GUAM POWER AUTHORITY

SCHEDULE "C"

Net Metering – NM
Interim

NET METERING RIDER FOR CUSTOMER-GENERATOR ENERGY FACILITIES

GENERAL:

To encourage private investment in renewable energy resources; stimulate economic growth; and enhance the diversification of energy resources in the Territory this Net Metering (NM) Rider for Customer-Generator Energy Facilities is offered to customers operating qualifying generation facilities. The NM Rider may be amended or modified in the future by GPA, with the approval of the Guam Public Utilities Commission (PUC).

AVAILABILITY:

The NM Rider is available to GPA customers throughout the Territory who own and operate an eligible Net Metering Facility designed to operate in parallel with GPA’s distribution facilities. Existing GPA distribution facilities of adequate capacity and suitable phase and voltage must be adjacent to the Net Metering Facility of the Customer-Generator. Customers eligible for this Rider must also take service from GPA under an applicable standard service tariff. The NM Rider is offered in conjunction with the GPA’s existing rate schedules for the following customer classification.

Schedule R - Residential Service
Schedule G - General Service – Non Demand
Schedule J - General Service – Demand
Schedule P - Large Power Service
Schedule S - Small Government Service – Non Demand
Schedule K - Small Government Service – Demand
Schedule L - Large Government Service
Schedule N - Navy Service

The NM Rider is available to all customs without limitation as to the aggregate capacity of Customer-Generator installations on the GPA system. However, at that time the number of Customer-Generators exceeds one-thousand (1000) customers this issue will be reviewed by the PUC and a determination made as to the continued offering of the NM Rider for new “net metering” customers.

Provisions of applicable rate schedules with which the NM Rider is used are modified as described herein.
APPLICATION:

The NM Rider is applicable to Customer-Generator facilities which operate in parallel with the GPA system and which meet the Conditions of Service for a Net Metering Facility. Only those customers who produce electrical energy using eligible Net Metering Facilities (i.e., fuel, cells, micro-turbines, wind, biomass, hydroelectric, solar energy or a hybrid system consisting of these facilities) will be eligible for this Rider. This Rider is applicable only to the net energy supplied to GPA’s system by the Customer-Generator. All other services furnished to the customer shall be billed in accordance with the rates and charges under the customer’s applicable standard rate schedule.

CONDITIONS OF SERVICE:

For the purposes of this NM tariff, an eligible Customer-Generator must comply with all of the following requirements:

1) Operate and produce electric energy by fuel cells, micro-turbines, wind, biomass, hydroelectric, solar energy or a hybrid system consisting of these facilities, as its primary source of fuel;
2) Own and operate generation facilities located at customer premises;
3) Have as its primary purpose the intent of supplying a part or all of the electrical energy requirements of customer; and
4) Design and install facilities to operate in parallel with GPA’s electric distribution system without adversely affecting the operation of the equipment and service of GPA and its customers and without presenting safety hazards to GPA and customer personnel.

The rated capacity of the Customer-Generator facilities at any single residential customer service location shall not exceed twenty-five (25) kilowatts. The rated capacity of the Customer-Generator facilities at any single non-residential customer service location shall not exceed one hundred (100) kilowatts.

Customer-Generators seeking to interconnect an eligible Net Metering Facility to GPA’s system must submit to GPA a completed “Standard Interconnection Agreement for Net Metering Facilities,” and a one-line diagram showing the configuration of the proposed Net Metering Facility.
A “Standard Interconnection Agreement for Net Metering Facilities” between GPA and the eligible Customer-Generator must be executed before the Net Metering Facility may be interconnected with GPA’s system.

Customer-Generator facilities connected in parallel operation with GPA and located on customer’s premises must be manufactured, installed and operated in accordance with governmental and industry standards and capable of providing single phase or three phase electric energy at 60 Hertz. The service provided under the NM Rider will be provided to the entire premise through a single point of delivery at a single voltage.

All generator equipment and installations must comply with GPA’s Technical Requirements. All generator equipment shall be installed in accordance with the manufacturer’s specifications as well as all applicable provisions of the National Electrical Code and state and local codes. All generator equipment and installations shall comply with all applicable safety, performance and power quality standards, established by the National Electrical Code, the Institute of Electrical and Electronic Engineers and accredited testing laboratories.

Customer-Generators shall provide GPA proof of qualified installation of the Net Metering Facility. Certification by a licensed electrician shall constitute acceptable proof.

Customer-Generators shall install, operate, and maintain the electric generating facility in accordance with the manufacturer’s suggested practices for safe, efficient, and reliable operation in parallel with GPA’s system.

Customer-Generators must provide a visibly open, lockable, manual disconnect switch, which is accessible by GPA and is clearly labeled.

GPA may, at its own discretion, isolate any electric generating facility if GPA has reason to believe that continued interconnection with the electric generating facility creates or contributes to a system of emergency.

GPA may perform reasonable on-site inspections to verify the proper installation and continuing safe operation of the Net Metering Facility and the interconnection facilities, at reasonable times and upon reasonable advance notice to the Customer-Generator.

An eligible Customer-Generator installation is transferable to other persons or service locations only upon notification to GPA and verification that the installation is in compliance with all applicable safety and power quality standards. All other conditions of service apply.
Schedule “C” (Continued)

METEERING:

Net energy metering shall be accomplished using a standard kilowatt-hour meter capable of measuring the flow of electricity in two (2) directions or smart meter capable of measuring the flow of electricity in two (2) directions. If the existing electrical meter installed at the Customer-Generator’s facility is not capable of measuring the flow of electricity in two directions, GPA shall furnish and install a standard bi-directional kilowatt-hour meter. The Customer-Generator shall provide any related interconnection equipment in accordance with GPA’s technical requirements, including safety and performance standards. The Customer-Generator shall be responsible for all costs associated with the installation of a standard kilowatt-hour meter. Such Customer-Generator responsible costs include, but are not limited to, the meter socket, riser, weather head and other related equipment.

In the case where two meters are used, the reading of the meter measuring the flow of energy from the customer to GPA shall be subtracted from the reading of the meter measuring the flow of energy from GPA to the customer to obtain a measurement of net kWh for billing purposes.

MONTHLY BILLING:

On a monthly basis, net metering customers shall be billed energy charges applicable under the currently effective standard rate schedule and any appropriate rider schedules including the Levelized Energy Adjustment Clause and other clauses as well as surcharges. Under this NM tariff, only the kilowatt-hour (kWh) units of a Customer-Generator’s bill are affected. No excess energy credits shall reduce any fixed monthly customer or demand charges, if any.

Monthly charges for energy, and demand where applicable, to serve the customer’s net or total load shall be determined according to GPA’s standard service tariff under which the customer otherwise be served, absent the customer’s electric generating facility. Energy charges under the customer’s standard tariff shall be applied to the customer’s net energy for the billing period to the extent that the net energy exceeds zero.

If the customer’s net energy is zero or negative during the billing period, the customer shall pay only the non-energy charge portions of the standard tariff bill. If the customer’s net energy is negative during a billing period, the customer shall be credited in the next billing period for the kWh difference. When the customer elects no longer to take service under this Net Metering Service Tariff, any unused credit shall revert to GPA. Excess electricity credits are not transferrable between customers or locations.
Schedule “C” (Continued)

In no event shall the excess credit from a single month be carried forward beyond twelve (12) months as a credit against the current monthly bill. At the end of each calendar year, or in the event of termination of service under this Rider, any excess kWh credits; if any, will be granted by customer to the GPA without compensation to the customer.

OTHER CHARGES:

The customer is responsible for all equipment and installation costs of the electric generating facility.

As specified in the “Standard Interconnection Agreement for Net Metering Facilities,” the Customer-Generator must pay for a non-refundable application fee of $50.00. This fee includes the cost of inspection of the customer’s electric generating facility if GPA deems such inspection is necessary.

Should GPA determine that an interconnection study is required; GPA will advise the customer of the estimated additional cost of performing such study. Upon payment by the customer of the estimated study costs, GPA will proceed with the interconnection study to determine if installation of the customer’s electric generating facility will have significant impact on GPA’s distribution system.

Should construction or upgrades of GPA’s system be required in order to interconnect the customer’s electric generating facility, additional charges to cover costs incurred by GPA shall be determined by GPA and paid by the customer.

The customer shall pay any additional charges, as determined by GPA, for equipment, labor, metering, testing or inspections requested by the customer.

TECHNICAL REQUIREMENTS OF INTERCONNECTION:

The Customer-Generator shall agree to locate its Net Metering Facility so as not to cause a hazard to GPA’s existing distribution system. The Customer-Generator shall furnish and install equipment which will automatically isolate the Net Metering facility from GPA’s system in the event of loss of GPA service as outlined in IEEE Standard 1547, “Standard for Interconnecting Distributed Resources with Electric Power System.”

The Customer-Generator will have to acknowledge its understanding that several small systems on one line have the potential of degrading GPA’s system integrity; therefore, Customer-Generator must agree to accept pursuant to the “Standard Interconnection Agreement for Net Metering Facilities” the responsibility of any electric service problems that Customer-Generator’s Net Metering facility may cause.