Statement of Compliance with AMC 20.114.150

As a Tier 3 project, the Snohomish PUD BESS Project must comply with AMC 20.114.150 as follows:

20.114.150 – Permitting Requirements for Tier 3 Battery Energy Storage Systems

a. Tier 3 Battery Energy Storage Systems are allowed only in General Industrial (GI) zones, in conjunction with a Conditional Use Permit. Tier 3 systems shall be set back five hundred (500) feet from any residentially zoned property, provide security fencing, and be screened from view from adjacent property and the public Right of Way. All Tier 3 Battery Energy Storage Systems shall adhere to the most current edition of the following Codes, Standards and Test Methods:
    1. 2021 International Fire Code® (IFC)
    2. 2021 NFPA 1, Fire Code (NFPA 1)
    3. 2023 NFPA 855, Standard for the Installation of Stationary Energy Storage Systems (NFPA 855).
    4. 2018 NFPA 68, Standard on Explosion Protection by Deflagration Venting (NFPA 68)
    5. 2019 NFPA 69, Standard on Explosion Prevention Systems (NFPA 69)
    6. IEC 60529, Degrees of Protection Provided by Enclosures, 2.2 Edition, January 2019 (IP Code)
    7. IEC 62619, Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications, Edition 1.0, 2017 (IEC 62619)
    8. IEC 62933-5-2, Electrical energy storage (EES) systems - Part 5-2: Safety requirements for grid-integrated EES systems - Electrochemical-based systems, April 15, 2020 (IEC 62933-5-2)
    9. UL 1642, Lithium Batteries, Edition 6, September 29, 2020 (UL 1642)
    10. UL 1973, Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications, Edition 2, February 7, 2018 (UL 1973)
    11. UL 9540, Standard for Safety of Energy Storage Systems and Equipment, Edition 2, February 27, 2020 (UL 9540)
    12. UL 9540A, Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems, Edition 4, November 12, 2019 (UL 9540A)

As submitted within this BESS Land Use Submittal Package, and otherwise required under the BESS Submittal Checklist, the Hazard Mitigation Analysis test methodology, results, and analysis contained therein demonstrates compliance with the above code list in its entirety under AMC 20.114.150. Furthermore, Tier 3 Battery Energy Storage Systems are allowed only in General Industrial (GI) zones, in conjunction with a Conditional Use Permit. The Snohomish PUD District #1 location is within a General Industrial zone and this compliance statement is within the Conditional Land Use Permit application package.

Finally, with the project located within the Snohomish PUD District #1 land, the BESS system in its entirety is set back over five hundred (500) feet from any residentially zoned property, provide security fencing per the submitted Civil drawings, and be screened from view from adjacent property and the public Right of Way per the submitted Civil drawings.