



# NET METERING

## Guidelines for Consumers

KE Net Metering Facilitation Centre:  
Address: 1st Floor (Above Cafeteria), IBC  
Garden, Karachi, Pakistan.  
Timing: Mon-Thursday: 9:00 AM to 6:00 PM  
Friday: 9:00 AM to 6:30 PM



## NET METERING GUIDELINES FOR CONSUMERS

Steps	Description	TAT (days)
01	<p><b>SELECTION OF PRE-QUALIFIED VENDOR FOR SOLAR INSTALLATION</b></p> <p>Consumer can get the list of vendors from KE's website or from guidelines available at KE one window Net Metering Facilitation Centre at 1st Floor, IBC Garden, Karachi. Consumer needs to ensure that vendor's technical design is in accordance with KE's network requirements and guidelines.</p>	
02	<p><b>SUBMISSION OF FORM AT KE'S NET METERING FACILITATION CENTRE</b></p> <p>AEDB pre-qualified vendor has to submit the duly filled Net Metering form. Consumers must get their connected loads regularized by their respective IBCs before the processing of the application.</p>	
03	<p><b>CASE FILE ACKNOWLEDGMENT &amp; INITIAL REVIEW/SITE SURVEY BY KE NMFC &amp; NM AGREEMENT SIGNING</b></p> <p>KE will review the technical parameters through site survey of the consumer's premises to evaluate the feasibility for net metering subject to load regularization.</p>	25 
04	<p><b>METER REPLACEMENT ESTIMATE</b></p> <p>Consumer will receive the estimate (meter replacement) voucher from KE Net Metering Facilitation Centre subject to network capacity. KE will dispatch the signed Generation license document to NEPRA for the issuance of Generation license</p>	07 
05	<p><b>SUBMISSION OF GENERATION LICENSE AND PAYMENT RECEIPT</b></p> <p>KE will receive Generation License from NEPRA. Consumer will submit paid receipt of estimate at KE Net Metering Facilitation Centre.</p>	
06	<p><b>INSTALLATION OF METER</b></p> <p>Bidirectional meter will be installed by KE.</p>	15 

### FURTHER INFORMATION

- Timelines for net metering connections have been prescribed by NEPRA under Regulation 3 of the NEPRA Net Metering Regulations 2015, which is at least 72 working days. However, on the advised of Ministry, AEDB and NEPRA to facilitate net metering consumers, KE revised its timelines to make them shorter and expedite processing of net metering connection applications.
- Please note that above mentioned TAT are in working days.
- Consumer may experience deviation from TAT due to following reasons:
  - Incomplete documentation
  - Anomaly found during Site Survey
  - In case 30% of transformer PV capacity exceeds and simulation study is required
  - In case 80% of transformer PV capacity exceeds, consumer would bear the cost of system augmentation.
- Technical parameters for PV are available on the KE website.
- For more information, consumer can also contact through [net.metering@ke.com.pk](mailto:net.metering@ke.com.pk)

## NET METERING GUIDELINES FOR CONSUMERS

Net Metering will be dealt through KE's designated one-window for the facilitation of Net Metering connections.

- a. The connected load of the applicant should be equal to the Sanctioned load and regularized.
- b. Select one of AEDB's pre-qualified vendors from list available at KE's website or KE Net Metering Facilitation Centre.
- c. AEDB's pre-qualified vendors will process the application on behalf of consumer.
- d. Self-assessed load declared by the applicant from should be as per actual load details. If the connected load is greater than the sanctioned load, consumer should have the load regularized by respective IBC prior to the submission of the application.
- e. Applicant must ensure that the technical design complies with KE's standard requirements for Net Metering connection.
- f. Consumer will sign an agreement with the vendor ensuring vendor's responsibility for compliance with standards and after sales service.
- g. Applicant will provide the following documents for submission:
  - i. Duly filled KE NM application form by the consumer
  - ii. System single line diagrams
  - iii. Interconnection diagrams
  - iv. Equipment specification sheets, data sheets and certifications
  - v. NEPRA Documents duly filled in case the Solar PV system size is above 250 kW, the following document in addition to the above-mentioned need to be submitted:
  - vi. Load flow study report
  - vii. NOC from EIK (Electrical Inspector Karachi)
- h. If there are several meters installed on a single premise, each meter will be treated separately.
- i. The applicant would bear the meter replacement cost, or any other cost incurred during meter replacement process.
- j. KE will apply for the Generation License with NEPRA on behalf of the applicant.
- k. Project completion report must be submitted to KE.
- l. The system can be reviewed at any time by KE for quality assurance. Connection will be terminated if any discrepancy is found in quality, capacity enhancement, or any change of design or inverter
- m. A bidirectional meter will be installed by KE for two-way metering.

**Note:** The list of Net Metering vendors on our panel is available at <https://www.ke.com.pk/net-metering-vendors/>