



BUREAU OF FIRE SERVICES

VILLAGE OF STILLWATER, NEW YORK

1 School Street P.O. Box 507
Stillwater NY, 12170-0507

APPLICATION FOR ENERGY STORAGE SYSTEM OPERATING PERMIT

NOTICE: An inspection is required for ALL operating permits BEFORE issuance of a permit.

APPLICANT & PROPERTY OWNER INFORMATION

DATE: ___ / ___ / ___

1. Name/Title of Person filling out this Permit application: _____

2. Name of Organization submitting this Permit (if applicable): _____

3. Mailing Address of Applicant: _____

4. Applicant Contact Telephone Numbers: _____

5. Email Address of Applicant: _____

6. Name of property owner: _____

7. Address and contact number of property owner:
_____ () _____

6. Name(s) and contact number(s) of assigned Fire Mitigation Personnel:

Name: _____ Number: _____

Name: _____ Number: _____

Name: _____ Number: _____

Name: _____ Number: _____

Name: _____ Number: _____

ENERGY STORAGE SYSTEM INFORMATION

Property address for system location: _____

Location on property: _____

Is the system in a parking garage: YES () NO ()

Is the system on a roof top: YES () NO ()

Is this a mobile energy storage system: YES () NO ()

Are there multiple energy storage systems: YES () NO () if so, how many: _____

Are there mixed electrochemical energy systems: YES () NO ()

QUANTITIES OF ELECTROCHEMICAL ENERGY STORAGE SYSTEMS

TECHNOLOGY	MAXIMUM ALLOWABLE QUANTITIES ^a	LIST YOUR ENERGY STORAGE SYSTEM'S QUANTITIES
STORAGE BATTERIES		
Lead-acid, all types	Unlimited	
Nickel-cadmium (Ni-Cd)	Unlimited	
Nickel metal hydride (Ni-MH)	Unlimited	
Lithium-ion	600 kWh	
Flow batteries ^b	600 kWh	
Other battery technologies	200 kWh	
CAPACITORS		
All types	20 kWh	
OTHER ELECTROCHEMICAL ENERGY STORAGE SYSTEM		
All types	20 kWh	

- a. For electrochemical energy storage system units rated in Amp-Hours, kWh shall equal rated voltage times the Amp-hour rating divided by 1,000.
- b. Shall include vanadium, zinc-bromine, polysulfide-bromide, and other flowing electrolyte type technologies.

Are the disconnecting means within sight of the main electrical service disconnecting means:

YES () NO ()

Is the electrochemical energy storage system(s) water reactive: YES () NO () N/A ()

Description of energy storage management system and its operation:

Description of monitoring systems:

Energy Storage Systems in Group R-3, and R-4 Occupancies

NOTES:

*** Toxic and Highly Toxic Gas** (NYS Fire Code 1206.18.10). Energy storage systems that have the potential to release toxic or highly toxic gas during charging, discharging and normal use conditions shall not be installed within Group R-3 and R-4 occupancies.

*** Electric Vehicle Use** (NYS Fire Code 1206.18.11). The temporary use of an owner or occupant's electric powered vehicle to power a dwelling unit or sleeping unit while parked in an attached or detached garage or outside, shall comply with the vehicle manufacturer's instructions and NFPA 70. The batteries on electric vehicles shall not contribute to the aggregate energy limitations in Section 1206.18.4.

Attachments A through E must be submitted for all permit applications.

Attachment F must be submitted for any Mobile Energy Storage System permit application.

Attachment A: Picture of name plate.

Attachment B: Copy of the most recent fire suppression system inspection.

Attachment C: Site Plan/Area Map.

Attachment D: Property owner permission letter

Attachment E: Most recent decommissioning plan

Attachment F: Deployment Documents for mobile energy storage system 1206.17.4.1

APPLICATION FOR ENERGY STORAGE SYSTEM OPERATING PERMIT

Attachment D

Property Owner Permission Letter

To: The Bureau of Fire Services
Village of Stillwater
P.O. Box 507
1 School Street
Stillwater NY, 12170-0507

I _____ am the owner of the
property located at _____,
Tax Map Parcel ID # _____. I have reviewed this Application
for Energy Storage System Operating Permit hereby give my permission to operate
an energy storage system on my property. I can be contacted by phone at
(____) _____ and by email at _____.

Thank You,

Property Owner

APPLICATION FOR ENERGY STORAGE SYSTEM OPERATING PERMIT

Attachment F

Deployment Documents for Mobile Energy Storage System(s)

The following information shall be provided for any Mobile Energy Storage System(s) permit applications:

1. Relevant information for the mobile energy storage system equipment and protection measures in the construction documents required by Section 1206.4 of the 2020 NYS FIRE CODE.
2. Location(s) and layout diagram(s) of the area(s) in which the mobile energy storage system is to be deployed, including a scale diagram of all nearby exposures.
3. Location and content of signage, including no smoking signs and signage complying with Section 1206.11.8 of the 2020 NYS FIRE CODE.
4. Description of fencing to be provided around the energy storage system, including locking methods.
5. Details on fire suppression, smoke and automatic fire detection, system monitoring, thermal management, exhaust ventilation, and explosion control, if provided.
6. The intended duration of the deployment operation, including anticipated connection and disconnection times and dates.
7. Location and description of local staging stops during transit to the deployment site. See Section 1206.17.7.5 of the 2020 NYS FIRE CODE .
8. Description of the temporary wiring, including connection methods, conductor type and size, and circuit overcurrent protection to be provided.
9. Description of how fire suppression system connections to water supplies or extinguishing agents are to be provided.
10. Contact information for personnel who are responsible for maintaining and servicing the equipment and responding to emergencies as required by Section 1206.7.1 of the 2020 NYS FIRE CODE.

NOTES:

* **Approved Locations** (NYS Fire Code 1206.17.5). Locations where mobile energy storage systems are charged, stored and deployed shall be restricted to the locations established on the building permits and operating permits.

* **Local Staging** (NYS Fire Code 1206.17.5.1). Mobile energy storage systems in transit from the charging and storage location to the deployment location and back shall not be parked within 100 feet (30 480 mm) of an occupied building for more than one hour during transit, unless specifically permitted by Section 1206.17.3 of the 2020 NYS FIRE CODE.