BATTERY ENERGY STORAGE SYSTEM BUILDING PERMIT APPLICATION

Community and Economic Development
City of Arlington • 18204 59th Ave NE • Arlington, WA 98223 • Phone (360) 403-3551

The following information is required for Tier 1, Tier 2, and Tier 3 Battery Energy Storage System Permit Applications. Mark each box to designate that the information has been provided. Please submit this checklist as part of the submittal documents.

SUBMIT ELECTRONIC FILES FOR EACH OF THE FOLLOWING; ***Incomplete applications will not be accepted.***

For Tier 1 projects a Zoning Verification must be completed and approved prior to building permit submittal. Tier 2 and 3 projects require a land use permit.

REQUIRED DOCUMENTS

- ☐ Site Plan
- ☐ Architectural Floor Plan
- ☐ Manufacturer's Specifications, Ratings and Listings
- ☐ Installation Instructions (including support arrangement and seismic support)
- ☐ Operations and Maintenance Manual
- ☐ Details of Fire Suppression, Smoke or Fire Detection, Gas Detection, Thermal Management, Ventilation, Exhaust, and Deflagration Venting Systems, if provided
- ☐ Details of Hourly Fire-Resistant-Rated Assemblies
- ☐ Hazardous Mitigation Analysis, if applicable
- ☐ Emergency Operations Plan: Tier I and Tier 2, if required
- ☐ Commissioning Plan: Tier 1 and Tier 2, if required

Commissioning Report Shall be Provided to the City of Arlington Prior to Final Inspection and Approval

Plan Review fee is due at time of submittal and remaining balance will be due at time of issuance.

The City of Arlington does not review or inspect electrical systems. Contact Labor and Industries at lni.wa.gov or 360-416-3000.

A. DEFERRED SUBMITTALS

If the project requires any of the following, a Deferred Submittal Request MUST be completed. Deferred submittals require separate applications, plans, and plan review.

1. Fire Sprinkler
2. Fire Alarm

B. SPECIAL INSPECTION AND TESTING AGREEMENT

A Special Inspection Firm is required to perform special inspections for the following type of work.
*The Special Inspection and Testing Agreement MUST be submitted with the Building Application.

- ☐ Reinforced Concrete
- ☐ Bolting in Concrete
- ☐ Pre-stressed Concrete
- ☐ Shotcrete
- ☐ Structural Masonry
- ☐ Structural Steel and Welding
- ☐ High-Strength Bolting
- ☐ Spray-Applied Fireproofing
- ☐ Smoke-Control Systems
- ☐ Other - Specify: _____

☐ ***I acknowledge that all items designated as submittal requirements must accompany my Battery Energy Storage System Permit Application to be considered a complete submittal.***

BATTERY ENERGY STRORAGE SYSTEM

Type of Permit: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3

Total System Capacity Rating _____ kWh **Power Rating _____kW**

Battery Type _____

Property Address: _____ Project Valuation: _____

Lot #: _____ Parcel ID No.: _____ Subdivision: _____

Project Scope of Work:

IBC Construction Type: _____ IBC Occupancy Type: _____ Building Square Footage: _____

Primary Contact: ☐ Owner ☐ Architect ☐ Engineer ☐ Contractor

Owner Name: _____ Office No.: _____

Email Address: _____ Cell No.: _____

Mailing Address: City: State: Zip:

Architect Name: _____ Office No.: _____

Email Address: _____ Cell No.: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

Professional License Number: Expiration Date:

Engineer Name: _____ Office No.: _____

Email Address: _____ Cell No.: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

Professional License Number: Expiration Date:

Primary Contractor: _____ Office No.: _____

Email Address: _____ Cell No.: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

L&I Contractor License Number: Expiration Date:

I hereby certify that the above information is correct and that the construction on, and the occupancy and the use of the above-described property will be in accordance with the laws, rules and regulation of the State of Washington.

Signature Print Name Date

BATTERY ENERGY STRORAGE SYSTEM

DESIGN REQUIREMENTS

GENERAL REQUIREMENTS

1. Include all applicable codes on the cover sheet of the project.
2. Include the complete scope of work on the cover sheet of the project.
3. Include a legend or key for the site plan and floor plan.
4. Minimum plan size is 18" x 24" and maximum plan size is 30" x 42".
5. Plans shall be on standard drafting paper.
6. All plan sheets shall be the same size and sequentially labeled.
7. Plans are required to be legible with scaled dimensions, indelible ink, blue line, or other professional media.
8. Plans will not be accepted that are marked preliminary or not for construction, that have red lines, cut and paste details or those that have been altered after the design professional has signed.

SITE PLAN REQUIREMENTS

1. Drawing shall be prepared to scale, not to exceed 1" = 20'.
2. Provide property legal description and show property lines.
3. Provide dimensions from the property lines to building and equipment.
4. Show building and equipment setbacks and easements.
5. Provide topographical map of the existing grades and the proposed finish grades with maximum five (5) feet elevation contour lines.
6. Show the location of all underground utilities including water, sewer, gas and electrical.
7. Provide the total number, location(s), and type(s) of ESS.
8. Provide the location of all structures and the location where the system is to be installed.
9. Provide the location and content of required signage.
10. Show conduit/cable routing of battery energy storage system.
11. Include underground trench detail.
12. Show method and location of required ventilation equipment (if required).
13. Flood hazard areas, floodways, and design flood elevations if applicable.

FLOOR PLAN REQUIREMENTS

1. Provide location of new equipment for the battery energy storage.
2. Provide the total number, location(s), and type(s) of ESS.
3. Show existing equipment for interconnection.
4. Provide the location and content of required signage.
5. Show required working clearances for all existing and new electrical equipment.
6. Show whether the equipment is to be installed indoors or outdoors.
7. Show method and location of required ventilation equipment (if required).
8. Show method of protection from physical damage for the battery energy storage system.
9. Show means of access to the battery energy storage system.
10. Denote whether conductors are routed indoors or outdoors.