

Screening Block



DNV GL is conducting this survey on behalf of the New York State Energy Research and Development Authority, also known as NYSERDA. NYSERDA commissioned this study to assess the impact of its funding on New York State companies and the state's economy. This study will also assess the impact of its funding and technical support on $\{e://Field/Program\%20Name\}$ demonstration projects conducted in New York State.

This survey will ask you a short series of questions regarding your company's participation in the following demonstration project funded by NYSERDA:

$\{e://Field/Project\%20Name\}$

Our records show NYSERDA provided \$ $\{e://Field/NYSERDA\%20Funding\%20Amount\}$ dollars for this project.

The survey should take about 15 minutes to complete. Your answers will help NYSERDA improve its research and development programs.

DNV GL is an independent consulting firm. All information you provide will be kept confidential to the extent permitted by law. Your responses will be reported in aggregate and we will not attribute any comments to specific respondents.

Are you the person at your company most qualified to answer questions about this project?

- Yes
 No

Please provide the name and email address of the person most qualified to answer questions about this project.

NAME

EMAIL

Which of the following best describes your role in the project?

- I was one of the contractors involved in the technical development of the project
- I am the site owner
- I coordinated the project and brought together vendors, the site owner, and other market actors

Do you have any reports or presentation that describe the results of the project that you could share with us?

- Yes
- No

Project Overview

Please select the option that best describes the type of project.

- Onsite power production –**
The project involved onsite generation of power. This could include any of the following technologies: biomass, combined heat and power, fuel cell, hydropower, photovoltaic, wind, advanced distributed generation, and others
- Onsite process improvement –**
The project demonstrated a process improvement at a specific site. Examples include: paper drying by hot pressing, water recycling, and improved plastic injection molding.
- Product demonstration –**
The project involved demonstration of a commercially available product in its intended environment (not including on-site power generation) Results could have been used for product commercialization or to generate objective performance metrics for policymakers or end-users.

Monetized Benefits

NYSERDA records show this project resulted in the following increased energy production per year. Please confirm or correct these amounts.

	Yes	No	Don't Know	If No, enter quantity
0 kW of Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

NYSERDA records show this project resulted in the following energy savings **IN THE FIRST YEAR**. Please confirm or correct these amounts.

	Yes	No	Don't Know	If No, enter quantity
<input type="checkbox"/> kWh of Electricity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
<input type="checkbox"/> kW of Storage Capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
<input type="checkbox"/> kW of Demand Reduction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

NYSERDA records show this project resulted in the following fuel savings in the first year. Please confirm or correct these amounts.

	Yes	No	DK
<input type="checkbox"/> 0 MMBtu of Natural Gas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Therms of Natural Gas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> MMBtu of Liquefied Natural Gas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> MMBtu of Thermal Heating	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Gallons of #2 Fuel Oil	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Gallons of #4 Fuel Oil	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Gallons of Diesel	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Gallons of Gasoline	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Gallons of Propane	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> MMBtu of Liquefied Natural Gas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Equivalent Gallons (of gasoline) of Hydrogen	<input type="checkbox"/>	<input type="checkbox"/>	

Did this project generate financial benefits?

	Yes	No	Don't Know	If Yes, enter quantity
<input type="checkbox"/> Revenue (Dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
<input type="checkbox"/> Cost savings (Dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Other Project Benefits

Your project may have generated impacts in addition to the energy, fuel, and financial impacts you have already identified. Please check any of the following impacts that may have resulted from this project.

Knowledge creation

- Environmental quality improvement (e.g. air quality improvement)
- Marketability
- Product quality or reliability improvement
- Productivity
- Air emissions
- Operations and Maintenance
- Waste management
- Reduced material costs
- Reduced labor costs
- Water quality
- Water reductions
- Other (Specify)

Attribution

On a scale of 0 to 5, where 0 = “not at all important” and 5 = “very important,” how important or unimportant was NYSERDA's assistance in the decision to do this project?

Importance of:

	Not at all important 0	1	2	3	4	Very Important 5	Don't know
NYSERDA Financial Assistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NYSERDA Technical Assistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NYSERDA Name Recognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

On a scale of 0 to 5, where 0 = “not at all likely” and 5 = “very likely,” what is the likelihood the project would have been completed without NYSERDA’s assistance?

Likelihood project would have been completed WITHOUT:

	Not at all Likely 0	1	2	3	4	Very Likely 5	Don't know
NYSERDA Financial Assistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NYSERDA Technical Assistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NYSERDA Name Recognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Replication

The next questions are concerning your experience with demonstration projects and replications. NYSERDA classifies the project previously discussed as a demonstration project.

We define a **demonstration** project as the demonstration of a new technology or process or application of an existing technology in a commercial setting. Demonstration projects are designed to showcase the value and effectiveness of the technology or process being demonstrated.

We define **replication** as an additional installation or scaling up of the technology or process demonstrated under the NYSERDA-funded project. The replication could be at the same site as the NYSERDA demonstration project or at another site. The replication could be conducted by your firm or another firm.

NYSERDA funded the \${e://Field/Project%20Name} demonstration project in \${e://Field/NEIS%20PO%20Closed%20Date}.

Since that time, has your firm or another firm replicated the technology or process from the NYSERDA demonstration project for similar or different applications? If yes, please tell us the number of replication projects that have been completed on the next page.

	Yes	No	Don't Know
Similar Applications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Different Applications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Number of Similar Application Replication Projects

Number of Different Application Replication Projects

When did the first replication project with a similar application begin? (Please enter as mm/dd/yyyy)

When did the first replication project with a similar application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Usage (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties?

- Administrative issues
- Insufficient/unavailable equipment

- Lack of consumer interest
- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

When did the second replication project with a similar application begin? (Please enter as mm/dd/yyyy)

When did the second replication project with a similar application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Production (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties?(Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest
- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

When did the third replication project with a similar application begin? (Please enter as mm/dd/yyyy)

When did the third replication project with a similar application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Production (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties?(Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest
- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

Now, let's discuss the replication projects with a different application.

When did the first replication project with a different application begin? (Please enter as mm/dd/yyyy)

When did the first replication project with a different application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Production (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

How did the application for this replication project differ from the original demonstration project?

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties? (Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest
- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

When did the second replication project with a different application begin? (Please enter as mm/dd/yyyy)

When did the second replication project with a different application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Production (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

	Yes	No	Don't Know	If Yes, Quantity generated
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

How did the application for this replication project differ from the original demonstration project?

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties? (Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest
- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

When did the third replication project with a different application begin? (Please enter as mm/dd/yyyy)

When did the third replication project with a different application end? (Please enter as mm/dd/yyyy)

Did the replication project result in increased energy production per year? If so, how much?

	Yes	No	Don't Know	If Yes, Quantity Produced
Energy Production (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did the project result in any of the following energy savings? If yes, please specify quantities.

	Yes	No	Don't Know	If Yes, Quantity saved
First year Kilowatt hours (kWh)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year Kilowatts (kW)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
First year fuel savings (MMbtu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Did this replication project generate financial benefits?

	Yes	No	Don't Know	If Yes, Quantity generated
Revenue (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Cost Savings (dollars)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

How did the application for this replication project differ from the original demonstration project?

What are the primary reasons the project was able to be replicated? (Choose all that apply)

- Technical expertise gained
- Financing available
- Location available
- Requested by building owner
- Operating conditions were right
- Demonstrable savings were achieved
- Willing participants
- Other

Were there any factors that impacted this project that could be considered barriers or difficulties? (Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest
- Lack of resources
- Location issues

- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other
- Don't know

Did the project receive NYSERDA funding?

- Yes
- No
- Don't know

Did the project receive funding from other sources?

- Yes
- No
- Don't know

Please rate your agreement or disagreement with the following statement:

“Overall, the NYSERDA-funded demonstration project was critical for developing the replication project.”

- 0 Strongly Disagree
- 1
- 2
- 3
- 4
- 5 Strongly Agree

Last Q

Which, if any, of the following are barriers prevented you from replicating the demonstration project? (Choose all that apply)

- Administrative issues
- Insufficient/unavailable equipment
- Lack of consumer interest

- Lack of resources
- Location issues
- Not meant for commercialization
- Permitting/regulatory barriers
- Production costs
- Replicated by others instead
- Replication not requested/needed
- Specialization incompatibilities
- Unproven technology
- Unsuccessful product
- Other

Do you expect the project to be replicated in the future?

- Yes
- No
- Don't know

Thank you for taking the time to respond to the survey. As every project that NYSERDA supported was different, there will likely be specific details to follow up on. Please confirm the phone number is the best to reach you to address any additional questions and details.

	Yes	No
a\${e://Field/Phone}	<input type="radio"/>	<input type="radio"/>

Please enter your phone number:

Thank you for taking the time to respond to the survey. As every project that NYSERDA supported was different, there will likely be specific details to follow up on. Please provide the best phone number to reach you to address any additional questions and details.

