

**Witness:** Shawn Morris

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**Question:**

EFSB-S-6 Refer to Exh. MS-F at 8-11 regarding the management systems

- a. Describe the functions of and interactions among the Battery Management System ("BMS"), Thermal Management System ("TMS"), Tesla Site Controller ("TSC"), Tesla's Network Operations Center ("NOC"), and any other management system used for this Project.
- b. Describe any service agreements or plans for such agreements between the Company and Tesla for the operation and maintenance of this Project.

**Response:**

- a. The Project's management and monitoring architecture is built around layered, integrated control and oversight systems designed to monitor battery health, manage thermal conditions, control site-level operations, and support remote situational awareness. At the equipment level, each Tesla Megapack 2XL includes a Battery Management System (BMS) that continuously monitors cell- and module-level parameters such as voltage, temperature, and state of charge, and implements protective actions within the unit as needed. The Thermal Management System (TMS) operates in coordination with the BMS to regulate battery temperatures during normal operation and abnormal conditions through active cooling and heat management. At the site level, the Tesla Site Controller (TSC) aggregates data from individual Megapack 2XL units and interfaces with the balance-of-plant and grid interconnection equipment to manage dispatch, operational states, and system-level controls. The Tesla Network Operations Center (NOC) provides continuous remote monitoring of system status, alarms, and performance data, allowing Tesla personnel to assess conditions, support troubleshooting, and coordinate response actions as appropriate. Together, these systems provide layered monitoring, control, and situational awareness from the cell level through the site and remote operations level.
- b. At this time, the Company does not have any service agreements or plans for such agreements in place with Tesla for the operation and maintenance of the Project.