



BAHRIA TOWN LAHORE

Office of Electrical (Net-Metering)

SOP for Net-Metering

The management of Bahria Town is currently operating the Net-Metering (NM) service without support from LESCO/NEPRA. This situation has led to various financial and technical challenges. The purpose of this revision of the SOP is to establish an optimized framework that ensures equality of rights and eliminates ambiguities. This will enable the continued operation of the Net-Metering service and maximize its benefits for as many consumers as possible.

Interested consumers may follow the steps below to avail Net-Metering:

Step.1 – Apply for “Feasibility Assessment”

- Submit the application at the Net-Metering Office, as per the specified format [\(Link\)](#)
- The NM team will assess the feasibility based on technical aspects within 10 working days
- An optimal solar system capacity will be sanctioned through this approval (valid for 30 days)
- Bahria Town operates Net-Metering with export unit limits; please refer to the "Capping Policy"
- Off-Grid Solar installation will be allowed, in case Net-Metering is not feasible at some point
- This approval will serve as a reference document for all related proceedings; keep it safe in original
- Any installations made prior to the feasibility approval will not be considered for any processing

Step.2 – Solar System Installation

- After obtaining the "Feasibility Approval," refer to the list of "Authorized Solar Installers"
- Only installers registered with BTL are authorized to install solar systems within the BTL vicinity
- This measure has been taken to ensure SOP compliance and prevent unauthorized installations
- The system capacity must not exceed the limit specified in the Feasibility Report
- Only Tier-1 inverters, solar panels, and allied materials should be used
- Earthing bores are strictly prohibited outside the premises of the building

Step.3 – Metering Point Upgradation

- Standard protocol must be followed, as guided by the metering team
- A standard Meter Box (22" x 18") with specified color and design must be installed
- Standard cable work must be executed (e.g. 16/25mm, 4-core, w/o joint, color-code-RYBB)
- The Net-Metering Office must be notified at least 1 week prior to the execution of the above job
- Any deficiencies in the past with respect to existing cable work or metering point, for whatsoever reason, must be upgraded to meet the standard with zero tolerance.
- Any kind of physical work on the metering point is subject to permission from the Metering Office; failure to obtain such permission may result in a heavy fine

Step.4 – Building Control By-Laws for Mounting Structure

- Max structure height: 9 feet from roof top and 3 feet from mummy roof (including solar panel)
- Solar panel edges must not protrude beyond the building structure or open spaces
- Mounting structures require RCC slabs with concrete pads, 16-gauge stainless steel
- The installation of Solar should not affect drainage, water-proofing, skylights, or open-patios
- A Fire Extinguisher (CO² – 3 kg) must be placed near the inverter

Step.5 – Required Documentation

- Approved Feasibility Assessment Report (Original Copy)
- Net-Metering File (as per AEDB format, signed/stamped by installer & applicant)
- Validation email printout (from authorized installer to BTL on prescribed format)
- Applicant's undertaking on e-stamp paper, as per specified format ([Link](#))
- 12 colored photos of installed solar equipment, as per specified format ([Link](#))
- Stability Certificate and layout plan with section details of the mounting structure

Step.6 – System Inspection

- Obtain a diary number by submitting the required documents to the Billing Dept
- A physical inspection of the system will be conducted within 7 working days
- The application will be rejected and closed if any major objections are found during inspection
- However, a grace period of 3 days will be provided to rectify minor objections, if any
- After the inspection report is processed, the Billing Dept will issue the service fee challan
- The only service fee charged by Bahria Town for Net-Metering is Rs. 75,000/-

Step.7 – Meter Installation

- A copy of the paid chalan must be submitted in Billing Dept for further processing
- The Green Meter will be installed within 7 working days after challan submission
- The old meter will be collected by the installation team after recording the final readings
- The next bill will be based on the final readings of the removed meter
- The following bill will be converted to the Net-Metering pattern

Contact Details:	Metering Dept 042-35341624	Billing Dept 042-35341623	Building Control Dept 042-35341612
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Disclaimers:

- ❖ Any delay beyond timelines due to unforeseen circumstances is out of BTL's control
- ❖ BTL operates Net-Metering under the "Capping Policy," which may be revised periodically
- ❖ BTL reserves the right to terminate active Net-Metering Agreements with a 3 months' notice
- ❖ BTL reserves the right to discontinue Net-Metering Service at any time without providing a reason
- ❖ These guidelines apply to residential consumers only; Net-Metering service is not available in commercial