

Minutes of Meeting dated 06.08.2025

Project: 25 MW Solar Power Plant with 50 MWh Battery Energy Storage System at Taru, Leh
Subject: Comment Resolution of BESS drawings

Participants: Pravin Mali (Wanbang Digital Energy Co. Ltd.), Jay Kothari, Vikas Jaiswal (Prozeal), Jaya Chauhan, Arjun Parlikkatt Chandran (Solar Energy Corporation of India Ltd.)

1. SECI-LEH25MW-DBR-ELE-27 - Design Basis Report for BESS with BESS PQR

Outstanding Issues	Resolution in Meeting dated 06.08.2025
Company Linkage	No clear linkage between StarCharge and Wanbang Digital Energy has been brought out in the submitted documentation. Prozeal/Wanbang confirms that a Certificate of Registration of Trademark shall be submitted by 18.08.2025 to bring out the linkage of StarCharge with Wanbang Digital Energy Ltd.
Proof of Supply	Submission of Unpriced Purchase Order/LoI/LoA issued by Wanbang Integrated Energy to Wanbang Digital Energy for the two reference projects. Prozeal/Wanbang shall submit the required POs by 18.08.2025
Revised Commissioning and/or Performance Certificates	Prozeal/Wanbang shall reword the performance/commissioning certificate in line with the tender requirements and submit by 18.08.2025

Pravin Mali

Arjun Parlikkatt Chandran

Vikas Jaiswal

2. HVAC System (General Arrangement and Details)

Outstanding Issues	Resolution in Meeting dated 06.08.2025
Sizing of HVAC and	It has been observed that the cooling and heating capacities of both the Air Conditioning unit and the Liquid Cooling System degrade with increasing altitude (between 1000m and 4000m). The vendor is requested to submit detailed calculations and/or performance curves illustrating the derating of these capacities as a function of altitude and ambient temperature. In the event that the derated capacities fall below the originally estimated requirements, a suitably higher-capacity system shall be proposed to ensure compliance with the thermal design criteria.

3. BESS Fire Protection Systems

Outstanding Issues	Resolution in Meeting dated 06.08.2025
Suppression Agent Calculations	Basis of design concentration value incorporated in sizing calculations is not given in the document

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Signature Guy Vilas

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Signature

**4. Battery Bank (GTP, Drawings, Type Test Report and QAP) Along with Battery Container
GA**

Major Points	Resolution in Meeting dated 06.08.2025
Certifications	<p>1. No clear evidence of certification or test submission for the system-level safety standard IEC 62933-5-2 or its equivalent UL 9540, as required for Energy Storage Systems (ESS).</p> <p>2. UL 1973 testing shall be conducted for rack, instead of cell and module as per tender. Confirmation sought that the system shall be tested at all levels as per the offered BoM.</p> <p>3. UN 38.3 testing is being done at container level. Confirmation sought from the Contractor if the Container will be shipped in integrated form, and not in parts to enable us to accept the test certificate.</p>
Fault Analysis and Protection Coordination calculations	<p>Not submitted</p> <p>Prozeal/Wanbang shall submit short circuit level calculation and basis for selection of protective devices (fuses and breakers).</p>
Cycle life graph	<p>Not appended</p> <p>Prozeal/Wanbang confirms that this shall be appended with the GTP document.</p>
Seismic Qualification	<p>Submitted simulation is conducted as per GR-63 (US standard), with "Zone 8" inputs. However, considering the intended deployment in IS 1893 Zone IV, this is not sufficient without correlation to Indian standards. Further evaluation or a revised simulation using IS 1893 load conditions has been requested.</p>

gupta Jitendra Ganguly Viras

Abhijit

Rack-Level Indication of No Current Flow (Field Safety)	The documentation does not provide compliance evidence for safe field-replacement of modules. Specifically, indication of isolation or no current flow at the rack output, as required for field serviceability by personnel, is not addressed. I have marked this in the CRS.	Prozeal/Wanbang to confirm in CRS
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2. Minor Points

Warranty Documentation	Additional clauses are required in the warranty documentation to align with the provisions explicitly stated in the tender. I have marked them in the attached document.	Prozeal/Wanbang confirms that this shall be appended with the GTP document.
Operational documentation	User Manuals, Standard Operating Procedures (SOPs) for field replacement of battery modules, Transportation and handling plan for the containerized solution	Prozeal/Wanbang confirms that this shall be appended with the GTP document.
FAT	Additional checks mentioned	Prozeal/Wanbang confirms that this shall be appended with the GTP document.

Document addressing major points shall be submitted for CAT-II approval by 18.08.2025. Minor points shall be addressed and document shall be resubmitted for information on 25.09.2025. After submission of certifications and closure of pending points, CAT-I shall be accorded by SECI.

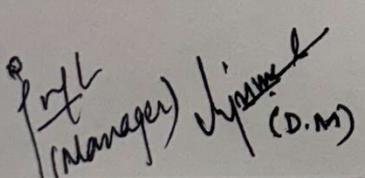
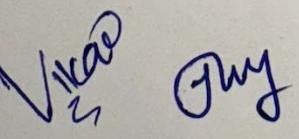
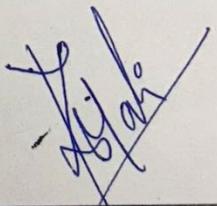
Raju

Vijay

Hari

5. Battery Management System (GTP and Drawings)

Outstanding Issues	Resolution in Meeting dated 06.08.2025
Joint testing of BMS with Container	Submitted certificates do not indicate joint testing of BMS with the BESS Container/Rack
Font Size and Erroneous Translation	Font sizes are illegible and translations of alarm and signals lists seem faulty.

		
Solar Energy Corporation of India	Prozeal	Wanbang Digital Energy Co. Ltd,