

NYCIDA PROJECT COST/BENEFIT ANALYSIS
September 16, 2021

PROJECT LOCATION

MGN 1074 Grand Street LLC

1086 Grand Street

Brooklyn, New York 11234

A. Project Description:

MGN 1074 Grand Street LLC, a New York limited liability company (the "Company"). The Company is a subsidiary of MicroGrid Networks, LLC, a Delaware limited liability company ("MGN"). MGN is a developer of energy storage power projects. The Company seeks financial assistance in connection with the construction and equipping of an approximately 5-Megawatt (MW) battery storage system (consisting of 20MW hours of storage capacity) (the "Battery System"). The Battery System will be enclosed in multiple containers totaling 4,534 square feet, located on a parcel of land totaling 22,875 square feet at 1086 Grand Street in Brooklyn, New York (the "Facility"). The Facility will be operated by the Company on land leased from Grand Metro Auto Inc., a New York business corporation, and will serve as a battery storage system capable of charging from, and discharging into, the New York power grid.

B. Costs to City (New York City taxes to be exempted):

Sales Tax Exemption:	\$420,728
Total Cost to NYC	\$420,728

C. Benefit to City from Operations and

Renovation (Estimated NYC direct and indirect taxes to be generated by Company) (estimated NPV 2 years @ 6.25%): **\$1,658,337**

D. Benefit to City from Jobs to be Created

(Estimated NYC direct and indirect taxes to be generated by Company) (estimated NPV 2 years @ 6.25%): **\$25,153**

NYCIDA CORE APPLICATION

Submit your electronically completed Core Application via email to your assigned Project Manager as a Word Document file or a Word Document saved as a PDF.

A. APPLICANT OVERVIEW

Applicant Name (the "Applicant"): MGN 1074 Grand Street LLC	Name of operating company (if different from Applicant):
Operating company address: 200 Central Park S, Ste 14Q, NY, NY 10019	Website address: https://mgn.energy/
EIN #: [REDACTED]	NAICS Code: 221118
State and date of incorporation or formation: NY- 7/28/2020	Qualified to conduct business in NY? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Applicant is (check one of the following, as applicable):	
<input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Business Corporation <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Limited Liability Company <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> S Corporation	
Is Applicant publicly traded? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is Applicant affiliated with a publicly traded company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, name the affiliated company:

B. APPLICANT CONTACT INFORMATION

	Name/Title	Company	Address	Email	Phone	Primary ¹
Chief Executive Officer	Monty Bannerman	Microgrid Networks, LLC	200 Central Park S, #14Q, NY, NY 10019	[REDACTED]	[REDACTED]	<input type="checkbox"/>
Chief Operating Officer	Tim Dumbleton	Microgrid Networks, LLC	200 Central Park S, #14Q, NY, NY 10019	[REDACTED]	[REDACTED]	<input type="checkbox"/>
Chief Legal Officer	Charles Wassell	Microgrid Networks, LLC	200 Central Park S, #14Q, NY, NY 10019	[REDACTED]	[REDACTED]	<input type="checkbox"/>
Consultant/Other	Emerick Patterson	Microgrid Networks, LLC	200 Central Park S, #14Q, NY, NY 10019	[REDACTED]	[REDACTED]	<input checked="" type="checkbox"/>

C. APPLICABLE FINANCIAL ASSISTANCE

Provide the estimated value of each of the following types of Project Financial Assistance being requested. Discuss the estimation of the Requested Financial Assistance with your assigned Project Manager, if needed.

Requested Financial Assistance	Estimated Value of Requested Financial Assistance
Real Estate Tax Benefits*	\$ N/A
Sales Tax Waiver	\$ 638,000
Mortgage Recording Tax Benefit	\$ N/A

*The real estate tax benefits are a sum value of annual current property taxes over 25 years or the initial lease term (whichever is shorter) at a 3.5% growth rate.

D. APPLICANT BACKGROUND

Provide a brief description of Applicant's history and the nature of its business. Feel free to include information from Applicant's website or other official documentation describing Applicant. Include information such as when Applicant was founded, who founded the Applicant, a brief history of the Applicant, the Applicant's primary services and market, and the number of Applicant's employees in NYC and elsewhere. **Limit the description to 250 words.**

MGN 1074 Grand Street LLC ("Applicant"), a NY LLC, is a wholly owned subsidiary of Microgrid Networks, LLC ("MGN"). Established in 2017 by Monty Bannerman, MGN was created to develop, construct, and operate mission-critical distributed energy storage sites (ESS). These systems are designed for interconnecting to and operating within ConEdison's distribution networks in order increase system resiliency and the local supply of energy. With over a hundred years of cumulative experience in construction, renewal energy, and telecommunications, our NYC-based management team consists of ten employees and full-time consultants handling the acquisition, development, and logistics of identifying and permitting these facilities. Our ESS facilities provide critical local benefits that:

1. Reduce incidences of electricity brownouts and outages in the electricity network during inclement weather.
2. Provide emergency power for critical services when the electricity network experiences an actual failure.
3. Directly reduce fossil fuel operation from generation plants during peak use, providing environmental benefits.
4. Provide direct capital investment, jobs, rents, energy cost reductions, and other quality of life benefits to landowners, businesses, and residents in the neighborhood.

MGN's advanced technologies deployed at each of our facilities are specifically designed to deliver the greatest value and resiliency to the local utility network and community. ESS are a critical component of NYC/NYS' mandates supporting the massive and imminent shift into large-scale renewable energy generation. MGN is majority-owned and funded by SER Capital Partners, a private investment company responsible for making sustainable energy infrastructure investments for institutional pension funds. <https://mgn.energy/> & <https://www.sercapitalpartners.com/>

¹ Select the individual to whom questions should be directed and who may speak on behalf of Applicant.

E. PROPOSED PROJECT ACTIVITIES

Describe the proposed Project, including its purpose and Project Location, in the text box below. Refer to the example below.

MGN 1074 Grand Street LLC (“Applicant”), a New York limited liability company, is a wholly owned subsidiary of Microgrid Networks, LLC (“MGN”). The Applicant is seeking financial assistance in connection with the construction and equipping of a 5MW, 20MWh Energy Storage System (“ESS”) of approximately 4,534 square feet on a leased premises of 12,577 square feet, located at 1074 Grand St., Brooklyn, NY 11211 (the “Facility”), which is in the North Brooklyn IBZ. The Facility will be owned and operated by MGN 1074 Grand Street LLC, with the sole purpose of reducing the peak electricity load in the local Con Edison electrical system. Total project costs are expected to be approximately \$11.7 Million. MGN has site control and the ability to terminate the lease at will before or during construction. **The project is expected to be substantially complete by May, 2022.**

F. PROJECT LOCATION DETAIL

Complete this table for *each* Project Location with a distinct Block/Lot. For Projects with more than one Block/Lot, copy the Project Location table below and paste it directly underneath to complete it.

Project Location Information		
Project Address: 1074 Grand St., Brooklyn, NY 11211		Location # 1 of 4
Borough/Block/Lot: 2942 / 44	Community Board #: Brooklyn CB1	Neighborhood: North Brooklyn / Williamsburg
Square footage of land: 12,577 SF	Square footage of existing building(s): N/A	Number of Floors: N/A
How is the anticipated Project Location currently used and what percentage is currently occupied? Site was used as an auto junkyard and is now vacant.		
In the case of relocation, what will happen with Applicant’s current facility? N/A		
Does the Project Location have access to rail and/or maritime infrastructure? Close to Newtown Creek		
Is there any space at the Project Location that is currently being/will be occupied and/or used by any entity other than the Applicant or operating company, whether Affiliates or otherwise?		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, attach a separate page and provide details about tenants such as (1) name of tenant business(es) (whether Affiliates or otherwise), (2) square footage of tenant operations, (3) tenant occupancy commencement and termination dates, and (4) copies of leases, licenses, or other documents evidencing a right to possession or occupancy. For the purposes of this question, any license or other right of possession or occupancy granted by the Applicant or operating company with respect to the Project Location shall be deemed a tenancy.		

Construction Information
Construction Start Date (as defined in the Policies and Instructions): October 2021
Facility Operations Start Date (as defined in the Policies and Instructions): May 2022
Does the Project involve the construction of a new building or an expansion/renovation of an existing building? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, complete the following questions and attach a separate page and provide drawings, plans, or a description of the proposed work. See DOB Permit Set provided in document folder
Does the Project involve subsurface disturbance or excavation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Shallow excavation not to exceed 10 ft. Soil testing reports available and there are no hazardous conditions.
Anticipated square footage of Facility after construction and/or renovation: Net ESS facility will occupy 4,534 square feet of the 12,577 square foot site.
Anticipated square footage of <i>non-building improvements</i> after construction and/or renovation (e.g. parking lot construction): N/A Please describe any non-building improvements on a separate page. N/A
Square feet of wet lab space created: N/A
Square feet of wet lab space preserved: N/A
Percentage of total building size dedicated to wet lab space: N/A
Are energy efficiency improvements or the installation of a renewable energy system anticipated as part of the Project? ² The proposed Energy Storage System is the only facility that will be placed on this site.

² More information on free energy efficiency advisory services can be found [here](#).

Which of the below statements best reflects your current stage in the contractor procurement process?

A contractor has been selected and the procurement process is complete. Signed contract and procurement is done

The procurement process has begun but a contractor has not been selected. Selection is anticipated by: October 2021

The procurement process has not begun. Procurement is anticipated to begin by:

Not applicable

Percentage of tenancy expected at Facility Operations Start Date: 0

Percentage of tenancy expected six months after Facility Operations Start Date: 0

Percentage of tenancy expected 12 months after Facility Operations Start Date: 0

Percentage of tenancy expected 18 months after Facility Operations Start Date: 0

Zoning Information

Current zoning of Project Location: M3-1, The project is as-of-right

Is a zoning variance or special permit required for the Project to proceed at this Project Location? Yes No

If yes, attach a separate page and describe the zoning variance or special permit required, which agencies are involved, and the anticipated schedule for zoning approval.

Is the Project subject to any other city, state or federal approvals? Yes No

FDNY, DOB approvals needed.

If yes, attach a separate page and describe the approval required, and if applicable, list any other environmental review that may be required.

Please see ESS Permitting document in submission folder, no environmental review necessary for as of right projects.

Is the Project Location a designated historic landmark or located in a designated historic district? Yes No

Is the Project Location within the NYC Coastal Zone Boundary? Yes No

Intended use(s) of site (check all that apply): Retail % Manufacturing/Industrial 100% Office %

G. ANTICIPATED OWNERSHIP

1. Check the accurate description of the Project Location's anticipated ownership.

<input type="checkbox"/> Applicant or an Affiliate is/expects to be the Project Location's fee simple owner.	(Projected) Acquisition date:
<input checked="" type="checkbox"/> Applicant or an Affiliate leases/expects to lease the Project Location. <input checked="" type="checkbox"/> Lease is for an entire building and property. <input type="checkbox"/> Lease is for a portion of the building and/or property.	(Projected) Lease signing date: 7/31/2020 MGN has right to terminate at any time during construction – See Termination Clause
<input type="checkbox"/> Neither of the above categories fully describes Applicant's interest or intended interest in the Project Location. Describe the anticipated ownership of the Project Location premises:	

2. Does/will an Affiliate own/control the Project Location? Yes No

3. If yes, complete the table below:

Name of Affiliate: Microgrid Networks, LLC	Address of Affiliate: 200 Central Park S, #14Q, NY, NY 10019
Affiliate is a (check one of the following, as applicable):	
<input type="checkbox"/> General Partnership	<input type="checkbox"/> Limited Partnership
<input checked="" type="checkbox"/> Limited Liability Company	<input type="checkbox"/> Sole Proprietorship
<input type="checkbox"/> Business Corporation	<input type="checkbox"/> Other:
<input type="checkbox"/> S Corporation	

H. PROJECT FINANCING

1. **Sources of Financing.** Provide amounts as aggregates for all Project Locations. Add table rows, if needed.

Sources	Total Amount	Percent of Total Financing
Equity - SER Capital Partners	\$11,691,000	100%
Commercial Loan (Bank Name:)	\$0	%
New York City Public Funds	\$0	%
Source:	\$0	%
Source:	\$0	%
New York State Public Funds	\$0	%
Other:		
Total	\$11,691,000	100%

2. Mortgage amount on which tax is levied (exclude SBA 504 financing¹): *N/A*
3. Anticipated closing date between the [lender(s)]/[financing party(s)]/[financial institution(s) and/or funder(s)] and Applicant: *Equity financing is in place. However, investment is contingent upon successfully reducing budget costs and receiving the sales tax exemption.*
4. **Uses of Financing.** Provide amounts as aggregates for all Project Locations.

Uses	Total Amount	Percent of Total Financing
Land and Building Acquisition	\$375,000	3%
Construction Hard Costs (i.e. site excavation, building materials, labor, landscaping, construction materials, etc.)	\$3,155,000	27%
Construction Soft Costs (i.e. pre-planning, legal, financing, design, etc.)	\$812,000	7%
Furnishings, Fixtures, & Equipment (FF&E) and Machinery & Equipment (M&E) (i.e. generators, desks, chairs, electronic equipment, specialized manufacturing equipment, assembly equipment, etc.)	\$7,141,000	61%
FF&E purchased in NYC	\$0	
M&E purchased in NYC	\$0	
Closing Fees (Includes IDA Legal Fees)	\$232,000	2%
Other (describe):		
Total	\$11,691,000	100%

4a. Indicate anticipated budgeting of Hard Costs: Electrical: 10% Carpentry: 2% Painting: .48% Plumbing: 3%
 Excavation or Demolition: 7% Other: 1%

4b. Indicate anticipated budgeting of Soft Costs: Architecture: 2% Engineering: 4% Design: 3% Other: 2%

I. EMPLOYMENT INFORMATION

The following information will be used as part of the Agency's calculation of the Project's benefit to the City, and as a basis for comparison with the employment information that Applicant will be required to report on an annual basis for the term of the Project Agreement (as defined in the Policies and Instructions).

1. Job Creation Schedule for the Applicant

For all responses in the table below, part-time ("PT") employees are defined as those working between 17.5 and 35 hours per week on average, and full-time ("FT") employees are defined as those working 35 hours or more per week. Hourly wages in Columns E & F should represent the pay rate and are exclusive of overtime. For salaried employees, divide the annual salary by 1,820 working hours per year to calculate an hourly wage. Information included in Column C below will be used to determine eligibility for participation in the HireNYC Program. For program information, see Additional Obligations document. If eligible for the HireNYC Program participation, NYCEDC will provide additional details.

Construction Work Labor:

When the construction phase begins at 1074 Grand Street, the General Contractor and the project's associated subcontractors will hire for a duration of nine months. Employees will be required to perform work in accordance with our construction and development schedule.

Additionally, we will obtain on as-needed part-time basis service technicians, cleaning crews, superintendents, and security, dependent upon work progress.

As part of our outreach plan to encourage a higher living wage in the area, we would like to partner with HireNYC to enforce mandatory local hires for each subcontractor if they plan to place new hires on the jobsite with a minimum hourly rate of \$18.00. Our GC will be required to recruit actively qualified MWBE subcontractors as well.

Dependent on the construction progress, we estimate that an average 12-15 construction employees will be hired onsite by subcontractors, with a peak of 27 construction professionals. Estimated hourly rates below received by contractors:

Category	Hourly Rate	Fringe Rate	Total Rate:	Avg Workers:
Electrical Rate	\$65.00	\$60.00	\$125.00	6 Workers
Mechanical Rate:	\$66.00	\$64.00	\$130.00	2 Workers
Laborer Rate:	\$35.00	\$12.00	\$47.00	5 Workers
Field Specialist Rate:	\$95.00	\$65.00	\$160.00	3 Workers
Superintendent Rate:	\$40.00	\$14.00	\$54.00	1 Worker

A Job Category	B # of NYC jobs retained by Project	C # of jobs to be added in each year at Project Location in first 3 years of operation <i>to be employed by Applicant</i>			D Total # of Jobs at Project Location in first 3 years of operation (Sum of all Columns B and C)	E Average hourly wage for Year 1	F Lowest hourly wage for Year 1	G Average Fringe Benefit for retained jobs	H Average Fringe Benefit for created jobs
		Year 1: 2021	Year 2: 2022	Year 3: 2022					
FT Executive level									
FT Manager level	0	0	0	0	0	\$48.00		\$14.00	
FT Staff level	1	0	0	1	1	\$35.00		\$12.00	
Total FT Employees	1	0	0	1	1	\$41.50	\$35.00	\$12.50	
Total PT Employees	1	1	0	0	2	\$35.00	\$18.00	\$	

¹ The SBA 504 Loan Program, administered by the Small Business Administration, is designed to provide small businesses with long-term financing to acquire and improve major fixed assets, such as owner-occupied commercial real estate and heavy machinery.

2. Job Creation Schedule for tenants at the Facility not affiliated with the Applicant: **N/A**

A Job Category	B # of NYC jobs retained by Project	C # of jobs to be added in each year at Project Location in first 3 years of operation			D Total # of Jobs at Project Location in first 3 years of operation (Sum of all Columns B and C)	E Average hourly wage for Year 1	F Lowest Hourly Wage for Year 1	G Average Fringe Benefit for retained jobs	H Average Fringe Benefit for created jobs
		Year 1: 2020	Year 2: 2020	Year 3: 2020					
FT Employees	n/a					\$	\$	\$	\$
PT Employees	n/a					\$	\$	\$	\$

3. Of the Total Jobs at Project Location in Column D in Table 1, how many employees are/will be NYC residents? **All**
4. How many employees at the Project Location will be paid below living wage² at Project Start Date (as defined in the Policies and Instructions)? **None**
5. Does the Project currently have, or anticipate having, contract or vendor employees³ at the Project Location? Yes No
6. Generally describe all other forms of compensation and benefits that permanent employees will receive (i.e. healthcare, employer contributions for retirement plans, on-the-job training, reimbursement for educational expenses, etc.). **Permanent employees employed by contractors will be entitled to NYS Sick Time, paid holidays, medical, dental, retirement, and vacations benefits delineated in their employment contract.**
7. Will Applicant or any of its Affiliates be required to provide health coverage to its employees pursuant to the federal Patient Protection and Affordable Care Act (the "Act")? Yes No
- If yes, provide an overview of the applicable requirements under the Act and an explanation of how Applicant plans to comply with such requirements. If no, explain why and provide a FT employee count using the Act "[FTE Employee Calculator](#)".
- There are only 5 full time employees on payroll, others are paid contractors.**
8. Is Applicant currently providing paid sick time to employees in accordance with the Earned Sick Time Act (Chapter 8 of Title 20 of the NYC Administrative Code) and otherwise in compliance with such law? Yes No
- If yes, provide an explanation of your company's paid and unpaid sick time policy. If No, explain why and provide a table which outlines the number of anticipated employees and hours worked per calendar year.⁴
- As per NYC labor laws, 5 sick days accrued per year.**
9. Will the Project use an apprenticeship program approved by the New York State Department of Labor? Yes No

J. LABOR

Applicant and its Affiliates hereinafter will be referred to collectively as the "Companies" or individually as a "Company." If none of the following questions applies to any of these Companies, answer *No*. For any question that does apply, be sure to specify to which of the Companies the answer is relevant.

- Has any of the Companies during the current calendar year or any of the five preceding calendar years experienced labor unrest situations, including actual or threatened labor strikes, hand billing, consumer boycotts, mass demonstrations or other similar incidents?

Yes No If Yes, explain on an attached sheet.
- Has any of the Companies received any federal and/or state unfair labor practices complaints asserted during the current calendar year or any the five calendar years preceding the current calendar year?

Yes No If Yes, describe and explain current status of complaints on an attached sheet.
- Do any of the Companies have pending or threatened requests for arbitration, grievance proceedings or other labor disputes during the current calendar year or any of the five calendar years preceding the current calendar year?

Yes No If Yes, explain on an attached sheet.
- Are any of the Companies' employees *not* permitted to work in the United States?

Yes No If Yes, provide details on an attached sheet.

² For information regarding living wage, see Additional Obligations document.

³ Contract or vendor employees are independent contractors (i.e. persons who are not "employees") or are employed by an independent contractor, who provide services at a Project Location.

⁴Information on the Paid Sick Leave Law can be found [here](#).

5. Is there any period for which the Companies did not complete and retain, or do not anticipate completing and retaining, all required documentation related to this inquiry, such as Employment Eligibility Verification (I-9) forms?
 Yes No If "Yes," explain on an attached sheet.
6. Has the United States Department of Labor, the New York State Department of Labor, the New York City Office of the Comptroller or any other local, state or federal department, agency or commission having regulatory or oversight responsibility with respect to workers and/or their working conditions and/or their wages, inspected the premises of any Company or audited the payroll records of any Company during the current or preceding three year calendar years?
 Yes No. If "Yes," use an attached sheet to briefly describe the nature and date of the inspection and the inspectin governmental entity. Briefly describe the outcome of the inspection, including any reports that may have been issued and any fines or remedial or other requirements imposed upon any of the Companies as a consequence.
7. Has any of the Companies incurred, or potentially incurred, any liability (including withdrawal liability) with respect to an employee benefit plan, including a pension plan?
 Yes No If "Yes," use an attached sheet to quantify the liability and briefly describe its nature. Refer to any governmental entities that have had regulatory contact with the Company in connection with the liability.
8. Are the practices of any of the Companies now, or have they been at any time during the current or preceding five calendar years, the subject of any complaints, claims, proceedings or litigation arising from alleged discrimination in the hiring, firing, promoting, compensating or general treatment of employees?
 Yes No If "Yes," provide details on an attached sheet. Note "discrimination" includes sexual harassment.

K. FINANCIALS -

1. Has Applicant, Affiliate(s), Principal(s), or any close relative of any Principal(s), ever received, or is any such person or entity currently receiving, financial assistance or any other kind of non-discretionary benefit from any Public Entities?
 Yes No If Yes, provide details on an attached sheet.
2. Has Applicant, or any Affiliate or Principal, or any existing or proposed occupant at the Project Location(s), obtained, or is any such person or entity in the process of obtaining, or contemplating obtaining, other assistance from the NYCIDA/Build NYC and/or other Public Entities?
 Yes No If Yes, provide details on an attached sheet. NYSERDA Bridge Incentive
3. Has Applicant, or any Affiliate or Principal, ever defaulted on a loan or other obligation to a Public Entity?
 Yes No If Yes, provide details on an attached sheet.
4. Has real property in which Applicant, or Affiliate or Principal, holds or has ever held an ownership interest and/or controlling interest of 25 percent or more, now or ever been (i) the subject of foreclosure (including a deed in lieu of foreclosure), or (ii) in arrears with respect to any type of tax, assessment or other imposition?
 Yes No If Yes, provide details on an attached sheet.
5. Does Applicant, or any Affiliate or Principal, have any contingent liabilities not already covered above (e.g., judgment liens, lis pendens, other liens, etc.)? Include mortgage loans and other loans taken in the ordinary course of business only if in default.
 Yes No If Yes, provide details on an attached sheet.
6. Has Applicant, or any Affiliate or Principal, failed to file any required tax returns as and when required with appropriate governmental authorities?
 Yes No If Yes, provide details on an attached sheet.
7. In the table below, provide contact information for Applicant's references. If the space provided below is insufficient, provide complete information on an attached sheet. List any "Major Customers" (those that compose more than 10% of annual revenues) and any "Major Suppliers" (those that compose more than 10% of goods, services, and materials).

Reference Type	Company Name	Address	Contact Person	Phone	Fax	Email	% of Revenues
Major Customers	Con Edison	PO BOX 1003 Spring Valley, NY 10977	Margarita Shabelskaia				100%
							%
Major Suppliers	Fluence Energy	4601 N Fairfax Dr, Ste 600 Arlington, VA22203	Menekse Sevinc				50%
	Siemens Energy, Inc	4601 Six Forks Rd, Ste 500 S Tower Raleigh, NC 2706	Bartholomew Mandaglio				10%
Banks	M&T Bank	350 Park Ave, 5 th Fl, NY, NY 10022	Shalah Ahmed				

L. ANTI-RAIDING -

1. Will the completion of the Project result in the relocation of any plant or facility located within New York State, but outside of New York City, to New York City? Yes No

If "Yes," provide the names of the owners and addresses of the to-be-removed plant(s) or facility(ies):

2. Will the completion of the Project result in the abandonment of any plants or facilities located in an area of New York State other than New York City? Yes No

If "Yes," provide the names of the owners/operators and the addresses of the to-be-abandoned plant(s) or facility(ies):

If the answer to question 1 or 2 is "Yes," answer questions 3 and 4.

3. Is the Project reasonably necessary to preserve the competitive position of this Applicant, or of any proposed occupants of the Project, in its industry? Yes No

4. Is the Project reasonably necessary to discourage Applicant, or any proposed occupant of the Project, from removing such plant or facility to a location outside New York State?

Yes No

If the answer to question 3 or 4 is "Yes," provide a detailed explanation on a separate sheet of paper.

M. COMPLIANCE WITH LAW -

1. The Applicant and any owner or occupant of the proposed project is in substantial compliance with applicable local, state and federal tax, worker protection and environmental laws, rules and regulations. Yes No
2. The proposed project, as of the date of this application, is in compliance with all provisions of Article 18-A of the General Municipal Law, including, but not limited to the provisions of Section 859-a and Section 862(1) thereof. Yes No

N. ADDITIONAL QUESTIONS

1. Is the Applicant considering alternative Project Locations outside of New York City? Yes No

a. If "Yes," where?

2. What uses are being considered for the Project Location other than those described in the Proposed Project Activities? *N/A*

3. How does the Applicant intend to utilize the tax savings provided through the NYCIDA?

The funds saved through the IDA sales tax benefit would directly reduce the capital expenditures on the project. The overall cost of the project, due to a combination of interconnection, labor and supply costs, has increased to a level where the project is not economically viable without the sales tax exemption. This sales tax benefit will ensure the ability for this provide the City of New York with the employment and related economic benefits of the project described herein. Additionally, any property tax benefit to MGN would also help ensure that operational margins are at a sustainable level and help recoup project costs in a reasonable time frame.

4. What are the primary sources of revenue supporting Applicant's operations?

- a. Con Edison VDER Tariff
- b. DLM (Demand Load Management)
- c. NYSERDA Bridge Incentive

2. If the Applicant's income statement categorizes any revenues as "Other operating revenues," describe what revenues are captured in that category: *N/A*

3. If the Applicant's income statement categorizes any revenues as "Other general and administrative," describe what revenues are captured in that category:

N/A

CERTIFICATION

I, the undersigned officer/member/partner of Applicant, on behalf of Applicant and its Affiliates, hereby request, represent, certify, understand, acknowledge and agree as follows:

I request that this Application, together with all materials and data submitted in support of this Application (collectively, these "Application Materials"), be submitted for review to the Agency's Board of Directors (the "Board"), in order to obtain from the Board an expression of intent to provide the benefits requested herein for the Project.

I certify that I have the authority to sign these Application Materials on behalf of, and to bind, Applicant and its Affiliates.

I certify under penalty of perjury to the best of my knowledge and belief, after due investigation, that the information contained in these Application Materials is accurate, true and complete and does not contain a misstatement of a material fact or omit to state a material fact necessary to make the statements contained herein not misleading. I understand that an intentional misstatement of fact, or, whether intentional or not, a material misstatement of fact, or the providing of materially misleading information, or the omission of a material fact, may cause the Board to reject the request made in the Application Materials. I understand that the Agency will rely on the information contained within these Application Materials in producing and publishing a public notice and convening a public hearing. If any information in these Application Materials is found to be incorrect, Applicant may have to provide new information and a new public notice and public hearing may be required. If a new public notice and public hearing is required, they will be at Applicant's expense.

I acknowledge that the submission of any knowingly false or knowingly misleading information may lead to the immediate termination of any financial assistance and the reimbursement of an amount equal to all or part of any tax exemptions claimed by reason of Agency involvement in the project.

I understand the following: that Applicant and Principals will be subject to a background check and actual or proposed subtenants may be subject to a background check, and if such background check performed by the Agency with respect to Applicant or any Affiliates reveals negative information, Applicant consents to any actions that the Agency or NYCEDC may take to investigate and verify such information; that the Agency may be required under SEQRA to make a determination as to the Project's environmental impact and that in the event the Agency determines that the Project will have an environmental impact, Applicant will be required to prepare, at its own expense, an environmental impact statement; that the decision of the Board to approve or to reject the request made in the Application Materials is a discretionary decision; that no Bonds may be issued (if Bonds are being requested) unless such Bonds are approved by the Mayor of the City; that under the New York State Freedom of Information Law ("FOIL"), the Agency may be required to disclose the Application Materials and the information contained therein (see the Disclosure Policy section of the Policies and Instructions document provided to Applicant and signed by Applicant on or about the date hereof (the "Policies and Instructions")); and that Applicant shall be entirely responsible and liable for the fees referred to in these Application Materials.

I further understand and agree as follows:

That notwithstanding submission of this Application, the Agency shall be under no obligation to present Applicant's proposed Project to the Board for approval. If the Agency presents Applicant's proposed Project to the Board for approval, the Agency does not guaranty that such approval will be obtained. If upon presenting Applicant's proposed Project to the Board for approval the Agency obtains such approval, such approval shall not constitute a guaranty from the Agency to Applicant that the Project transaction will close.

That preparation of this Application and any other actions taken in connection with the proposed Project shall be entirely at Applicant's sole cost and expense. Under all circumstances, the Application Fee is non-refundable, including but not limited to the circumstance where the Agency decides, in its sole discretion, to not present Applicant's proposed project to the Board for Approval.

That each of Applicant and each of its Affiliates (collectively, the "Indemnitors") hereby releases the Agency and NYCEDC and their respective directors, officers, employees and agents (collectively, the "Indemnitees") from and against any and all claims that any Indemnitor has or could assert and which arise out of, or are related to, any Application Materials, any actions taken in connection therewith or any other actions taken in connection with the proposed Project (collectively, the "Actions"). Each Indemnitor hereby indemnifies and holds harmless each of the Indemnitees from and against any and all claims and damages brought or asserted by third parties, including reasonable attorneys' fees, arising from or in connection with the Actions. As referred to herein, "third parties" shall include, but shall not be limited to, Affiliates.

That in the event the Agency discloses the Application Materials in response to a request made pursuant to FOIL, Applicant hereby authorizes the Agency to make such disclosure and hereby releases the Agency from any claim or action that Applicant may have or might bring against the Agency, their directors, officers, agents, employees and attorneys, by reason of such disclosure; and that Applicant agrees to defend, indemnify and hold the Agency and the NYCEDC and their respective directors, officers, agents, employees and attorneys harmless (including without limitation for the cost of reasonable attorneys' fees) against claims arising out of such disclosure as such claims may be made by any party including Applicant, Affiliate, Owner or Principal, or by the officers, directors, employees and agents thereof.

That capitalized terms used but not defined in this Application have the respective meanings specified in the Policies and Instructions.

I acknowledge and agree that the Agency reserves its right in its sole and absolute discretion to request additional information, waive any requirements set forth herein, and/or amend the form of this Application, to the full extent permitted by applicable law.

Requested, Represented, Certified, Acknowledged, Understood and Agreed by Applicant,

I certify that, using due care, I know of no misstatement of material fact in the Application Materials, and know of no material fact required to be stated in the Application Materials to make the statements made therein not misleading. **Certified by Preparer,**

This 19th day of July, 2021 . _____

This 19th day of July, 2021 . _____

Name of Applicant: MGN 1074 Grand Street LLC

Name of Preparer: _____

Signatory: Timothy Dumbleton

Signatory: _____

Title of Signatory: COO, Microgrid Networks LLC

Title of Signatory: _____

Signature: _____

Signature: _____

Submit the following attachments to your Core Application by the Application Deadline associated with your targeted Board Meeting date.

- A. **Full Environmental Assessment Form or Short Environmental Assessment Form** (SEAF, provided by the NYCIDA)
- B. Completed **Environmental Audit Report (Phase I)** certified to the NYCIDA. Based upon the NYCIDA's review, a Phase II may be requested.
- C. **Internal Background Investigation Questionnaire** (provided by the NYCIDA). Complete the form for Applicant and any Affiliate. Mail the final page (notarized) with the original signature to:
Strategic Investments Group
NYCEDC
110 William Street
New York, NY 10038
- D. **Doing Business Data Form** (Provided by NYCIDA)
- E. Past three years of **financial statements** for Applicant, Affiliates, and/or guarantors (as applicable). If your financials have line items noted as "Other," provide a short description explaining what the line item entails.
- F. **Operating Pro Forma** for three years following Facility Operations Start Date, or until solvency
- G. Past four calendar quarters of **NYS-45 MN or ATT filings** of Applicant and its Affiliates. Redact employee names and Social Security numbers or provide NYS-45 MN summary page.
- H. Current **payroll** (or Affiliate payroll if operations comparable).
- I. **Hiring, professional development, and promotion policies**
- J. Signed **Inducement Letter** on company letterhead. Letter should include a brief description of Applicant, the Project, a determination that the Project would not be completed without receiving the Agency's benefits, and the immediate impact of the Project (500 word limit).
- K. **Short Bios** for CEO, CFO, and chairperson that include employment history and education.
- L. **Contract of Sale/Lease Agreement** for acquiring title or leasehold title to the Project Location.
- M. Executed **Commitment Letter or Term Sheet** from financial institution(s) providing financing that clearly indicates portion(s) in connection with which assistance is being sought.
- N. **Organizational Chart** of Applicant and Affiliates.
- O. **Non-refundable \$5,000 application fee** payable to the NYCIDA, mailed to
Strategic Investments Group
NYCEDC
110 William Street
New York, NY 10038
- P. Policies and Instructions document **signature page** (provided by the NYCIDA)
- Q. Additional Obligations document **signature page** (provided by the NYCIDA)
- R. **Letter of community support**, if applicable
- S. Copy of **Acord Certificate of Liability Insurance**. - Chick

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Appendix B
Short Environmental Assessment Form

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information			
Name of Action or Project:			
Project Location (describe, and attach a location map):			
Brief Description of Proposed Action:			
Name of Applicant or Sponsor:		Telephone: [REDACTED]	
		E-Mail: [REDACTED]	
Address:			
City/PO:		State:	Zip Code:
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO
			YES
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval:			NO
			YES
3.a. Total acreage of the site of the proposed action? _____ acres			
b. Total acreage to be physically disturbed? _____ acres			
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres			
4. Check all land uses that occur on, adjoining and near the proposed action.			
<input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____			
<input type="checkbox"/> Parkland			

5. Is the proposed action, a. A permitted use under the zoning regulations?	NO	YES	N/A
b. Consistent with the adopted comprehensive plan?			
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO	YES	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____ _____	NO	YES	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation service(s) available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	NO	YES	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO	YES	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____	NO	YES	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ _____	NO	YES	
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places? b. Is the proposed action located in an archeological sensitive area?	NO	YES	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO	YES	
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban			
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES	
16. Is the project site located in the 100 year flood plain?	NO	YES	
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? <input type="checkbox"/> NO <input type="checkbox"/> YES b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: <input type="checkbox"/> NO <input type="checkbox"/> YES _____ _____	NO	YES	

18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____ _____ _____	NO	YES
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____ _____	NO	YES
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ _____ _____	NO	YES
I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE Applicant/sponsor name: _____ Date: _____ Signature: _____		

Part 2 - Impact Assessment. The Lead Agency is responsible for the completion of Part 2. Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept “Have my responses been reasonable considering the scale and context of the proposed action?”

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?		
2. Will the proposed action result in a change in the use or intensity of use of land?		
3. Will the proposed action impair the character or quality of the existing community?		
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?		
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?		
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?		
7. Will the proposed action impact existing: a. public / private water supplies? b. public / private wastewater treatment utilities?		
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?		
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?		

	No, or small impact may occur	Moderate to large impact may occur
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?		
11. Will the proposed action create a hazard to environmental resources or human health?		

Part 3 - Determination of significance. The Lead Agency is responsible for the completion of Part 3. For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.
- Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

_____	_____
Name of Lead Agency	Date
_____	_____
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
_____	_____
<i>Jennifer Rimmer</i> Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)