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Part II—Section 1

Notifications or Orders of specific character or of particular interest to the public issued by Secretariat Departments.

NOTIFICATIONS BY GOVERNMENT

ENERGY DEPARTMENT

TAMIL NADU BATTERY ENERGY STORAGE SYSTEMS POLICY, 2026

No. II(1)/EGY/23(d)/2026.

[ENERGY DEPARTMENT – BUDGET ANNOUNCEMENT 2026-27 - TAMIL NADU BATTERY ENERGY STORAGE SYSTEMS POLICY, 2026 – APPROVED – ORDERS - ISSUED.]

The following Government Order is Published:-

[G.O.Ms. No.128, Energy (E1), 2nd November 2026, ஐப்பசி 16, பராபவ, திருவள்ளுவர் ஆண்டு–2057.]

READ :

1. Hon'ble Finance Minister's Budget Speech on 05.08.2026.
2. From the Chairman, Tamil Nadu Green Energy Corporation Limited, Lr.No. CE/NCES/SE/PI/ EE/ PI/ F-BESS Policy /D.25/2026, dated 30.09.2026.
3. From the Managing Director, Tamil Nadu Green Energy Corporation Limited Lr.No. CE /NCES /SE /PI /EE /PI/ F-BESS Policy /D.47/2026, dated 21.10.2026.

Order : No.128, Energy (E1), dated 2nd November 2026.

The Hon'ble Minister for Finance, Planning and Development has made the following Announcement on 05.08.2026 in the floor of Assembly: -

> **"Recognising the importance of Battery Energy Storage Systems (BESS) in managing peak power demand, this Government will issue a New BESS Promotion Policy to facilitate private investment in this sector and transform Tamil Nadu into India's 'BESS Hub' ".**

2. Accordingly, the Chairman, Tamil Nadu Green Energy Corporation Limited has sent the necessary proposal for formulating Tamil Nadu Battery Energy Storage Systems Policy, 2026, after consultation with the various stakeholders.

3. The Government after careful examination of the proposal of the Chairman, Tamil Nadu Green Energy Corporation Limited, approve the Tamil Nadu Battery Energy Storage Systems Policy 2026, which is appended to this order.

4. Tamil Nadu Green Energy Corporation Limited, is designated as the State Nodal Agency (SNA) for Co-ordinating, facilitating and monitoring the implementation of BESS Projects under the said Policy.

5. This order issues with the concurrence of Finance (Infra) Department vide its Computer No.4453474 (Note No.#6), Dated:01.10.2026.

(By Order of the Governor)

1. Preamble

Tamil Nadu is one of India's leading renewable energy States, with an installed renewable energy capacity of approximately 29.8 GW, comprising around 14.5 GW of solar power and 11.6 GW of wind power, alongside other renewable energy sources. As the State continues to expand renewable energy installed capacity, reliable integration of variable renewable generation has become central to energy security, grid stability, affordability and decarbonization. To support grid stability, renewable energy integration and energy security, Tamil Nadu envisages the deployment of at least 2.5GW/10 GWh of Battery Energy Storage System (BESS) capacity during the validity period of this Policy.

Battery Energy Storage Systems (BESS) is a critical flexibility resource for the power system. BESS can store electricity during periods of surplus generation or low demand and discharge electricity during periods of high demand. Thus, supporting renewable energy integration, peak management and grid stability.

Tamil Nadu is currently developing four BESS projects, comprising a 500 MW/1,000 MWh project under Viability Gap Funding for Development of Battery Energy Storage System (BESS) scheme, a 375 MW/1,500 MWh project under Viability Gap Funding (VGF) Scheme for development of Battery Energy Storage Systems (BESS) supported through Power System Development Fund (PSDF) scheme, and two Solar with BESS projects of 15 MW/45 MWh each. These projects represent an important step towards augmenting the State's energy storage capacity and facilitating the reliable integration of renewable energy.

Recognizing the strategic role of BESS in enabling renewable energy integration, making the grid green and reducing the power cost for discom, the Government of Tamil Nadu introduces this Policy to create a clear and legally robust framework for accelerated deployment of BESS projects across the State. This Policy has been formulated in alignment with applicable national standards and regulatory frameworks, including the Ministry of Power (MoP) Guidelines and Electricity Amendment Rules, 2025.

2. Objectives of the Policy

The objectives of this Policy are to:

- Accelerate deployment of BESS across generation, transmission;
- Enhance renewable energy absorption and reduce renewable energy curtailment;
- Support compliance with Energy Storage Obligation and other resource adequacy or reliability requirements;
- Optimize grid operations, reduce demand-supply mismatches and improve grid stability, resilience;
- Create a transparent and investor-friendly framework for Storage-as-a-Service models;
- Enable BESS-enabled cost optimization;
- Promote, local employment, skill development, recycling and environmentally responsible battery lifecycle management while ensuring compliance with the Central Electricity Authority (CEA) Safety Regulations, 2026 and the Battery Waste Management Rules, 2022, as amended from time to time.

3. Title, Commencement and Operative Period

1. This Policy shall be known as the **Tamil Nadu Battery Energy Storage Systems Policy, 2026.**
2. This Policy shall come into force from the date of publication of notification by the Government of Tamil Nadu in the *Tamil Nadu Government Gazette*.
3. The operative period of this Policy shall be three (3) years from the date of notification of this Policy or until 10 GWh of BESS capacity is commissioned under the Policy, whichever is earlier.

4. Scope and Applicability

1. This Policy shall apply to BESS Projects established, registered, selected, procured, facilitated or operated in Tamil Nadu during the operative period of this Policy.
2. This Policy will apply to all the BESS projects applied on or after the date of notification of this Policy or commissioned on or after 1st April 2027.

3. Any individual, company, partnership firm, association or other eligible legal entity may develop, own and operate BESS Projects in Tamil Nadu for sale to Distribution Licensee, grid-support services and other legally permissible purposes, in accordance with applicable regulations.

5. Eligible BESS Configurations

The policy shall facilitate the following configurations of BESS projects:

Model	Usage
Standalone BESS	Independent BESS of rated power capacity of more than 1 MW(AC) connected to transmission, distribution or private consumer networks for peak hour consumption, grid support or other approved services, classified as a de-licensed independent power asset at par with generating Company as per MoP Guidelines
Co-Located BESS	A Battery Energy Storage System integrated with a solar, solar-hybrid or other renewable energy project of more than 1 MW, wherein the BESS is charged using electricity generated by the associated renewable energy plant for storage and subsequent supply during peak-demand or other required periods.

6. Legal and Regulatory Framework

1. This Policy provides a facilitative framework for BESS development. The statutory approvals, grid connectivity, tariff adoption and compliance requirements shall continue to be administered by the respective competent authorities in accordance with Applicable Regulations.

2. Facilitation measures and administrative procedures stipulated under this policy shall be implemented through separate government orders, notifications, guidelines or departmental instructions, wherever required.

3. Tariff-related matters and regulated charges shall be governed by the applicable orders, regulations and jurisdiction of TNERC/CERC, as applicable. Connectivity, grid operation, scheduling, dispatch and technical requirements shall be governed by the applicable regulations, standards, procedures and directions issued by the CEA, CTU, SLDC, RLDC and other relevant entities, as applicable.

4. This Policy shall not be construed as limiting or overriding the powers of TNERC, CERC, SLDC, RLDC, TANTRANSCO, TNPDCL or any other competent authority under the Electricity Act, 2003 and applicable regulations.

7. State Nodal Agency and Institutional Framework

1. Tamil Nadu Green Energy Corporation Limited (TNGECL) shall act as the State Nodal Agency (SNA) for implementation, facilitation and monitoring of this Policy in coordination with TNPDCL.

2. The SNA shall operate the Single-Window Portal and maintain the project registry to facilitate registrations, application tracking, inter-agency co-ordination, monitoring, and data reporting.

3. The SNA shall assist in coordination with relevant government agencies and stakeholders to support project implementation. Statutory approvals, grid connectivity, tariff and grid operation permissions shall continue to be governed by the respective competent authorities in accordance with applicable regulations.

8. Single-Window Facilitation and Project Registration

1. All BESS Projects seeking facilitation, state procurement or project monitoring under this Policy shall register with the SNA through the Single-Window Portal.

2. The SNA shall operate the Single-Window Portal and publish application procedures, document requirements, timelines, fees and contact details.

3. Approval and clearance shall continue to be administered by the respective competent authorities.

9. Land Facilitation and Project Siting

1. BESS Projects may be developed on private, leased, industrial, renewable energy park, utility-owned or other legally permissible land parcels, subject to approval by the concerned competent authority and compliance with applicable laws, regulations, Government orders and TNERC guidelines/orders, as applicable.

2. BESS Projects shall, as applicable, comply with land-use, environmental, fire& electrical safety, factory, local body, building, hazardous material, disaster management and other statutory requirements and regulations.

10. Grid Connectivity, Evacuation and Metering

1. For BESS Projects seeking connectivity to the Intra-State Transmission System or Distribution System, connectivity shall be governed by the applicable TNERC regulations, Tamil Nadu Electricity Grid Code, TANTRANSCO/Distribution Licensee procedures and applicable CEA technical standards.

2. All BESS Projects shall comply with the Electricity Act 2003, CEA (Technical Standards for Connectivity to the Grid) standards, CEA Safety Regulations 2026, as amended from time to time, TNERC Connectivity regulations, Grid Code and other applicable regulations as notified from time to time.

3. The utility concerned shall process connectivity applications and communicate technical feasibility, connectivity conditions, system strengthening requirements, cost responsibilities and implementation timelines in accordance with applicable regulations and procedures. Developers shall establish the dedicated evacuation infrastructure up to the approved interconnection point.

4. BESS Projects shall install metering, protection, communication, EMS/SCADA and data interfaces and shall comply with the Central Electricity Authority (CEA) Metering Regulations, Grid Code, TNERC regulations and directions of SLDC, or the concerned Distribution Licensee.

5. BESS Projects shall comply with applicable scheduling, dispatch, forecasting, deviation settlement, metering, reactive power and grid operation requirements and shall operate under the scheduling and dispatch control of SLDC in accordance with the Grid Code, TNERC's applicable regulations and SOP's for BESS notified by SLDC including amendments from time to time.

6. SLDC may direct BESS Projects to undertake charging during periods of surplus renewable energy availability, including solar hours from 10:00 AM to 2:00 PM. Charging outside this window shall be undertaken as directed by SLDC.

7. BESS Projects shall comply with applicable guidelines/order of Ministry of Power (MoP) for the establishment of Energy Storage System.

11. Source of Electricity for Charging, Discharging and Scheduling

1. For BESS Projects procured by TNPDCL(including standalone or co-located), the charging energy shall be provided by TNPDCL in accordance with the applicable provisions of Electricity Act 2003, TNERC regulations and scheduling instructions of SLDC. Such charging power shall preferably be scheduled during solar hours and shall include time duration of 10 AM to 2 PM. Charging outside this window shall be undertaken in accordance with the directions of SLDC.

2. Charging and discharging shall be undertaken in accordance with applicable scheduling, dispatch, metering and grid operation requirements, and the directions of SLDC or other competent authorities. The operation of BESS Projects shall not adversely affect grid frequency, voltage or system security, and charging/discharging may be regulated by SLDC during grid-security conditions and frequency excursions.

3. The energy discharged from a BESS shall be injected into the grid at the same point of interconnection at which the associated Renewable Energy generating station or standalone BESS is connected, subject to applicable grid connectivity approvals and regulations.

12. Discom Procurement

1. TNPDCL shall procure BESS capacity aggregating to 2,500 MW / 10,000 MWh from eligible BESS projects availing benefits under this Policy in the first phase. Charging energy for BESS projects procured by TNPDCL shall be provided by TNPDCL, in accordance with applicable regulations. Procurement of storage power shall be undertaken through price discovered by competitive bidding process and approved by TNERC.

13. Storage Requirement for New Renewable Energy Projects

1. Existing solar and wind renewable energy projects of 1 MW and above are encouraged to install BESS for renewable energy integration, peak management or grid support.

2. Where the BESS is installed within the sanctioned project capacity, no separate Load Flow Study shall be required for above existing solar and wind renewable energy projects.

3. New solar or solar-hybrid renewable energy projects of 1 MW and above, applied on or after the date of notification of this Policy or commissioned on or after 1st April 2027 shall mandatorily install BESS capacity of at least 10% of the solar project's installed capacity, with a discharge duration of four (4) hours, where replacement of batteries wherever required during the project life, shall be the responsibility of the Project Developer.

4. All new renewable energy pooling substations shall provide for a standalone BESS of at least 10% of the sanctioned substation capacity, with a discharge duration of four (4) hours. Total grid injection through the substation shall not exceed its sanctioned capacity at any time.

5. For existing renewable energy pooling substations, BESS capacity equivalent to 5% of the sanctioned substation capacity shall be installed by FY 2027–28, with an additional 5% by FY 2028–29, achieving a cumulative BESS capacity of 10% with a discharge duration of four (4) hours, subject to technical feasibility and grid connectivity approvals. To ensure that renewable energy injection into the grid does not exceed the grid's absorption capacity, the injection of power through these substations shall be regulated in accordance with SLDC directions ensuring that surplus renewable energy is stored in BESS rather than injected into the grid. The total grid injection shall not exceed the sanctioned substation capacity at any time.

6. Where the BESS shall have a minimum rated discharge power capacity of 10% of the installed renewable energy capacity (MW) and sufficient usable energy storage capacity to sustain continuous discharge for a duration of four (4) hours. Both power capacity (MW) and energy storage capacity (MWh) shall be specified on the AC side. Example: A 100 MW (AC) solar project shall install BESS with minimum discharge power capacity of 10 MW (AC) and a minimum energy storage capacity of 40 MWh (AC), ie 10MW/40MWh.

7. Standalone BESS may be installed near to substations based on the requirements of TNPDCL or near to generating stations, subject to technical feasibility.

8. The BESS power capacity of co-located BESS shall not exceed 100% of the sanctioned RE capacity, and its discharge shall not exceed the sanctioned renewable energy capacity at any time and shall be injected through the same point of interconnection.

9. Applications for BESS projects that do not comply with the above requirements of this Policy shall not be considered by the State Nodal Agency (SNA).

14. Incentives

1. Incentives under this Policy shall be available to eligible BESS projects that are approved and commissioned during the validity period of this Policy subject to the condition that the energy discharged from such BESS during non-solar hours and is consumed within Tamil Nadu.

2. The cumulative capacity eligible for incentives under this Policy shall be limited to 10GWh of BESS projects or capacity installed during the validity period of this Policy whichever is earlier.

3. Eligible BESS projects shall be considered for waiver of applicable transmission and wheeling charges for a period of ten (10) years from the date of commissioning of the BESS, provided that the BESS is commissioned during the Policy validity period and the energy discharged is in accordance with the directions of SLDC, subject to TNERC approval and compliance with applicable Acts, rules, regulations, orders and directions of the competent authorities, as specified below:

a. Co-located BESS in Solar/wind//Hybrid Projects: Co-located BESS in existing or new solar/wind/hybrid projects, charged exclusively from the associated renewable energy plant and accommodated within its sanctioned transmission capacity, shall be eligible for 100% waiver of applicable transmission and wheeling charges attributable to the eligible BESS capacity, subject to TNERC approval and applicable regulatory provisions. The total power injected at the point of interconnection, including BESS discharge, shall not exceed the sanctioned capacity of the associated renewable energy project at any time.

b. Standalone BESS: Standalone BESS projects with an installed power capacity of 1 MW and above shall be eligible for a 100% waiver of applicable transmission and wheeling charges attributable to the eligible BESS capacity, subject to TNERC approval and applicable regulatory provisions.

15. Obligations of Developers and Operators

The Developer and Operator of a BESS Project shall comply with the following obligations and responsibilities:

1. Comply with all Applicable Regulations, approvals, Project Agreements and directions of competent authorities;

2. Obtain and maintain all statutory approvals, permits, consents, licenses, registrations and clearances at their own cost and risk unless otherwise specified;

3. Comply with applicable Grid Code, metering, scheduling, load dispatch, system operation, safety, connectivity, cyber security and data-reporting requirements;

4. Maintain prescribed availability, usable energy capacity, round-trip efficiency, response capability, safety standards and performance requirements;

5. Install and maintain Energy Management System (EMS), Battery Management System (BMS), Supervisory Control and Data Acquisition (SCADA), communication, metering and protection infrastructure as required;

6. Ensure that augmentation or replacement of battery capacity is carried out as necessary to meet contractual and regulatory performance requirements;

7. Comply with environmental laws, fire safety norms, hazardous material requirements, battery waste management rules, recycling obligations and end-of-life responsibilities;

8. Furnish project-related information, operational data and performance reports to SNA, SLDC, TANTRANSCO, Distribution Licensee or competent authority as required;

9. Ensure safe decommissioning, recycling, disposal and site restoration at end of life or termination.

10. BESS projects shall maintain an annual availability of at least 95% for operation and shall be mandatorily available during the periods from 1 March to 30 June and 1 September to 31 October each year, in accordance with the directions of SLDC and applicable grid operating requirements.

16. Safety, Environmental, Cybersecurity and End-of-Life Compliance

1. BESS Projects shall comply with applicable CEA safety regulations, CEIG requirements, fire safety requirements, building rules, disaster management requirements, manufacturer specifications and relevant Indian/international standards adopted by competent authorities.

2. Developers shall prepare, implement and maintain emergency response plans, fire safety plans, isolation procedures, thermal runaway mitigation measures, safety signage, access-control protocols and incident-reporting mechanisms in compliance with the Central Electricity Authority (Measures Relating to Safety and Electric Supply) Amendment Regulations, 2026, as amended from time to time.

3. End-of-life batteries shall be handled, stored, transported, recycled or disposed of only through authorised entities in accordance with the Battery Waste Management Rules, 2022, as amended from time to time, and other applicable environmental requirements. Developers shall obtain and comply with all applicable approvals, consents and clearances from Tamil Nadu Pollution Control Board (TNPCB) and other competent authorities, wherever required, during the operational and decommissioning phases of the project.

4. Energy Management System (EMS), Battery Management System (BMS), communication, control, metering and data systems shall comply with applicable cyber security guidelines, protocols and directions issued by CEA, Government of India, Government of Tamil Nadu and other competent authorities. Adoption of domestically developed indigenous EMS platforms is mandatory to safeguard critical grid infrastructure against cyber vulnerabilities.

5. Developers shall maintain records of battery chemistry, capacity, warranties, safety certifications, recycling arrangements, incident reports and decommissioning plans and furnish the same when required.

17. Data Reporting, Monitoring and Transparency

1. The SNA shall maintain a digital database of registered BESS Projects, including status of application, location category, capacity, configuration, approval status and commissioning status, subject to confidentiality requirements.

2. Renewable Energy (RE) Projects with co-located BESS and Standalone BESS Projects of 1 MW and above shall provide real-time telemetry communication facilities to SLDC, at the Developer's cost, in accordance with applicable regulations and technical requirements.

3. Developers shall submit periodic reports on capacity, availability, charging energy, discharged energy, renewable charging share where applicable, performance (cycle loss and Depth of Discharge), safety incidents, battery replacement, recycling and compliance status.

4. Developers shall provide real-time operational data including charging and discharging status, State of Charge, availability and power output, to the SLDC, TANTRANSCO and TNPDCL, as applicable, in accordance with applicable regulations, technical standards and communication protocols. Such data shall serve as an operational input for SLDC's scheduling, forecasting, resource adequacy assessment and grid planning functions. The SLDC, TANTRANSCO and TNPDCL may also require performance information necessary for system operation, planning, forecasting, resource adequacy and compliance monitoring.

5. The SNA shall publish an annual BESS implementation report detailing the progress of BESS deployment in the State, including registered and commissioned capacity, State-supported projects, procurement status, implementation challenges and recommended corrective actions.

6. Confidential commercial information, cyber-sensitive information and consumer-specific data shall be protected in accordance with applicable law, regulations and contractual obligations.

18. Fees and Charges

1. Fees, charges and other levies applicable to BESS Projects shall be governed by the relevant regulations, orders, notifications, bid documents and project agreements issued by the competent authorities from time to time.

2. Any waiver, reimbursement, exemption or concession shall be applicable only as provided under the relevant Government Orders, regulatory orders, policies or approved project arrangements.

19. Interim Review, Amendment and Power to Remove Difficulties

1. The Government may undertake interim review of this Policy as and when need arises in view of any technological breakthroughs or to remove any inconsistency with Electricity Act 2003 or any other Government of India Policy.

2. The Government may amend, modify, clarify or supplement this policy through notification or Government order, subject to applicable regulations and legal requirements.

3. If any difficulty arises in giving effect to this Policy, the Government may issue clarifications as well as interpretation to such provisions, as may appear to be necessary for removing the difficulty either on its own motion or after hearing those parties who have represented for change in any provision.

20. Dispute resolution

Matters falling within the jurisdiction of TNERC/CERC shall be addressed in accordance with the applicable provisions of the Electricity Act, 2003, and the regulations, orders and directions issued thereunder. Grievances relating to registration, Single-Window Portal services, processing timelines, land facilitation, facilitation charges and other matters falling outside the jurisdiction of TNERC/CERC shall be addressed by the State Nodal Agency (SNA) through the Single-Window Portal or such mechanism as may be notified from time to time.

21. Definitions

Sl. No.	Term	Definition
1.	**Act**	The Electricity Act, 2003, including rules made thereunder and amendments from time to time.
2.	**Applicable Regulations**	All applicable Acts, rules, regulations, codes, orders, guidelines, notifications, procedures, directions and standard operating procedure issued by competent authorities from time to time.
3.	**Battery Energy Storage System / BESS**	A system that stores electrical energy using electrochemical batteries and releases such stored energy for later use, including battery modules, battery management system, power conversion system, inverters, transformers, protection systems, control systems, communication infrastructure, metering, civil works and associated facilities. For the purpose of compliance under this Policy, BESS capacity shall be determined at the Point of Interconnection (PoI), unless otherwise specified by the Competent Authority.
4.	**Battery Management System / BMS**	Hardware and software systems used to monitor, control, protect and optimise battery operation, safety, state of charge, state of health and thermal performance.
5.	**BESS Project**	A standalone, co-located, distributed, utility-scale or other battery energy storage project developed, operated or maintained under this Policy.
6.	**Co-located BESS**	A BESS integrated with a solar, solar-hybrid or other renewable energy project of more than 1 MW, wherein the BESS is charged using electricity generated by the associated renewable energy plant for storage and connected through a common, shared or associated interconnection arrangement.
7.	**Commissioning**	Completion of installation, testing, inspection, energisation, metering, communication, protection and regulatory compliance requirements after which the Project is ready for commercial operation.
8.	**Competent Authority**	Any Government department, statutory authority, regulatory commission, local body, utility, load despatch centre or other agency having jurisdiction over the relevant matter.

Sl. No.	Term	Definition
9.	**Curtailment**	Reduction or backing down of scheduled or available injection or drawal due to grid security, congestion, system balancing, operational constraints, force majeure or instructions of the competent load despatch authority.
10.	**Decommissioning**	Safe removal, dismantling, disposal, recycling, site restoration or repowering of BESS assets at the end of useful life or termination of the Project.
11.	**Developer**	Any individual, company, body corporate, partnership firm, association, trust, cooperative, public sector entity, special purpose vehicle or other legal entity undertaking development, ownership, operation or maintenance of a BESS Project.
12.	**Discharged Energy**	Electricity delivered from a BESS at the metering or delivery point after accounting for applicable auxiliary consumption and losses.
13.	**Distribution Licensee -TNPDCL**	The TNPDCL operating in the relevant area of supply in Tamil Nadu.
14.	**Energy Management System / EMS**	Hardware and software systems used for monitoring, controlling, optimising, scheduling and despatching BESS assets and associated energy resources.
15.	**Energy Storage Obligation / ESO**	The obligation prescribed by the Government of India or competent authority requiring designated entities to procure or use a specified percentage of electricity through energy storage systems.
16.	**Grid Code**	The Tamil Nadu Electricity Grid Code, Indian Electricity Grid Code and other grid operation standards, procedures or codes applicable to the Project, as amended from time to time.
17.	**Grid Connectivity**	Connection of a BESS, renewable energy project or consumer installation to the transmission or distribution network in accordance with Applicable Regulations, technical standards and procedures.
18.	**Hybrid Renewable Energy Project**	A renewable energy project comprising two or more renewable sources, such as wind and solar, with or without energy storage, connected at a common or associated interconnection point.
19.	**Reactive Power**	The component of electrical power required to maintain voltage levels and support grid stability in accordance with applicable technical requirements.
20.	**Renewable Energy / RE**	Electricity generated from renewable sources including solar, wind, small hydro, biomass, waste-to-energy and any other renewable source recognised by the competent authority.
21.	**Round-Trip Efficiency**	The ratio of discharged electrical energy to charging electrical energy over a defined period or cycle, measured at the specified metering point.
22.	**Single-Window Portal**	The digital platform designated by the State Nodal Agency for project registration, application tracking, coordination and facilitation under this Policy.
23.	**State Load Dispatch Centre / SLDC**	The apex body responsible for integrated operation, monitoring and control of the power system within the State in accordance with applicable law and regulations.
24.	**State Nodal Agency / SNA**	Tamil Nadu Green Energy Corporation Limited or any other entity designated by the Government of Tamil Nadu for implementation and facilitation of this Policy.
25.	**State of Charge / SoC**	The available stored energy in a battery expressed as a percentage of usable energy capacity.
26.	**State of Health / SoH**	A measure of the condition and remaining performance capability of the battery relative to its original or warranted condition.
27.	**Usable Energy Capacity**	The net electrical energy, expressed in kWh or MWh, that a BESS can discharge at the delivery point under specified operating conditions after accounting for agreed operational limits and auxiliary consumption.

22. Abbreviations

Abbreviation	Full Form
BESS	Battery Energy Storage System
BMS	Battery Management System
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
EMS	Energy Management System
ESO	Energy Storage Obligation
kW	Kilowatt
kWh	Kilowatt-hour
MW	Megawatt
MWh	Megawatt-hour
MNRE	Ministry of New and Renewable Energy
MoP	Ministry of Power
RLDC	Regional Load Dispatch Centre
SCADA	Supervisory Control and Data Acquisition
SLDC	State Load Dispatch Centre
SNA	State Nodal Agency
TANTRANSCO	Tamil Nadu Transmission Corporation Limited
TNERC	Tamil Nadu Electricity Regulatory Commission
TNGECL	Tamil Nadu Green Energy Corporation Limited
TNPDCL	Tamil Nadu Power Distribution Corporation Limited

ANIL MESHRAM,
Principal Secretary to Government.

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