
Total Thermal Output	(MMBtu/h)
Recoverable Thermal Output	(MMBtu/h)
Fuel Conversion Efficiency ³	(%)

1 – Heat used from the Fuel Cell system for the purpose of heating and cooling

3 – Fuel Conversion Efficiency = (Rated Electric output + Recoverable Thermal Output)/Energy Input

2 – Annual System efficiency = (Electric output + Utilized Thermal Output)/Energy Input

Proposed System Overview

Month	Anticipated operating hours	Input Fuel (MMBtu)	Output Electricity (MMBtu)	Recoverable Thermal output (MMBtu)	Utilized Thermal output	Electric Efficiency (%)	Thermal Efficiency (%)	Annual Efficiency (%)
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Oct								
Nov								
Dec								
Total								

Breakdown of Recovered Thermal Output (Indicate in the detailed feasibility analysis the fuels that are being displaced and the respective system/fixtures efficiency)

Month	Process Heating (MMBtu)	Process Cooling (MMBtu)	Space Heating (MMBtu)	Space Cooling (MMBtu)	Domestic Hot Water (MMBtu)	Other (MMBtu)	Total (MMBtu)
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Total							

Unit Cost of Electricity	
Unit Cost of Gas	
Rate Schedule Electricity	
Rate Schedule Gas	

SAMPLE

FORM 2B: PROJECT AIR EMISSIONS DATA

This form reports anticipated annual emissions of the six (6) pollutants due to the Fuel Cell System. The first table should include vendor supplied data on the emissions from the prime mover to be installed. The second two sections will show what fraction of those new emissions is displacing current system emissions.

Yearly Grid Supplied Electricity (Pre-Installation) (MWh/year)	
Yearly Fuel Cell System Supplied Electricity (MWh/year)	
Yearly Grid Supplied Electricity (Post-Installation) (MWh/year)	

Estimated and/or Vendor Supplied FUEL CELL System Emissions

lbs/MWh

NOx		
SOx		
PM-10		
CO2		
CO		
VOC		

Estimates of "Displaced" Emissions

The following two tables should be completed if data or information exists. By reporting on the emissions of the facility both before and after installation of the Fuel Cell system, the net impact of the new system can be estimated. If insufficient data exists, leave the tables blank. For systems greater than 2 MW, both tables must be completed prior to the release of the committed incentive.

Calculated Annual Boiler/Furnace Emissions (lbs)

	Pre- Fuel Cell Installation	Post Installation	Difference
NOx			
SOx			
PM-10			
CO2			
CO			
VOC			

Annual Site Emissions (lbs)

	Pre- Fuel Cell Installation	Post Installation	Difference
NOx			
SOx			
PM-10			
CO2			
CO			
VOC			

FORM 2C: ERB FUEL CELL PROJECT SYSTEMS COST TABLE

Directions: Please enter all estimated Fuel Cell system capital costs in the table below. Where a component or construction cost is not included in Fuel Cell project design enter “N/A.” Where a component or construction cost is provided within another line item, please enter “included.”

Generation System Component Cost	Estimated (\$)
Prime Mover	
Fuel Compressor	
Black Start Capability	
Generator	
Heat Recovery	
Cooling Tower or other Heat Dump	
Absorption Chiller	
Desiccant	
Controls	
Sound Attenuation	
Inlet Air Handling	
Vibration Isolation	
Emission Controls	

Design/Construction/Labor and Materials Cost	Estimated (\$)
Engineering	
Site Preparation	
Buildings	
Construction Labor	
Materials	
Exhaust Stack	
Electrical Tie-in	
Mechanical Tie-in	
Grid Interconnection Devices	
Permitting Fees	
Contingency	

Total DER System Project Cost	
--------------------------------------	--

FORM 2D: Fuel Cell SYSTEM SERVICE AND MAINTENANCE COSTS

Directions: Please enter annual costs for system service and maintenance, and include fixed costs for extended service warranty where applicable.

	YR 1	YR 2	YR 3	YR 4	YR 5	YR 6	YR 7	YR 8	YR 9	YR 10
System – Operating and Maintenance Costs										
Warranty/Service Contracts (as applicable)										
Total Service/Maintenance Costs										

SAMPLE

FORM 3: PROPOSED ERB BATTERY/SOLAR SYSTEM PERFORMANCE

With the help of your design professional, fully complete the technical worksheets for system/fixtures. For all the following questions/information, please provide responses specific to systems/fixtures that are being installed. In unknown at this time, use estimates based on typical attributes of infrastructure of this size, characteristics, and application.

Description of system operating under normal operation:

Description of system operating under island mode, including any planned emergency generator or back-up generator use to satisfy the resiliency criterion:

Proposed System Overview Operating in Island Model under Fuel Limiting Scenario¹

Electric Output – PV	(kW)	
Electric Output – Other ²	(kW)	
Proposed dispatch strategy ³	(load following/cycle charging)	
Liquid fuel storage tank capacity	(gal)	
Battery Bank Autonomy ⁴	(hours)	
Critical Load	(kW)	

Rated System Information- Battery Bank

Manufacturer/Model number		
Battery type		
Nominal voltage (per battery)	(Volts)	
Nominal capacity (per battery)	(Amp-hr)	
	(kWh)	
Number of batteries	(#)	
Round Trip Efficiency ⁵	(%)	
Minimum state of charge	(%)	
Float life ⁶	(years)	
Maximum charge rate	(Amp/Amp-hr)	
Maximum charge current	(Amp)	

Rated System Information- Battery Bank Capacity Curve⁷

Current (Amp)	Current (Amp-hr)

¹ Please note Fuel Limiting Scenario is defined as the consecutive 7 day period in December where the ratio of the electric output of PV (kWh) to the critical load is the lowest. For PV systems that are currently installed, historical performance shall be used. For PV systems that are not currently installed, the theoretical performance shall be used.

² This would include all electric generation besides solar PV, e.g. emergency generator output, during the Fuel Limiting Scenario

³ For the purposes defined here, dispatch strategy is a set of rules used to control the operation of the generator(s) and the battery bank whenever there is insufficient renewable energy to supply the load. Under a load following strategy, the generator(s) would only operate to produce enough power to meet critical load. Under a cycle charging strategy, the generator(s) would operate at full output power with excess power charging the battery bank.

⁴ Battery Bank Autonomy is the ratio of the battery bank size to the electric load and will be calculated as follows:

$$A = [N * V * Q * (1 - q_{min} / 100) * (24h/d)] / [L * (1000Wh/kWh)]$$

where N is the number of batteries in the battery bank, V is the nominal voltage of a single battery (V), Q is the nominal capacity of a single battery (Amp-hr), q_min is the minimum state of charge of the battery bank (%), and L is the average December critical load (kWh/d)

⁵ Roundtrip efficiency is defined as the roundtrip efficiency of the battery bank, or the fraction of energy put into the battery that can be retrieved.

⁶ Float life is the maximum length of time the battery will last before it needs to be replaced, regardless of use.

⁷ Please identify several data points on the battery's capacity curve relating discharge current to capacity.

Rated System Information- Battery Bank Lifetime curve⁸

Depth of Discharge (%)	Cycles to Failure

Rated System Information- Emergency /Back-Up Generator

Manufacturer				
Estimated Age	(years)			
Lifetime	(years)			
Fuel Type				
Energy Input	(MMBtu)			
Rated Electric Output	(kW)			
	(MMBTU/hr)			
Fuel Consumption Data				
Output power	25%	50%	75%	Full
Gallon per hour				

Rated System Information- Converter

Manufacturer/Model number		
Inverter rated capacity	(kW)	
Inverter efficiency	(%)	
Lifetime	(years)	
Inverter can operate simultaneously with AC generator	(Y/N)	
Converter serves as rectifier	(Y/N)	
Rectifier rated capacity	(kW)	
Rectifier efficiency	(%)	

Rated System Information- PV System

Estimated Age	(years)	
Lifetime	(years)	
Rated Electric Output	(kW)	
Array Type	(fixed, 1-axis, 2-axis)	
Array Tilt	(degrees)	
Array Azimuth	(degrees)	

⁸ Please identify several data points on the battery’s lifetime curve relating cycles the battery can withstand before failure at different depth of discharge percentages.

VIOLATIONS

List of any outstanding violations with the New Jersey Department of Environmental Protection

Violation	Date issued	Resolved

Attach Third Party Permission Form.

DEBARMENT

Applicants are required to answer the following background questions of certain actions that can lead to debarment or disqualification from eligibility under State or Federal law.

At any time during the past ten years has the Applicant:

1. Had an injunction, order or lien entered against it in favor of any governmental agency including but not limited to judgments or liens based on taxes assessed or fines and penalties imposed by any government agency?

Yes No

If yes, provide complete details, including when, where, and why.

2. Been convicted and/or found guilty and/or pled guilty and/or found liable in any court to any of the following: antitrust statutes; racketeering statutes; environmental laws; laws banning workplace discrimination; laws governing wages, hours or labor standards; laws governing the conduct of occupations, professions or regulated industries; embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, receiving stolen property, making false claims, or obstruction of justice, and/or any law indicating a lack of business integrity or honesty?

Yes No

If yes, provide complete details, including when, where, and why.

3. Paid a fine or otherwise paid to settle any of the allegations made by an agency of government of any of the following: antitrust statutes; racketeering statutes; environmental laws; laws banning workplace discrimination; laws governing wages, hours or labor standards; laws governing the conduct of occupations, professions or regulated industries; embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, receiving stolen property, making false claims, or obstruction of justice and/or any laws indicating a lack of business integrity or honesty:

Yes No

If yes, provide complete details, including when, where, and why.

4. Presently indicted for or otherwise criminally or civilly charged by a government entity with commission of any of the offences enumerated in (3).

Yes No

If yes, please provide details.

5. Been denied a license, permit or other similar authorization required to engage in the business concern's trade(s) or professional discipline(s) or had any such license permit or similar authorization been suspended or revoked by any agency of federal, state or local government?

Yes No

If yes, provide complete details, including when, where, and why.

6. Been suspended, debarred, disqualified, denied a classification rating or prequalification or otherwise been declared not responsible to bid on or to perform work on any public contractor subcontract?

Yes No

If yes, provide complete details, including when, where, and why.

7. Been required or agreed, pursuant to any agreement or settlement with any governmental agency to refrain from submitting any form of prequalification, from bidding or from proposing on any public contract?

Yes No

If yes, provide complete details, including when, where, and why.

8. Violated the terms of a public agreement or transaction so seriously as to affect the integrity of an agency program?

Yes No

If yes, provide complete details, including when, where, and why.

9. Has any owner, stockholder, officer, partner, or employee of this organization ever been suspended, disqualified, or debarred by this state or any other state or the federal government or by any subdivision thereof?

Yes No

If yes, provide complete details, including when, where, and why.

10. Are you currently named as a party in any pending litigation relating to any of the above categories?

Yes No

If yes, please describe.

If not already covered by the above, provide a description of any liens, judgments, pending lawsuits or other legal claims, tax claims, or other outstanding financial claims against the Applicant, its parent or any of its related entities.

DISCLAIMER

Under the provisions of the Federal Privacy Act, set forth in 5 U.S.C. 552a, you are not legally required to provide your Social Security number to the Authority in order to apply for financial assistance under this disaster recovery program. The failure to provide your Social Security number to the Authority may not affect any right, benefit or privilege to which you are entitled by law. However, EDA uses Social Security numbers to distinguish between people with a similar or the same name. Voluntarily providing this number makes it easier for EDA to more accurately identify to whom adverse credit information applies and to keep accurate financing documentation.

ACKNOWLEDGEMENTS

Check each box below indicating that you have read, understand and will comply with the following.

NOTICE REGARDING AFFIRMATIVE ACTION

1. An Affirmative Action Program of Equal Opportunity, in support of P.L. 1975, C 127, the New Jersey "Law Against Discrimination" as supplemented and amended, as well as in accordance with Executive Order No. 11246 promulgated by the President of the United States, September 24, 1965 and Executive Order No. 11625, promulgated by the President of the United States, October 13, 1971, has been or will be adopted by this organization to ensure that applicants are employed, and employees are treated without regard to their race, creed, color, national origin, nationality, gender, affectional or sexual orientation age, ancestry, marital status, handicap or disability and that the selection and utilization of contractors, subcontractors, consultants, material suppliers and equipment lessors shall be done without regard to their race, creed, color, national origin, nationality, gender affectional or sexual orientation, age, ancestry, marital status, handicap or disability. Said Affirmative Action Program addresses both the internal recruitment, employment and utilization of minorities and the external recruitment policy regarding minority contractors, subcontractors, consultants, material suppliers and equipment lessors.

2. All documentation required by the Affirmative Action Program of Equal Opportunity, as evidence of compliance, may be inspected at the office of the individual, partnership or corporation submitting this application.

I have read, understand and will comply with the Notice above.

NOTICE REGARDING PREVAILING WAGE

For any construction work undertaken in connection with Energy Resilience Bank funding, the Applicant funding recipient will be required to comply with, and require all contractors and subcontractors used by it in relation to the Project to comply with, all Federal, State and municipal laws, rules and regulations applicable to all activities performed by, or on behalf of, Applicant funding recipient in pursuit of and in relation to the Project. These laws and regulations include, but are not limited to: N.J.S.A. 34:1B-5.1 (Prevailing Wage) and prevailing wage requirements as set forth under Davis Bacon, 40 U.S.C. sec. 3141 et seq., and related acts, where applicable; and implementing regulations and guidelines.

I have read, understand and will comply with the Notice above.

NOTICE REGARDING SECTION 3

For any construction work undertaken in connection with the Energy Resilience Bank funding; the Applicant/Subrecipient, contractors, and all subcontractors in relation to the Project (if applicable) will be required to comply with Section 3 of the Housing and Urban Development Act of 1968 (24 C.F.R., Part 135) relating to employment and economic opportunities.

I have read, understand and will comply with the Notice above.

VERIFICATION AND ACKNOWLEDGEMENTS

By clicking on the box below, you are submitting your full application. Once your application is submitted, no further changes can be made. Any further edits should be made in coordination with your Business Development Officer. Prior to selecting this box, be sure to have the CEO review all information in this application, sign the CEO Application Certification, and upload it in Attachment Section # 6 – Certifications.

I verify that I am authorized to commit my organization and to submit this Full Application on behalf of the organization. I certify that the above information is correct and that the statements made herein, including all attachments, are true and correct to the best of my knowledge. I understand that this Full Application may be disqualified if it does not contain all required information. I understand that all materials submitted as part of the Full Application are subject to disclosure. I acknowledge and agree that the ERB has no obligation, and retains the discretion to fund or not to fund the project described herein, and that the ERB's receipt of the Full Application does not imply any promise of funding at any time.

ATTACHMENTS

Please download the [Application Checklist](#) to use as a guide to ensure all items were completed, and then add them to the applicable Attachment Section. The Document Help tab will also explain what should be uploaded into each section. The ERB reserves the right to request any additional information deemed necessary to complete the review process.

1. Organizational and Applicant Financial

Articles of incorporation or certificate of formation and amendments

Listing of Board Members

Audit (most recent two years)

Bond/credit rating (from Moody's Investors Service, Standard & Poors, and/or Fitch Ratings)

2. Storm Damage

Per "Tie to the Storm" requirements (see HUD Requirement #2 in the program guide) provide documentation showing direct or indirect damage from one of the eligible disasters in Appendix A of the program guide.

- For direct damage, this could include but is not limited to 1.) FEMA Worksheet 2.) Loss Run Report 3.) Adjuster Claim. Documentation needs to verify the dollar amount of appraisal or payment, as well as the applicable date. Multiple sources are not needed if one document covers all aforementioned criteria.

For indirect damage, documentation will be requested on a case by case basis, and established using the description of events provided by the applicant.

3. Energy Audit and Technical & Feasibility Information

Please see Application Checklist for the items in this section.

4. Project Technical Worksheets

**Please download from Section G – Project Technical Worksheets.
Fill them out and upload here.**

5. Project Information

- Evidence of site control such as a fee simple title, fully executed long-term lease agreement, or other similar documentation.
- Provide documentation of staff's or other independent source's estimate of anticipated cost of DER system or service for each procurement undertaken to date for the Project.
- If procuring system/fixtures or services to complete the Project, provide all associated Requests for Proposals (RFPs) and summary of decision showing the selected respondent and the qualified respondents not selected. If procurement has not yet occurred for some or all project components, describe process to be used.
- If Project will be used as an Emergency Management Facility, provide verification from the county office of Emergency Management.
- Copies of all Funding Commitments – funding commitments include commitment letter(s), subscription agreement(s), award letters, etc. showing dollar amount of committed funding, terms and conditions.
- For denied funding, attach each denial letter.

6 Certifications

Certificate of Good Standing - For-profit and non-profit applicants, and any third-party contractors, must be in good standing with the State of New Jersey, and must not be debarred by the Federal Government or the State. Governmental entities and instrumentalities of governmental entities such as authorities do not need to comply with this requirement.

<http://www.nj.gov/treasury/revenue/standcert.shtml>

Third Party Permission Form

Duplication of Benefits Form

Right of Entry and Release of Information

CEO Application Certification |

APPENDIX A

ELIGIBLE DISASTERS

To be eligible for funding under the Energy Resilience Bank, according to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (P.L. 93-288), as amended by the Disaster Relief Act of 1974 (P.L. 93-288), projects must demonstrate a tie to one of the listed weather events below or have incurred physical damage from one of the listed storms.

- **Declaration No. 1954** – Severe Winter Storm and Snowstorm (Incident Period: December 26, 2010 to December 27, 2010). Impacted counties: Passaic, Bergen, Morris, Essex, Hudson, Union, Somerset, Middlesex, Mercer, Monmouth, Ocean, Burlington, Atlantic, Cumberland, Cape May.
- **Declaration No. 4021** – Hurricane Irene (Incident Period: August 27, 2011 to September 5, 2011). Impacted counties: all twenty one counties.
- **Declaration No. 4033** – Severe Storms and Flooding (Incident Period: August 13, 2011 to August 15, 2011). Impacted counties: Gloucester, Salem, Cumberland.
- **Declaration No. 4039** – Remnants of Tropical Storm Lee (Incident Period: September 28, 2011 to October 6, 2011). Impacted counties: Passaic, Sussex, Warren, Hunterdon, Mercer.
- **Declaration No. 4048** – Severe Storm (Incident Period: October 29, 2011). Impacted counties: Middlesex, Somerset, Hunterdon, Union, Morris, Warren, Essex, Bergen, Passaic, Sussex, Cape May.
- **Declaration No. 4070** – Severe Storms and Straight-Line Winds (Incident Period: June 30, 2012). Impacted counties: Salem, Cumberland, Atlantic.
- **Declaration No. 4086** – Hurricane Sandy (Incident Period: October 26, 2012 to November 8, 2012). Impacted counties: all 21 counties.

RIGHT-OF-ENTRY PERMIT and RELEASE OF INFORMATION
NJEDA Energy Resilience Bank Program

Applicant Name:	
Address:	
City:	County:
Phone:	
Email:	

RIGHT OF ENTRY (“ROE”): The undersigned Applicant hereby unconditionally authorizes New Jersey Economic Development Authority (“NJEDA”), the New Jersey Department of Environmental Protection (“NJDEP”), and their respective assigns, employees, agents, contractors, program managers, inspectors and subcontractors (collectively, the “Permitted Parties”) to have the right of access and to enter in and onto the property described above (the “Property”) for the purpose of performing any of the following activities in connection with determining eligibility for and/or receiving assistance under the Energy Resilience Bank (the “Program”): environmental review and inspections, historic preservation review and inspections, the taking of samples for specialized testing, on-site inspections and regulation compliance inspections.

Applicant understands and agrees:

1. This Right of Entry does not create any obligation on the part of the Permitted Parties to perform any of the foregoing activities on the Property.
2. Environmental inspections and historic preservation reviews are a requirement of CDBG-DR funding. Compliance with that funding requirement requires that the Permitted Parties be granted full access for the purpose of environmental and historic preservation inspection activities. Inspection activities will primarily consist of external inspections of the property.
3. No inspections will be performed until this ROE is completed in full.
4. Applicant authorizes the Permitted Parties to collect samples of materials, including but not limited to, drywall compound, floor tile, piping insulation, paint, ceiling tile, soil, potable water and groundwater for purposes of testing for potentially hazardous materials (including lead paint, asbestos, mold, etc) in accordance with the requirements of local, State, and federal authorities. Applicant understands that this sampling may result in minor damages to the Property, which damages may be repaired if the Applicant receives assistance from the Program, but will not be repaired if the Applicant does not receive assistance from the Program.
5. Applicant shall indemnify and hold harmless the NJEDA, NJDEP, and the other Permitted Parties for any and all liability, loss, damage, or destruction of any type whatsoever to the Property and to personal property and fixtures situated thereon, and for bodily injury or death to persons on the Property, and hereby releases, discharges and waives any and all liability, claims, demands, damages, injuries, losses, penalties, fines, costs, causes of action, judgments, expenses, as well as any and all actions, either legal or equitable, which the undersigned has, or that might arise, of any nature whatsoever and by whomever made, or may have, by reason of or incident to any action of aforesaid NJEDA, NJDEP or the other Permitted Parties taken to accomplish the purpose of this Right of Entry.

6. Applicant represents and warrants that Applicant has full power and authority to execute and fully perform Applicant's obligations under this ROE. If Applicant is an entity, Applicant also represents and warrants that Applicant has such power and authority pursuant to its governing instruments, without the need for any further action, and that the person(s) executing this ROE on behalf of Applicant are the duly designated agents of Applicant and are authorized to do so. Applicant expressly represents and warrants that fee title to the Premises is vested solely in Applicant.
7. This Right of Entry shall expire twelve (12) months after this Application is duly signed and submitted to the NJEDA, unless otherwise extended in writing by Applicant.

Applicant Name _____ Date _____

Authorized Signatory _____ Date _____

Witness Signature _____ Date _____

SAMPLE

CEO APPLICATION CERTIFICATION

I, THE UNDERSIGNED, BEING DULY SWORN UPON MY OATH SAY:

1. I have received a copy of the "Notice Regarding Payment of Prevailing Wages," the "Notice Regarding Affirmative Action" and the "Notice Regarding Section 3" and am prepared to comply with the requirements contained therein.
2. I affirm, represent, and warrant that the information contained in the Application and in all attachments submitted herewith is to the best of my knowledge true and complete and that the funding applied for herein is not for personal, family, or household purposes.
3. I understand that if such information is willfully false, I am subject to criminal prosecution under law, including N.J.S.A. 2C:28-2 and civil action by the EDA which may at its option terminate its financial assistance.
4. By executing this Application, Applicant(s) acknowledge and understand that Title 18 United States Code Section 1001: (1) makes it a violation of federal law for a person to knowingly and willfully (a) falsify, conceal or cover up a material fact; (b) make any materially false, fictitious, or fraudulent statement or representation; OR (c) make or use any false writing or document knowing it contains a materially false, fictitious, or fraudulent statement or representation, to any branch of the United States Government; and (2) requires a fine, imprisonment for not more than five (5) years, or both, which may be ruled a felon, for any violation of such Section.
5. I authorize the New Jersey Department of Law and Public Safety to verify any answer(s) contained herein through a search of its records, or records to which it has access, and to release the results of said research to the EDA.
6. I authorize the EDA to obtain such information including, but not limited to, a credit bureau check as it may require, covering the applicant and/or its principals, stockholders and/or investors.
7. I authorize the EDA to provide information submitted to it by or on behalf of the applicant to BPU, any bank or State or federal agency which might participate in the requested financing with the EDA or undertake an audit.
8. I authorize the EDA to request of any company with which I hold insurance policies, or FEMA or the SBA or any other business from which I have applied for or am receiving proceeds, including but not limited to banks and other financial institutions, any non-public or confidential information determined to be reasonably necessary by the EDA to evaluate and process my application, and I give my consent to such company to release said information to the EDA.

(Signature)

(Title)

(Name, please print)

(Date)

ERB Duplication of Benefits Affidavit

1. Please provide necessary insurance information on any insurance claim to an energy system/fixture, component, or electrical lines that was a result of damage from any and all of the disasters listed in appendix A. If applicable please provide the name of the insurance company, policy number, claim number, settled amount, and which disaster caused the damage. If there were never any claims please state none.

<u>Ins. Company</u>	<u>Policy Number</u>	<u>Claim Number</u>	<u>Settled Amount</u>	<u>Disaster</u>

2. Please provide any sources of funding or potential funding on the new energy system, or current system that is being retrofitted or upgraded. Sources of funding could include but are not limited to SBA, FEMA, BPU, DEP, DCA, PSE&G, private banks, and other sources. Please provide the source, application # if relevant, amount received, or amount plan to be received.

<u>Source of Funds</u>	<u>Application Number</u>	<u>Amount Received</u>	<u>Total to Receive</u>

The undersigned, on behalf of and as a duly authorized agent and representative of “Applicant Name” certifies that it has disclosed to the New Jersey Economic Development Authority (NJEDA) in this Affidavit all funds received or to be received for financial assistance on the aforementioned project(s) for which assistance may also be provided by the NJEDA. “Applicant Name” acknowledges that it may be prosecuted by Federal, State, or local authorities and/or that repayment of CDBG-DR funds may be required in the event that it makes or files false, misleading, or incomplete statements or documents.

Applicant _____
 Representative _____
 Date _____

**Energy Resilience Bank (ERB)
Permission to Access Applicant Information**

By completing the information below, you are agreeing that the person(s) you list will be able to access verbal and written information regarding your application for the ERB and any additional information, as provided below, related to the program for which you have applied.

Design Professional

Name: _____

Address: _____

Email/Phone #: _____

Attorney Information

Name: _____

Address: _____

Email/Phone #: _____

Energy/Other Consultant Information

Name: _____

Address: _____

Email/Phone #: _____

Other Interested Parties (attach additional pages if necessary)

Name: _____

Address: _____

Email/Phone #: _____

Relationship: _____

Information that may be disclosed (check all that apply):

ALL information submitted by applicant regarding the application for assistance _____

Application for assistance _____

Financial and credit related information _____

Feasibility studies/analyses, energy reports or related information _____

Project plans, drawings, schematics, construction budgets/contracts, construction timelines, environmental reviews and plans, and any other construction information provided by the applicant. _____

I understand by signing this form that the New Jersey Economic Development Authority, New Jersey Board of Public Utilities, their staff and contractors are allowed to speak freely about my application for financial assistance and related matters, within any limits specified above. I understand that I may revoke this permission at any time by sending a signed, dated statement to ATTN: Energy Resilience Bank, NJEDA, PO Box 990, Trenton, NJ 08625, or via email erb@njeda.com.

Applicant Name (signed) _____

Applicant Name (printed) _____

Date _____ Time _____



This permission may be revoked at any time by the applicant. To do so, please:

- Check the box below
- Sign in the space provided below.
- Return the form to ATTN: Energy Resilience Bank, NJEDA, PO Box 990, Trenton, NJ 08625, or via email erb@njeda.com.

I hereby revoke permission for Advocate Access to Information.

Applicant Name (signed) _____

Applicant Name (printed) _____

Date _____ Time _____