

2018 Sustainable Jersey Grants Cycle for Energy Projects

September 10, 2018

Presented by: Kaitlyn Vollmer, Grants Program Coordinator and Nancy Quirk, Energy Program Manager



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Kaitlyn Vollmer Grants Program Coordinator





Nancy Quirk Energy Program Manager





1. Overview of Cycle 2. Use of Funding & Example Projects 3. Eligibility Requirements 4. Application & Live Walk Through **5. Required Attachments** 6. Evaluation Criteria 7. Reporting Requirements 8. Q&A



Background





The Gardinier Environmental Fund is contributing \$150,000 to support a Sustainable Jersey Grants Program cycle for municipal governments and public school districts focused on energy conservation, efficiency and renewable energy

Available Funding



This 2018 Grants Cycle is underwritten by the Gardinier Environmental Fund:

- Two (2) \$30,000 grants
 Nline (0) \$10,000 grants
- Nine (9) \$10,000 grants

At least 50% of the available grant funding pool will be reserved for awards to certified municipalities and school districts with certified schools.

An applicant is only eligible to apply for and receive **one** grant. However, collaboration on a project between municipalities and schools is encouraged.

Use of Funding

Grant Project Categories



- Projects may involve planning or engineering studies
- Community education and outreach elements encouraged!
- Direct Install projects for HVAC, boilers, controls, etc.
 - allowed to include lighting elements
 - lighting **ONLY** projects are not accepted

. Incentive Programs

PROGRAM	INCENTIVE LEVEL	TYPE OF EQUIPMENT				
For all NJCEP incentive programs, call 866-NJSMART (866-657-6278) or visit:						
	www.njcleanenergy.com/commercial-ind	lustrial/home/home				
NOTE: Incentive	NOTE: Incentive ieveis are subject to change; contact ivicer and/or utility company for current program details.					
NJCEP Direct Install	 Existing facility (peak demand <200kW) Incentive pays 70% of cost of installed efficiency measures (equipment) \$125,000 project cap \$250,000 entity cap Incentives paid directly to installer 	 HVAC may have limitations, such as: Boilers may not exceed 1,500,000 Btuh Furnaces may not exceed 140,000 Btuh Refrigeration Motors (may have limitations) Variable Frequency Drives 				
NJCEP SmartStart Buildings	 SmartStart equipment incentives evaluated on a case- by-case basis Incentives based on type of equipment, efficiency, size, and end-use application Up to \$500,000 per utility account For details on equipment incentives, see: <u>SmartStart Buildings Application Forms</u> Must contact NJCEP 	 Electric Chillers Gas Cooling / Gas Heating Electric Unitary HVAC Ground Source Heat Pumps Variable Frequency Drives Gas Water Heating Food Service Equipment Custom Measures with cost justification 				
NJCEP Pay for Performance (P4P)	 New construction (>50,000 square feet of conditioned space planned) Existing facility (>200kW peak demand) Incentive level based on energy savings up to 25% of total project cost Incentive paid in 3 installments 	 Comprehensive whole building approach New construction, renovation, remodeling, or equipment replacement Requires an Energy Reduction Plan: Energy audit Financial plan Construction schedule 				
NJCEP Combined Heat and Power	 Incentives based on installed rated capacity \$2 million cap for projects of < 500 kW \$3 million cap for projects > 500 kW; incentive varies by size of project 	Distributed Energy Resources category: Combined Heat and Power Renewable Electric Storage Wind Power				
	 Home Performance with Energy Star (HPwES) 					
NJCEP Residential Incentives	Comfort Partners Multi-Family Energy Efficiency Residential New Construction	 Energy audit and efficiency upgrades Appliance rebates (refrigerator, furnace/boiler, washer/dryer, water heating, air conditioning) 				
<u>NJDEP It Pay\$ to</u> <u>Plug In</u>	 Up to \$750 per Level 1 charging station Up to \$5,000 per single-port Level 2 charging station Up to \$6,000 per dual-port Level 2 charging station 	 Charging stations may be installed at workplaces, public places, and multi-unit dwellings 				
Utility Company Incentives	 Complement NJCEP incentives May offer on-bill repayment May offer 0% interest financing Programs for government facilities, businesses, and residences (single and multi-family) 	 Utility company incentives vary by service territory; check the utility website for current program details Links for utility incentives programs are provided in Sustainable Jersey actions 				
Utility Company Websites Elizabethtown Gas: www.elizabethtowngas.com/residential/energy-savings/high-efficiency-equipment-rebation NJNG: www.savegreenproject.com/featured-pages/o-apr-on-bill-repayment-program PSE&G: www.pseg.com/business/small_large_business/save_energy/gov_efficiency.jsp South Jersey Gas: southjerseygas.com/For-My-Business/Business-Incentives.aspx (commercial) South Jersey Gas: southjerseygas.com/For-My-Home/Residential-Incentives.aspx (residential)						

NOTE: LIGHTING UPGRADES OF ANY KIND ARE NOT ELIGIBLE FOR SUSTAINABLE JERSEY GRANT FUNDING. This includes street lighting, stadium lighting, parking lot lighting, and other exterior and interior lighting. 14

Available Incentives

- Grant applicants are encouraged to leverage
 - Other funding sources
 - NJCEP incentives
 - Utility incentives
 - NJDEP grants



NJCEP Incentives

- Direct Install
- SmartStart
- Pay for Performance
- Combined Heat and Power (CHP)
- Contact:
- directinstall@NJCleanenergy.com
- To locate the Direct Install Contractor in your region:
- http://www.njcleanenergy.com/commercialindustrial/programs/direct-install/participatingcontractors

Visit: njcleanenergy.com Call: 866-NJSMART

Utility Incentive Programs

 Incentives vary by utility

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 Contact your local natural gas and electric utilities







Sustainable Jersey Energy Actions

	Climate Planning and Energy Efficiency	Renewable Energy	Fleets, Alternative Fuel Vehicles, Parking
Facilities and Operations	 Carbon Footprint Green Roofs Energy Efficiency for Facilities 	 On-Site Solar Energy +10 pts storage for resilience On-Site Geothermal On-Site Wind Energy 	 Fleet Inventory AFV Procurement Effective Parking Management
Community Energy Use	 Community Carbon Footprint Climate Action Planning Residential and / or Commercial Energy Efficiency Outreach Behavior-Based Energy Efficiency in Schools 	 Wind Ordinance Renewable GEA Make Your Town Solar Friendly Community-Led Solar Initiatives 	 Make Your Town EV Friendly Public EV Chargers Workplace charging Multifamily charging Public Areas

Energy Efficiency for Facilities

- 5 points Audit on at least one building
- 10 points Local Government Energy Audit (LGEA)
- 15 points Significant upgrade work
- 20 points LGEA on all buildings PLUS significant upgrade work
- **30 points** Efficiency upgrades; 10%-19% decreased energy use
- 40 points Efficiency upgrades; 20%-29% decreased energy use
- 50 points Efficiency upgrades; at least 30% decreased energy use



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Building Efficiency: Historic Buildings

- Older buildings were built to last!
- Buildings older than 1920 are MORE efficient than those built later in the 20th Century
- Built without modern heating and cooling
- Energy savings designs such as deep eaves, cross ventilation
- South-facing for solar gain
- Old growth wood

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 Requires specific expertise for energy efficiency retrofit



William Black House, Hammonton, NJ www.historicalsocietyof Hammonton.org

Retro-Commissioning (RCx)



- RCx is a "tune-up" for existing building systems
- Changes in occupancy, use, etc. can change equipment usage/demands
- Includes training for O&M
- May address:
 - Thermostats out of calibration
 - Belts, valves
 - Variable frequency drives
- Improves indoor air quality, comfort, cost savings

Average Simple Payback of Measures in Years



Figure Data Source: Mills, E., 2009. "Building Commissioning: A Golden Opportunity for Reducing Energy Costs and Greenhouse Gas Emissions"

http://buildingefficiencyinitiative.org/articles/retrocommissioning-significant-savings-minimal-cost

Building Efficiency: White Roofs

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- White surfaces reflect heat
- Reduce building energy use





www.epa.gov/heat-islands/compendium-strategies

- Roofing accounts for 20% to 25% of land cover in urban areas
- Reduces urban heat island effect
- Heat Island Assessment Action

Building Efficiency: Green Roofs

Figure 4: Temperature Differences between a Green and Conventional Roof



On a typical day, the Chicago City Hall green roof measures almost 80°F (40°C) cooler than the neighboring conventional roof.

- Reduce urban heat island effect
- Reduce energy costs
- Increase building comfort
- Enhance stormwater management
- Green Roof Action

Images: www.epa.gov/sites/production/files/2017-05/documents/reducing_urban_heat_islands_ch_3.pdf



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Combined Heat and Power (CHP)

- System must operate a minimum of 5,000 full-load equivalent hrs per yr (3,500 hrs for critical facilities)
- Automatically disconnect from utility
- Simple payback period of 10 years



Image: www.energy.gov/eere/amo/combined-heat-and-power-basics

On-Site Solar PV



- Solar canopy on parking lot
- Rooftop solar on school
- Energy Storage / Islanding for resilience
 - additional 10 points for On-Site Solar action
- Community shelter and warming station



Hopewell Valley Central High



Bradley Beach Recreation Center Solar PV

Electric Battery Storage



- Reduces greenhouse gas emissions
- Can help defer grid upgrades
- Can provide resilience when grid is down
- Can be used in combination with renewable energy – solar, wind
- Can charge battery on off peak hours



www.acua.com/green-initiatives/renewableenergy/battery/

Renewable Electric Storage Project Report as of June 30, 2018							
Host Site	Customer Type	Host Site City	County	Power Capacity (kW)	RE System Type	Storage System Technology Type	Approval Date
Princeton University	School	Princeton	Mercer	366	Solar	Zinc Iron battery	9/27/2016
ACUA Treatment Plant	Wastewater Treatment	Atlantic City	Atlantic	1000	Solar	Lithium Ion battery	3/30/2017
Hammonton Meat Packers	Commercial	Monroeville	Salem	450	Solar	Lithium Ion Battery	1/9/2018
Princeton Charter School	School	Princeton	Mercer	200	Solar	Lithium Ion Battery	3/13/2018
Panasonic Industrial Devices Sales Company of America	Commercial	Newark	Essex	500	Solar	Lithium Iron Phosphate	4/20/2018

Solar Thermal (solar hot water)

- Manchester Township Police Department
- Solar Thermal System on municipal rooftop
- Provides hot water for

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- five (5) showers
- sixteen (16) sinks



raleighnc.gov/home/content/AdminServSustain/Articles/SolarThermal.html



www.ci.minneapolis.mn.us/sustainability/buildings-energy/sustainable-energy/sustainability_firestation1

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Solar Powered Bus Stop Shelters



- Rechargeable battery pack
- Motion sensor night lighting

Images: www.handi-hut.com; inhabitat.com/solar-powered-bus-shelter-unveiled-in-san-francisco/

- LED safety lighting
- No utility wiring or construction disruption
- WiFi routers



Solar Parking Lot + EV Charging

Benefits

- Reduce urban heat island
- Keep vehicles cool in summer
- Protect vehicles from rain, snow
- Utilize unused space
- If building rooftop not suitable for solar
- Nearby to end user of energy
- Can be paired with EV chargers

Design Elements

- Significant construction project
- Experienced engineering / architectural partners
- High clearance
- Water, snow, ice management
- Vehicle protection piers



San Diego Zoo Solar Parking + EV Charging

Image: sdge.com/newsroom/press-releases/2013-10-13/costsavings-and-environmental-benefits-drive-growth-electric

Electric Vehicle Actions



Make Your Town EV Friendly

- Design standards for EVSE parking spaces
- Training for local officials
- Outreach activities
 - Incentive for pre-wiring
 - Awareness event
 - Commitment from 3 local partners
 - for workplace chargers
 - for multi-family chargers

Public EV Charging Infrastructure

Alternative Fueling Station Locator Find alternative faeling stations near an address or ZIP code or along a routs in the United States. Enter a state to see a station court Plan a Route blackwood, nj Electric more search option Electric stations near blackwood, n Cardinal polyate stations Camden County College Blackwood Campus College Dr Blackwood, NJ 08012 Phone: 888-998-2546 **Fuel:** Electric Electric charging types: Level 2 Distance: 1.5 m

Effective Parking Management

- Understand parking demand
- Effective use of existing parking
- Strategies to reduce future parking

Municipal Planning & Zoning for EVs



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Siting Demand Analysis

Multi-family Residential

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Source: NJTPA Montclair AFV Readiness Plan: njtpa.org

Workplace Charging



EV Charging Stations



- Community outreach and stakeholder engagement
 - Businesses
 - Employers
 - Medical facilities
 - 'Destinations'
 - Multi-family property owners

- Assess trends
 - Employment patterns
 - Residential development
 - Commercial development
 - Income levels
 - Current EV or PEV ownership: 'first adopters'
 - Consumer awareness of EVs
 - Increasing range of EV batteries

Long Duration	Short Duration
Ноте	Shopping
Work	Entertainment
Transit Hub	Restaurant
Higher Education	Medical Facilities
Hotel	Municipal Fleet (code/inspection)



It Pay\$ to Plug In NJ's Electric Vehicle Charging Grants



Grants of up to \$6,000 per charging station for the purchase and installation of EV chargers at workplaces, public places, and multi-family homes.

Eligible Projects

- 1. <u>Workplaces</u>: For employee parking & fleet vehicles.
- 2. <u>Public places</u>: For everyone. Examples: public parking lots and garages, downtowns, hotels, retail, colleges/universities, public parks, transit centers, attractions and destinations.
- 3. <u>Multi-Unit Dwellings</u>: For apartments, condominiums and townhouses.

Process

- Apply online and receive approval letter from DEP <u>before purchasing or installing charging stations</u>.
- Install within 9 months of approval. Submit paid invoices, receive reimbursement.

Apply online at: <u>www.drivegreen.nj.gov/plugin.html</u> New Jersey Department of Environmental Protection

Eligible Applicants

Governments, businesses, non-profit organizations, educational institutions, and multi-unit dwellings such as apartment complexes, condominiums & townhouses.

Private residences other than multi-unit dwellings are <u>not</u> eligible.



It Pay\$ to Plug In NJ's Electric Vehicle Charging Grants



Reimbursement Amounts

DEP will reimburse for a percentage of eligible costs, up to a maximum of:

- \$750 per Level 1 charging station
- \$5,000 per single-port Level 2 charging station
- \$6,000 per dual-port Level 2 charging station

Location	Charging station available to the general public	Charging station on government- owned property	Charging station on non- government-owned property
Public place	Yes	100% up to maximum	80% up to maximum
Workplace	No	60% up to maximum	60% up to maximum
Multi-unit dwelling	No	60% up to maximum	60% up to maximum

Questions? Contact us at <u>Drivegreen@dep.nj.gov</u> or call 609-292-7953.

Municipal Planning & Zoning for EVs



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Alternative Fuel Vehicle Readiness

A Guidebook for Municipalities

December 2017



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Make Your Town Electric Vehicle Friendly

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Louis est June 2017

Events valid as an coming, what are not non-sipalities are ready. This action addresses millacities by the non-isipality to accelerate and facilitate the acoption of PLg. In Electric Vehicles (FEVs). The points are earned by completing all three of the manufactory pairs and at least one of the applicated inside level below.

- The following mancheony tasks intra, by completed in order to early coints.
- Amend the zoning onlinences is include Field a Vehicle Supply Equipment (SVSE, EV straiging stations) as a termined accessory use in select or all distincts.
- Adopt a PEV antinance to induce well-knows and design standards for EVSE, EV parking spaces, and design pulselines for installation of CASE
- Bet she local first responde to to pack loate in online or in person training
- Additional tasks select any one task from the isobelow in order to cam
- Awareness Event: Host an Electric Vehicle evareness event sports
- Incentive for Pre-Wring for EX Changing Station: Provide incends Electric Vehicle Supply Eculprient (EVSE). Workplace Chargers: Secure commanents from these local carge
- Multi-Family Home Charganic Secure communicatis from these is residential d'argine stations.
- Consider medited commonlies the rolloc and court internal fichs. activities access internations

Why is it important?

Resided on a infercient to enable profession concerner subscription increasing carrier or electro vehicle support it insurations. If sharped at home, typically during the overling hours. Municipal Infordation re-coupled with other actions that encourage second increased PEV use by park, mere teaced ally committees.

The more electrically likeled miles differ in NU the result -s needate moves or a nativity and sheet for as case emission relatively low parloan cost cannel to many other states). The about one third of Kills event Lenergy use, and approximation

Municipalities and in a random past car to hader vectory reinvolvement by removing barriers and creating sweets a In the Northeast http://www.osomelownolimate.org/dis

Presserane die Personner auchen für adhise alle für municipalities in promoting the raception.

Who should lead and be involved with

Vesca10 Contains the class of H & roundly Continences Plug-in Electric Vehicle (PEV) Friendly Ordinances The parame of this functionale, are a finition in document is to as a reasoning in the distance of the second seco The persons of this invariantly, stracy defining a doosing on its original transmission in a doing the strategy of the strate 4-112017 4) Exclusive Lenge sheet in the west of the statistic of find dave up to Condition the involve induced in the definitions sometime of the exclusion of the data more of the exclusion of the exclusion of the and names is enforced providing accurately with the data more of the exclusion of the exclusion of the and names is enforced providing accurately with the exclusion of the The definitions associated of the ordinarce/(i). The definition of new form and stands, impact new as a direct, is and in the interval in exists also velocitized will be any former than the interval of the interval of the constance. The definition of the sample constance before a the barry is constance to the particulation of the interval of the constance of the sample constance to the particulation of the constance of the particulation of the constance of the particulation of the particulation of the constance of the particulation of the particula ar d'hante é senfort est Freedding des vel hikons wil engane d'ar (y in bass d'as inpressionalistic and notimps sport al sus constances. Sus des no consta d'as verple containent labor en libe factoring esperid. Jonne Ordhance for lapps to it sites that examinables can take in promoting the site of El. On network evolutions is to a site in the network it is an a site of an a site of the An 1970 5 to 5 the 9 th of Comm. Index can take in Dromothins the set of DL on electric Contentions to stands where these in Summer is a Direction of the provide state of the set of the Summer is a four Tooler By Alexandro Action in Courties that can't go at marcase where dod to be do at your routed accurate the set of the se Your Young Yu Felendig Action receives that North Sold names is allowed and solicit de Lic challent examinations are presented accounting in which is all courses of the rate. Here was advected to solicit de Lic challent is in Ripa Ing will was to cours due when cranging the zero in Somerchismes: here in the who are consigned associated by second toop In a base trady, to promote the use of physics a sector with day p_i with the sector characteristic end discontant the sector unit c_i is a final case is a base kine. Add time as a discontant days bare then be when c_i The baset way for promote the use or pliptine worthin teen class of with the same charge optimized unsupplied to community, i.e. in all cases a data kan had use a same charge optime to be seed to ensure the secret state. Inthing, deaths and safety on the bit charge scatter of the bit charge scatter to the contract deaths and safety on the bit charge scatter of the bit of the secret state. throughout the accumumities in the family a family added to a set distribution of the family added of the set of the sector of t des red, to ensure the acquire this (phund, declar and sales) of the loc chard his sales is. Regulations in the sales of the sale of the sale of the sales of the sale of the sales of the sale of the sales of the sale of the sale of the sales of the sale. the future of a "Dirge a chematical suggestion for Impiris the sent of parcing successive the charging the function of the second state of the second state of the second state of the sta To have the university for any nection to need to be an other starting to realise for solution denotes despinences for the mentioping of Arights as on a princip file by university or table or denote a second contradict second as .

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Municipal Fleet



- Fleet Inventory Action
 - Evaluate current vehicle use
 - Fleet planning exercise
- <u>Purchase Alternative Fuel</u>
 <u>Vehicles Action</u>





- Code enforcement vehicles
- Police vehicle fleet
- Light and heavy duty trucks
 - Garbage trucks
 - Pickup trucks
 - Cargo vans
- Transit bus fleet



- Nation's largest fleet
 - 480,000 school buses in operation
- Largest form of mass transit
- Alternative fuel vehicles cost more than diesel
- Save 40-50% on fuel costs
- Reduced maintenance costs

Healthier Air Reduced CO2 emissions Quieter Less expensive O&M



Images: afdc.energy.gov/uploads/publication/case-study-propane-school-bus-fleets.pdf and www.mlive.com/news/ann-arbor/index.ssf/2017/06/electric_school_bus.html

School Buses

Fleet Route Optimization: Telematics

- Planning optimal routes maximizes efficiency
 - Reduces miles driven

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- Reduces stops at signals
- Reduces time spent in traffic
- Reduces number of vehicles needed for routes



Images: sussex.nj.us/Cit-e-Access/webpage



For more information:– U.S. Department of Energy Alternative Fuel Data Center

afdc.energy.gov/conserve/behavior_strategies.html

Eligibility Requirements



1. Be a New Jersey municipal government or school district.

2. Registered with Sustainable Jersey or Sustainable Jersey for Schools **AND** have an active **Green Team in accordance with program requirements**.

3. Proposed grant projects that would be eligible for funding or rebates available from the New Jersey Board of Public Utilities Clean Energy Program (NJCEP), NJDEP, regional utility company programs, or other state government incentive programs **must leverage these resources in addition to the Sustainable Jersey small grant as part of the overall project budget.**

4. Lighting ONLY projects are not eligible for funding

5. Joint municipal and school district projects are encouraged.





1. Applicants already awarded a \$10,000-or-more grant in previous **2018** Sustainable Jersey grant cycles are **NOT** eligible to apply.

2. Applicants awarded \$10,000-or-more Sustainable Jersey grant in cycles prior to 2017 must have completed the grant project, submitted the final report and financial documentation, and received confirmation from Sustainable Jersey that the final report has been approved to be eligible.

3. Applicants awarded a \$2,000 grant in 2015 or 2016 must have completed the grant project, submitted the final report and financial documentation, and received confirmation from Sustainable Jersey that the final report has been approved to be eligible.

Year Grant Awarded	Amount	Grant Status	Eligible to Apply for Grant
	¢10.000 en meno	Open	No
2018	\$10,000 or more	Closed +	No
2018	¢2,000	Open	Yes
	\$2,000	Closed +	Yes
	\$10,000 or more	Open	No
2017		Closed +	Yes
2017	Under \$10,000	Open	Yes
		Closed +	Yes
		Open	No
2015 or		Closed +	Yes
2016		Open	No
		Closed +	Yes

+ A grant is closed when the final report and financial documentation has been submitted and approved by Sustainable Jersey

Application

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Sustainable Jersey Grants Program for Energy Initiatives Funded by The Gardinier Environmental Fund 2018 Municipality and School District

Grant Application Package

Announcement Date: Application Due Date: Link to Application: Monday, August 4, 2018 Wednesday, October 31, 2018 http://bit.ly/2018GardinierApp

Questions regarding the Grants Program should be directed to: grants@SustainableJersey.com or 609-771-3189.

General questions regarding the Sustainable Jersey Municipal Program should be directed to: info@SustainableJersey.com or 609-771-2938.

General questions regarding the Sustainable Jersey Schools Program should be directed to: <u>schools@SustainableJersey.com</u> or 609-771-3427.

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The <u>application information</u> <u>packet</u> can be downloaded from the Grants and Resources Page of the **Sustainable Jersey or Sustainable Jersey for** <u>Schools website</u>.

Questions: Kaitlyn Vollmer 609-771-3189 grants@sustainablejersey.com



Online Application & Deadline

Online Application Deadline: Wednesday, October 31 at 11:59pm





Sustainable Jersey & Sustainable Jersey for Schools

2018 Grants Program Funded by the Gardinier Environmental Fund

\$10,000 and \$30,000 Municipal and School District Application Form

For more information about this Sustainable Jersey Grants Program cycle, click here for the information packet.

LOGIN	
Email	
Password	
	Login Forgot Password?
SIGNUP	
-	
Email	
Password	
Confirm Password	
	Signup
,	wizehive

There is one application for municipalities and schools. The online application is available here: <u>http://bit.ly/2018GardinierApp</u>

We will review the online application later in this webinar.



Application Sections

Eligibility Screening				
1. Sustainable Jersey/Sustainable Jersey for Schools registration	3. Previous grant requirements			
2. Green team requirements				
Proposed Project				
1. Project title & description	4. Project impact			
2. Project team members & resumes	5. Budget narrative			
3. Action plan & timeline	6. Evaluation			
Attachments				
1. Green team documentation*	3. Detailed budget			
2. Grant authorization	4. Optional Information			

*Not required from Sustainable Jersey/Sustainable Jersey for Schools certified municipality or schools or districts with certified schools
Attachments: Green Team Documentation

- Have a green team that meets the action requirements.
- List of members.

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 Summary of green team activities. If just formed, describe future plans.



Applicants that have achieved Sustainable Jersey/Sustainable Jersey for Schools certification do not have to provide this information

Attachments: Grant Authorization

- Provide documentation that the municipality or district/school is authorized to apply for the grant.
- Examples: School Board resolution, letter from superintendent, B.A., or school principal

Resolution of Support from Local Governing Body Authorizing the Sustainable Jersey Grant Application

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Some municipalities have requested a sample of the resolution that must accompany their Sustainable Jersey Small Grants Program application. The purpose of the resolution is to affirm that the governing body approves of the proposed grant project/activities. A signed and certified resolution should be included with the grant application. Any standard resolution in support of applying for a grant will suffice. We do not require that you use this format.

SAMPLE RESOLUTION [Municipality] Resolution of Support Authorizing the Submission of a Sustainable Jersey for Schools Grant Application

Some school districts have requested a sample of the resolution that must accompany their Sustainable Jersey for Schools Small Grants Program application. The purpose of the resolution is to affirm that the Board of Education approves of the proposed grant project/activities. A signed and certified resolution should be uploaded through the online grant application. Any standard resolution in support of applying for a grant will suffice. We do not require that you use this format.

> SAMPLE RESOLUTION [Insert Name of School Board]

NOTE: This is NOT the same as the resolution to register with Sustainable Jersey/Sustainable Jersey for Schools



Attachments: Detailed Budget

A sample budget template is available for download on our website(s) and within the online grant application.

Eligible Expenses

• Staff stipends, consultant/contractor service fees, equipment, project supplies.

Ineligible Expenses

Facilities/administrative (overhead) costs





 If the proposed project is potentially eligible for NJCEP, NJDEP, or utility-sponsored incentive programs, you must document communication with the incentive programs and receive confirmation that the project does or does not qualify for existing incentives.

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- Availability of utility-sponsored incentive programs and how they relate to NJCEP programs varies by utility.
- Confirmation of the dollar amount of the funding is not required, just the eligibility of the project. For example, an email communication between you and the relevant NJCEP program manager would suffice if it clearly states whether or not the project qualifies for existing incentives.

See Section J of the application packet for more information





Proposals are evaluated based on...



Evaluation Criteria: Innovativeness & Uniqueness

 Does the proposed project lead to a new best practice?

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 Clearly articulate in your project description.



TIP: Project Selection

- Identify all requirements associated with the project
- Consider community dynamics when crafting your proposal so it's successful
- Consult stakeholders before settling on a plan
- Understand your capacity



- What type of project is being undertaken?
- What are the expected outcomes?
- What is the importance of this project in meeting sustainability goals of the municipality, school district, etc.



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 Does the proposed project either augment existing energy initiatives and/or will serve as a catalyst for future efforts?



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Evaluation Criteria: Likelihood of Success

The action plan should:

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- Clearly list the steps needed to complete the project
- Identify accurate estimates of the time needed to complete each step
- Be realistic and likely to be successfully accomplished
- The budget is realistic , includes only eligible and reasonable expenses, and leverages incentive funding (where applicable).

TIP: Action Plan & Timeline

- Consider administrative delays, such as the procurement process and plan time for paperwork
- Research the products you plan to use
- Set deadlines and adhere to them
- Try to plan for the unexpected always have a "plan B"
- Include plans for how the success of the project will be shared with the community
- Detailed budget consistent with budget narrative
- Include shipping costs



Demonstrate commitment to sustainable practices, leadership capacity through an active green team, and success at managing grant projects in accordance with program requirements





Evaluation Criteria: Partnerships & Leveraging

 Leverage additional external resources that may be available for project implementation



TIP: Building Your Team

 Include representation from stakeholder groups that will be involved/impacted by the implementation of the project.







Grant recipients will be announced:

Mid-January 2018

Fifty percent (50%) of the grant funds will be disbursed at the beginning of the grant period.

The remainder will be transmitted upon completion of the grant funded activities and acceptance of the recipient's final report.

Reporting Requirements

Nine-month Interim Report: October 31, 2019

• Project description.

Omorrow, One Community at

- Completed, delayed, and upcoming project milestones.
- Estimated project completion date.
- A list of project expenditures paid for by the grant funds to date.

Final Report: July 31, 2020

- Information about the project's completion including a summary, lessons learned, impact on the community and final expenses. Also, any available data.
- At least TWO photographs along with documentation depicting the grant project and/or related activities are required. Documentation that the Gardinier Environmental Fund and Sustainable Jersey were acknowledged as the project funders in project promotional materials and project signage.

Grant reporting will be completed online. Reminders will be emailed to the primary project contact in advance of the reporting submission deadline.



Additional Tips



- Templates for required attachments can be found on the Sustainable Jersey Gardinier Grants Cycle page and Sustainable Jersey for Schools Gardinier Grants Cycle page
- Lighting ONLY projects are INELIGIBLE
- NJCEP, NJDEP, and utility-or-state-sponsored incentive programs must be utilized if your project qualifies and communications confirming if they do/do not will need to be submitted as part of the grant application

Application Deadline:

Wednesday, October 31 at 11:59pm

Program Contact Information

P Berter Tomorrow, One Community at a



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609-771-3189 grants@sustainablejersey.com



Nancy Quirk Energy Program Manager

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Tony O'Donnell Economist

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- Navigating the Application
 - September 12, 3-4pm
- Preparing for Re-Certification

 – September 19, 3-4pm

- 2018 NJEA Grants Cycle
 - September 14, 3-4pm
- Strategizing for Silver
 Certification
 - September 27, 3-4pm



Sustainable Jersey Upcoming Events

Green Infrastructure Planning and Implementation Come and Find Out How to Get Your Points

This course will review the Sustainable Jersey green infrastructure actions. If your municipality is struggling with localize flooding or unhealthy waterways, you must come to this workshop. There are 35 points available for green infrastructure planning and another 45 points available for green infrastructure planning and another 45 points available for green infrastructure plans for over 140 Sustainable Jersey municipalities. Come find out if you are one of them and how you can adopt these plans for Sustainable Jersey points. If a plan is not already developed for your municipality, we will share with you how to get one done.

SEPTEMBER 19, 2018 - 8:30 AM TO 12:00 PM

DUKE FARMS – FARM BARN/ORIENTATION CENTER 1112 DUKES PARKWAY WEST, HILLSBOROUGH, NJ 08844

REGISTER

OCTOBER 17, 2018 - 8:30 AM TO 12:00 PM WHEATEN ART CENTER – EVENT CENTER 1000 VILLAGE DRIVE, MILLVILLE, NJ 08332

REGISTER



Sustainable Jersey Annual Luncheon

Tuesday, November 13, 2018

12:00pm – 2:00pm

The Crown Ballroom, Sheraton Hotel Atlantic City

Highlights:

omorrow, One Community at a

- Pre-Luncheon Networking Session (10:30am - Noon) *Certifying communities should arrive early to have their group photo taken prior to the start of the luncheon
- Luncheon (Noon 2:00pm)
- Conveyance of Special Awards
- Recognition of the 2018 Sustainable Jersey Certified Communities



REGISTER