



Virgin Islands Water and Power Authority

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Net Metering Requirements

1. Consumer shall provide to V. I. Water and Power Authority (VIWAPA) Engineering Department equipment specifications for proposed installation.

Equipment Requirements

- A. Inverters with sync capability on the 60-hertz waveform - -
Photovoltaics
- B. Wind turbines with sync capability on the 60-hertz waveform.
- C. Equipment must be designed **not** to produce any power into the grid once VIWAPA has de-energized its system. Equipment shall meet the following standards:
 - a. IEEE-929 standards
 - b. IEEE 1547 Standards
 - c. UL-1741 Standards
 - d. National Electric Code
 - e. International Building Code
2. Consumer shall submit Net Metering Load Requirement Sheet to VIWAPA once completed by a certified electrician.
3. Consumer shall construct renewable alternative energy system (R/AES) in accordance with Department of Planning and Natural Resources (DPNR) and VIWAPA standards and specifications.

4. Consumer shall install a manual main disconnect switch of visible load break type to provide separation between the renewable energy system and VIWAPA AC source such that back feed from the R/AES to WAPA's system cannot occur when the switch is in the open position.
5. The manual on/off disconnect switch must be rated properly to carry the proposed rated power and designed for the installed environment.
6. The manual on/off disconnect switch shall be mounted separately from the meter base on an exterior surface and accessible to VIWAPA personnel and capable of being locked in the open position by VIWAPA. Customers are encouraged to install this switch within six (6) feet of VIWAPA electrical meter.
7. DPNR shall inspect and certify the R/AES. A copy of that certification shall be submitted to VIWAPA Customer Service Department.
8. VIWAPA shall inspect consumer installation for compliance to the net metering agreements.
9. Consumer shall complete a net metering application at VIWAPA Customer Service Department.
10. Consumer shall pay a \$25.00 one-time non-refundable net metering application fee to VIWAPA.
11. VIWAPA will connect consumer to utility grid and install electric meter as required.



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