



**TOWN OF HIGHLAND PARK**  
**ELECTRICAL ENERGY STORAGE SYSTEMS PERMITTING AND**  
**INSTALLATION PROCEDURES**

All Electrical Energy Storage Systems (ESS) in the Town of Highland Park must adhere to permitting and installation requirements. An ESS construction and/or operational permit are required for all ESS. All plans will be reviewed and approved by the Fire Code Official or his designee. Failure to submit all required documentation during plan review will delay the project and in certain circumstances may require additional fees. The below steps and guidelines must be followed to successfully obtain project approval.

1. Submit plans for review to the Fire Code Official or his designee accompanied with required documentation listed in the International Fire Code, section 1207.1.3 Construction Documents #1-10.
2. Individual Energy Storage System units shall not exceed 20 kWh.
3. The maximum aggregate rating amount for the entire residential dwelling (one- or two-family dwellings or townhouse units) shall not exceed 80 kWh.
4. Rooms and other indoor areas require Fire-resistance-rated separations (1207.7.4) and vehicle impact protection (1207.4.5).
5. Approved signage shall be designed to meet the requirements of section 1207.4.8 and NFPA 70.
6. All Energy Storage Systems installations shall adhere to all spacing requirements.
7. When required by UL 9540 listing, an approved Energy Storage Management System shall be provided in accordance with the International Fire Code, section 1207.3.4.
8. All installations require proof of compliance with the current Underwriter's Laboratory 9540A Test report, its revisions, or its successor for each individual project's specific Energy Storage System installation. The current UL 9540A, or its successor report shall include project specific design and installation configuration.
9. All rooms containing Energy Storage Systems require an approved smoke or radiant energy-sensing fire detecting system complying with the Town of Highland Park's current Fire code.
10. All indoor rooms containing Energy Storage System require an approved automatic sprinkler system complying with the Town of Highland Park's current Fire code.
11. All ESS systems must comply with the Town of Highland Park installation requirements for new installation, replacement, or modification of any existing Energy Storage System. (1207.3.8)
12. After all documents are reviewed and required alarm/sprinkler permits obtained, the ESS construction and/or operational permit will be approved through MyGov.
13. Any attempt to defraud or otherwise intentionally or knowingly violate the requirements prescribed by this procedure constitutes a violation. Such violations will be cause for immediate revocation of permits for the ESS issued by the Authority Having Jurisdiction.

**Contact information:**  
fireprotectionsystems@hpdps.org



**TOWN OF HIGHLAND PARK**  
**ENERGY STORAGE SYSTEM INSPECTION PROCEDURES**

1. All rough inspections shall be requested to the Fire Code Official or his designee through the MyGov online portal and email.
2. All final inspections shall be requested to the Fire Code Official or his designee through the MyGov online portal and email.
3. Final approval for the installation of an Energy Storage System shall be determined by the Authority Having Jurisdiction from the recommendation from the Fire Code Official.
4. The Authority Having Jurisdiction reserves the right to revoke a permit or approval issued if any violation of this standard is found on inspection or where the ESS is not in accordance with the approved plans and specifications on which the permit or approval was based.

Installation Company: \_\_\_\_\_

Representative Signature: \_\_\_\_\_

Property Owner: \_\_\_\_\_

Owner Signature: \_\_\_\_\_