

Issued March 21, 1984  
Revised January 28, 2021  
Effective with meters read  
on and after January 01, 2026

## Rate Schedule "R"

### GUAM POWER AUTHORITY

#### SCHEDULE "R"

##### Residential Service

###### Availability:

Applicable to single phase and three phase residential lighting, heating, cooking, air conditioning and power in a single-family dwelling unit metered and billed separately by the Authority. This schedule does not apply where residence and business are combined nor where the average daily consumption is more than 200 kilowatt hours per day. A Residential (Schedule R) customer will be transferred to the Small General Demand rate schedule (Schedule J), if the customer's average daily kWh consumption exceeds 200 kWh per day for any (6) six of the customer's last (12) twelve billing months.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

###### Monthly Rate:

###### Non-Fuel Energy Charge

First 500 kWh per month	- per kWh	\$0.08086
Over 500 kWh per month	- per kWh	\$0.11540
Customer Charge	- per month	\$25.00

###### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

###### Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when the Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when the Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

###### Emergency Water Well and Wastewater Charge:

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh in excess of 500 kilowatt hour usage, will be billed monthly unless otherwise ordered by the Commission.

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## **Rate Schedule "R"**

### **SCHEDULE "R" (Continued)**

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Apartment House Collection Arrangement:**

Any apartment owner having (3) three or more apartments at one location, each apartment being separately metered and billed on the above rate, may elect to accept a discount of ten percent (10%) of the amount of the bills rendered for each apartment, but not to exceed \$5.00 per month for each apartment, upon entering into the following collection agreement with the Authority under the following terms and conditions:

1. All accounts shall be kept in the name of the apartment house owner who shall assume the responsibility for the prompt payment of all bills.
2. All accounts shall remain active at all times. Individual apartments cannot be added to or deleted from this agreement more often than once in (12) twelve months.
3. The Authority will render individual bills for each apartment on a regular billing period basis and will also furnish a statement showing gross and net billings.

#### **Multi-Family Dwellings:**

In apartment buildings or other residential premises where additional dwelling units are created by alterations or modifications to the premises and where the separate metering and billing by the Authority of the service used in each dwelling unit is impractical, the service may be supplied through a single meter. In such instances the above rate shall be increased by \$1.50 per month for each dwelling unit on the premises.

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## **Rate Schedule "R"**

### **SCHEDULE "R" (Continued)**

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

Issued January 28, 2021  
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## Rate Schedule "D"

### GUAM POWER AUTHORITY

#### SCHEDULE "D"

##### Condominium Service

##### Availability:

Applicable to condominium with master meter servicing multiple dwelling units not individually metered. The schedule does not apply to meters servicing only the common area(s) of the condominium or apartment.

The schedule is available for condominium in service or applied before January 28, 2021. The customer may make an election to transfer from its current rate to Condominium or Apartment Services rate schedule (Schedule D). When the customer is transferred to Rate Schedule D, the customer must remain on that rate schedule for a minimum of (36) thirty-six consecutive billing months.

After an eligible election is made, the new rate schedule will be applied and billed at the next billing cycle.

##### Monthly Rate:

Energy Charge:	-per kWh	\$0.08439
Demand Charge:		
Per Kw of billing demand per month	- per Kw	\$16.01
Customer Charge:	- per month	\$80.50

##### Determination of Demand:

The maximum demand for each month shall be the maximum average load in Kw during any fifteen-minute period as indicated by a demand meter. The billing demand for each month shall be the maximum demand for such month or, 85% of the customer's highest metered maximum demand for the preceding (11) eleven months.

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## **Rate Schedule "D"**

### **SCHEDULE "D" (Continued)**

#### **Fuel Recovery Charge:**

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

#### **Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when the Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges

Schedule B – Service Establishment Charges

Schedule C – Net Metering

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## Rate Schedule "G"

### GUAM POWER AUTHORITY

#### SCHEDULE "G"

##### General Service - Non-Demand

###### Availability:

Applicable to general light and/or power supplied through a single meter where the consumption is less than 5,000 kWh per month. A Small General Non-Demand (Schedule G) customer will be transferred to the Small General Demand rate schedule (Schedule J), if the customer's average daily kWh consumption exceeds 200 kWh per day for any (6) six of the customer's last (12) twelve billing months.

A Small Non-Demand (Schedule G) customer whose monthly consumption is below 5,000 kWh per month in each of the customer's last (12) twelve billing months and who otherwise qualifies for service under Schedule R, will be transferred to Schedule R.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

Service will be delivered at secondary voltages as specified by the Authority, except that where the nature or location of the customer's load makes delivery at secondary voltage impractical, the Authority may, at its option, deliver the service at a nominal primary voltage as specified by the Authority. Service supplied at primary voltage shall be subject to the special terms and conditions set forth below.

###### Monthly Rate:

###### For Single Phase Service:

First 350 kWh per month	- per kWh	\$0.26927
Over 350 kWh per month	- per kWh	\$0.14722
Customer Charge:	- per Month	\$19.25

###### For Three Phase Service:

First 500 kWh per month	- per kWh	\$0.26561
Over 500 kWh per month	- per kWh	\$0.14405

Customer Charge:	- per month	\$19.50
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###### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

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## **Rate Schedule "G"**

### **SCHEDULE "G" (Continued)**

#### **Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges

Schedule B - Service Establishment Charges

Schedule C – Net Metering

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## Rate Schedule "J"

### GUAM POWER AUTHORITY

#### SCHEDULE "J"

##### General Service - Demand

###### Availability:

Applicable to general light and/or power supplied through a single meter and for residential service with consumption in excess of 200 kilowatt hours per day. A Small General Demand (Schedule J) customer will be transferred to the Large Power rate schedule (Schedule P), if the customer's billing demand exceeds 200 kW for any (6) six of the customer's last (12) twelve billing months.

A Small General Demand (Schedule J) customer will be transferred to Small General Non-Demand (Schedule G) service, if the customer's kWh consumption in less than 5,000 kWh per month in each of the customer's last (6) six billing months.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

Service will be delivered at secondary voltages as specified by the Authority, except that where the nature or location of the customer's load makes delivery at secondary voltage impractical, the Authority may, at its option, deliver the service at a nominal primary voltage as specified by the Authority. Service supplied at primary voltage shall be subject to the special terms and conditions set forth below.

###### Monthly Rate:

###### For Single Phase Service:

###### Energy Charge:

First 2,000 kWh per month	- per kWh	\$0.26491
Over 2,000 kWh per month	- per kWh	\$0.09061

###### Demand Charge:

Per kW of billing demand per month	- per kW	\$8.18
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## Rate Schedule "J"

### SCHEDULE "J" (Continued)

For Three Phase Service:

Energy Charge:

First 5,000 kWh per month	- per kWh	\$0.26205
Over 5,000 kWh per month	- per kWh	\$0.08978

Demand Charge:

Per kW of billing demand per month	- per kW	\$7.71
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Customer Charge : - per month	\$52.10
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Determination of Demand:

The maximum demand for each month shall be the maximum average load in kW during any fifteen-minute period as indicated by a demand meter. The billing demand for each month shall be the maximum demand for such monthly but not less than 85% of the greatest maximum demand for the preceding (11) eleven months nor less than 10 kW, for customers with a demand meter. If a customer does not have a demand meter, the billing demand will be the average demand multiplied by the demand factor of 1.7571 that is derived from most recent Load Research Study.

Voltage Level Discounts:

Bills also include voltage discounts. Details regarding the specific charges applicable to this service are listed below.

Voltage level discounts are a percentage of monthly per kW (demand) and per kWh (energy) charges.

Customers who receive service at Primary Voltage will receive a 2% discount off their demand and energy charges.

Customers who receive service at Transmission Transformed Voltage (34.5 kV) or above will receive a 3% discount off their demand and energy charges.

Primary:	2%
Transmission: 34.5 kV	3%
Transmission: 115 kV	3%

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## **Rate Schedule "J"**

### **SCHEDULE "J" (Continued)**

#### **Fuel Recovery Charge:**

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

#### **Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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## Rate Schedule "P"

### GUAM POWER AUTHORITY

#### SCHEDULE "P"

##### Large Power Service

###### Availability:

Applicable to large light and/or power service supplied and metered at a single voltage and delivery point, with demand of 200 kW or more. A Large Power (Schedule P) customer will be transferred to Small General Demand service (Schedule J), if the customer's monthly billing demand for each of the customer's last (6) six billing months, is less than 200 kW.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

###### Monthly Rate:

###### Energy Charge:

First 55,000 kWh per month	- per kWh	\$0.19224
Over 55,000 kWh per month	- per kWh	\$0.08936

###### Demand Charge:

Per kW of billing demand per month	- per kW	\$11.90
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Customer Charge:	- per month	\$80.50
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###### Determination of Demand:

The maximum demand for each month shall be the maximum average load in kW during any fifteen-minute period as indicated by a demand meter. The billing demand for each month shall be the maximum demand for such month or, 85% of the customer's highest metered maximum demand for the preceding (11) eleven months nor less than 200 kW, for customers with a demand meter.

###### Power Factor:

The above demand and energy charges are based upon an average monthly power factor of 85%. For each 1% the average power factor is above 87% or below 83%, the monthly bill is computed under energy charges shall be decreased or increased, respectively, by 0.15%. The power factor will be computed to the nearest whole percent.

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## Rate Schedule "P"

### SCHEDULE "P" (Continued)

In no case, however, shall the power factor be taken as more than 100% for the purpose of computing the adjustment.

The average monthly power factor will be determined from the readings of a kWh meter and kVARh meter. The kVARh meter shall be ratcheted to prevent reversal in the event the power factor is leading at any time.

#### Special Terms and Conditions:

##### Voltage Level Discounts

Bills also include voltage discounts. Details regarding the specific charges applicable to this service are listed below.

Voltage level discounts are a percentage of monthly per kW (demand) and per kWh (energy) charges.

Customers who receive service at Primary Voltage will receive a 2% discount off their demand and energy charges.

Customers who receive service at Transmission Transformed Voltage (34.5 kV) or above will receive a 3% discount off their demand and energy charges.

Primary:	2%
Transmission: 34.5 kV	3%
Transmission: 115 kV	3%

##### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

##### Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

##### Emergency Water Well and Wastewater Charge:

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

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## **Rate Schedule "P"**

### **SCHEDULE "P" (Continued)**

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Terms of Contract:**

Not less than (1) one year.

#### **Negotiated Rate:**

If a customer provides evidence of a viable alternative to remaining connected to the island wide power system, the Authority retains the ability to negotiate a lower rate than reflected in this schedule, subject to a 60 day review of the Public Utilities Commission.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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**Rate Schedule "I"**

**GUAM POWER AUTHORITY**

**SCHEDULE "I"**

**Independent Power Producer Service**

**Availability:**

Applicable to customers that are parties to energy conversion agreements with GPA wherein GPA provides fuel to the contractor and the contractor provides all energy produced to GPA.

**Monthly Rate:**

**Energy Charge:**

First 55,000 kWh per month	- per kWh	\$0.09946
Over 55,000 kWh per month	- per kWh	\$0.05329

**Demand Charge:**

Per kW of billing demand per month	- per kW	\$1.00
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Customer Charge:	- per month	\$59.25
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**Determination of Demand:**

The maximum demand for each month shall be the maximum average load in kW during any fifteen-minute period as indicated by a demand meter.

**Power Factor:**

The above demand and energy charges are based upon an average monthly power factor of 85%. For each 1% the average power factor is above 87% or below 83%, the monthly bill is computed under energy charges shall be decreased or increased, respectively, by 0.15%. The power factor will be computed to the nearest whole percent.

Issued October 01, 2012  
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## Rate Schedule "I"

### SCHEDULE "I" (Continued)

In no case, however, shall the power factor be taken as more than 100% for the purpose of computing the adjustment.

The average monthly power factor will be determined from the readings of a kWh meter and kVArh meter. The kVArh meter shall be ratcheted to prevent reversal in the event the power factor is leading at any time.

#### Special Terms and Conditions:

##### Voltage Level Discounts

Bills also include voltage discounts. Details regarding the specific charges applicable to this service are listed below.

Voltage level discounts are a percentage of monthly per kW (demand) and per kWh (energy) charges.

Customers who receive service at Primary Voltage will receive a 2% discount off their demand and energy charges.

Customers who receive service at Transmission Transformed Voltage (34.5 kV) or above will receive a 3% discount off their demand and energy charges.

Primary:	2%
Transmission: 34.5 kV	3%
Transmission: 115 kV	3%

##### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

##### Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

##### Emergency Water Well and Wastewater Charge:

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

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## **Rate Schedule "I"**

### **SCHEDULE "I" (Continued)**

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge also allows adjustments every (6) six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Terms of Contract:**

Not less than (1) one year.

#### **Negotiated Rate:**

If a customer provides evidence of a viable alternative to remaining connected to the island wide power system, the Authority retains the ability to negotiate a lower rate than reflected in this schedule, subject to a 60 day review of the Public Utilities Commission.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering



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## Rate Schedule "H"

### GUAM POWER AUTHORITY

#### SCHEDULE "H"

##### Private Outdoor Lighting

###### Availability:

Applicable to private outdoor lighting service where the Authority owns, maintains and operates such facilities.

###### Rate:

###### Energy Charge:

All kilowatt-hours per month - per kWh \$0.15008

###### FIXTURE CHARGE: (To be added to the Energy Charge)

<u>Lamp Type</u>	<u>Wattage</u>	<u>kWh per month</u>	<u>Amount per lamp per month</u>
High-Intensity Discharge	400	163	\$38.51
High Pressure Sodium (Lucalox)	250	101	\$34.14
High Pressure Sodium (HPS)	150	54	\$24.94
Light Emitting Diode (LED 250)	120	43.2	\$34.14
Light Emitting Diode (LED 150)	67	24.1	\$24.94

###### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service based on the above kWh.

###### Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

###### Working Capital Fund Surcharge:

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

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## Rate Schedule "H"

### SCHEDULE "H" (Continued)

#### Terms and Conditions:

1. Determination of Energy:

Standard service will be unmetered dusk to dawn service. The kilowatt-hours shall be the average kWh use per month by lamp type.

2. Standard Equipment Furnished:

Bracket or mast arm construction will be furnished and attached to existing wooden poles and secondary voltage.

3. Other Than Standard Equipment:

Where the customer requests the installation of other than the standard equipment be furnished by the Authority, including underground, and such requested equipment is acceptable to the Authority, the Authority will install the requested equipment provided the customer agrees to make a contribution of the estimated difference in cost installed between such equipment and standard equipment.

Contributions made for this purpose will not be refunded. Where the customer requests fixtures to be installed on electroliers or other ornamental standards that are acceptable to the Authority, in lieu of making the contribution, the customer may elect to pay added facilities charge of 2% per month of the added investment required for such facilities. Facilities installed in connection with such agreements become and remain the sole property of the utility.

4. Replacement Cost:

Where the customer requests an existing street lighting fixture or electrolier be replaced with another type within 60 months from the date of the original installation of the equipment to be replaced, the customer shall make contribution to the estimated cost of the new equipment installed plus the cost of the removal of the existing equipment.

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## **Rate Schedule "H"**

### **SCHEDULE "H" (Continued)**

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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## Rate Schedule "S"

### GUAM POWER AUTHORITY

#### SCHEDULE "S"

##### Small Government Service - Non-Demand

###### Availability:

Applicable to general light and/or power supplied through a single meter where the consumption is less than 5,000 kWh per month. A Small Government Non-Demand (Schedule S) customer will be transferred to the Small Government Demand rate schedule (Schedule K), if the customer's average daily kWh consumption exceeds 200 kWh per day for any (6) six of the customer's last (12) twelve billing months.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

Service will be delivered at secondary voltages as specified by the Authority, except that where the nature or location of the customer's load makes delivery at secondary voltage impractical, the Authority may, at its option, deliver the service at a nominal primary voltage as specified by the Authority. Service supplied at primary voltage shall be subject to the special terms and conditions set forth below.

###### Monthly Rate:

###### For Single Phase Service:

First 350 kWh per month	- per kWh	\$0.26927
Over 350 kWh per month	- per kWh	\$0.14722

Customer Charge:	- per month	\$19.25
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###### For Three Phase Service:

First 500 kWh per month	- per kWh	\$0.26561
Over 500 kWh per month	- per kWh	\$0.14405

Customer Charge:	- per month	\$19.50
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###### Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

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## **Rate Schedule "S"**

### **SCHEDULE "S" (Continued)**

#### **Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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## Rate Schedule "K"

### GUAM POWER AUTHORITY

#### SCHEDULE "K"

##### Small Government Service - Demand

###### Availability:

Applicable to general light and/or power supplied through a single meter and for residential service with consumption in excess of 200 kilowatt hours per day. A Small Government Demand (Schedule K) customer will be transferred to Small Government Non-Demand (Schedule S) service, if the customer's monthly consumption in each of the customer's last (6) six billing months is less than 5,000 kWh.

A Small Government Demand (Schedule K) customer will be transferred to the Large Government rate schedule (Schedule L), if the customer's billing demand exceeds 200 kW for any (6) six of the customer's last (12) twelve billing months.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

Service will be delivered at secondary voltages as specified by the Authority, except that where the nature or location of the customer's load makes delivery at secondary voltage impractical, the Authority may, at its option, deliver the service at a nominal primary voltage as specified by the Authority. Service supplied at primary voltage shall be subject to the special terms and conditions set forth below.

###### Monthly Rate:

###### For Single Phase Service:

###### Energy Charge:

First 2,000 kWh per month	- per kWh	\$0.26491
Over 2,000 kWh per month	- per kWh	\$0.09061

###### Demand Charge:

Per kW of billing demand per month	- per kW	\$8.18
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Customer Charge:		\$52.10
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## Rate Schedule "K"

### SCHEDULE "K" (Continued)

For Three Phase Service:

Energy Charge:

First 5,000 kWh per month	- per kWh	\$0.26205
Over 5,000 kWh per month	- per kWh	\$0.08978

Demand Charge:

Per kW of billing demand per month	- per kW	\$7.71
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Customer Charge:	- per month	\$52.10
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Determination of Demand:

The maximum demand for each month shall be the maximum average load in kW during any fifteen-minute period as indicated by a demand meter. The billing demand for each month shall be the maximum demand for such monthly but not less than 85% of the greatest maximum demand for the preceding (11) eleven months nor less than 10 kW, for customers with a demand meter. If a customer does not have a demand meter, the billing demand will be the average demand multiplied by the demand factor of 2.07676 that is derived from most recent Load Research Study.

Voltage Level Discounts:

Bills also include voltage discounts. Details regarding the specific charges applicable to this service are listed below.

Voltage level discounts are a percentage of monthly per kW (demand) and per kWh (energy) charges.

Customers who receive service at Primary Voltage will receive a 2% discount off their demand and energy charges.

Customers who receive service at Transmission Transformed Voltage (34.5 kV) or above will receive a 3% discount off their demand and energy charges.

Primary:	2%
Transmission: 34.5 kV	3%
Transmission: 115 kV	3%

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## **Rate Schedule "K"**

### **SCHEDULE "K" (Continued)**

#### **Fuel Recovery Charge:**

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

#### **Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering



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## Rate Schedule "L"

### GUAM POWER AUTHORITY

#### SCHEDULE "L"

##### Large Government Service

###### Availability:

Applicable to large light and/or power service supplied and metered at a single voltage and delivery point, with demand of 200 kW or more. A Large Government (Schedule L) customer will be transferred to Small General Demand service (Schedule K), if the customer's monthly billing demand for each of the customers last (6) six billing months, is less than 200 kW.

When transferred to a new rate schedule, the customer must remain on that rate schedule for a minimum of (6) six billing months.

###### Monthly Rate:

###### Energy Charge:

First 55,000 kWh per month	- per kWh	\$0.19224
Over 55,000 kWh per month	- per kWh	\$0.08936

###### Demand Charge:

Per kW of billing demand per month	- per kW	\$11.90
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Customer Charge:	- per month	\$80.50
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###### Determination of Demand:

The maximum demand for each month shall be the maximum average load in kW during any fifteen-minute period as indicated by a demand meter. The billing demand for each month shall be the maximum demand for such month or, 85% of the customer's highest metered maximum demand for the preceding (11) eleven months nor less than 200 kW, for customers with a demand meter.

###### Power Factor:

The above demand and energy charges are based upon an average monthly power factor of 85%. For each 1% the average power factor is above 87% or below 83%, the monthly bill is computed under energy charges shall be decreased or increased, respectively, by 0.15%. The power factor will be computed to the nearest whole percent.

In no case, however, shall the power factor be taken as more than 100% for the purpose of computing the adjustment.

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## Rate Schedule "L"

### SCHEDULE "L" (Continued)

The average monthly power factor will be determined from the readings of a kWh meter and kVArh meter. The kVAH meter shall be ratcheted to prevent reversal in the event the power factor is leading at any time.

Special Terms and Conditions:

Voltage Level Discounts:

Bills also include voltage discounts. Details regarding the specific charges applicable to this service are listed below.

Voltage level discounts are a percentage of monthly per kW (demand) and per kWh (energy) charges.

Customers who receive service at Primary Voltage will receive a 2% discount off their demand and energy charges.

Customers who receive service at Transmission Transformed Voltage (34.5 kV) or above will receive a 3% discount off their demand and energy charges.

Primary:	2%
Transmission: 34.5 kV	3%
Transmission: 115 kV	3%

Fuel Recovery Charge:

The Fuel Recovery Charge, as specified in Schedule "Z", will be added to each bill for service.

Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

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## **Rate Schedule "L"**

### **SCHEDULE "L" (Continued)**

#### **Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Terms of Contract:**

Not less than (1) one year.

#### **Negotiated Rate:**

If a customer provides evidence of a viable alternative to remaining connected to the island wide power system, the Authority retains the ability to negotiate a lower rate than reflected in this schedule, subject to a 60 day review of the Public Utilities Commission

#### **Rules:**

Service supplied under this rate shall be subject to the Service Rules of the Authority.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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**Rate Schedule "M"**

**GUAM POWER AUTHORITY**

**SCHEDULE "M"**

**Standby, Auxiliary, Supplementary or Breakdown Service  
for Customers with Demands of 200 Kilowatts or More**

**Applicability:**

Applicable to Customers of the Guam Power Authority (Authority) having generating facilities on their premises that have an electrical capacity in excess of 200 kilowatts and are interconnected with the Authority's electric system, and whose net generation exceeds 10% of the customer's Total Load. Such Total Load shall be determined with reference to the (12) twelve months prior to the installation of the generating facilities or for the latest (12) twelve months for customers with existing generation.

The Authority shall provide a standard contract form to the customer and the customer shall submit to the Authority an executed contract for service under this schedule and must comply with all of the requirements for interconnection with the Authority as specified in the standard interconnection requirements provision of the Tariff.

This Schedule will not apply where the Customer's own generating facilities are used exclusively for emergency service in case of failure of the normal supply from the Authority or where the Customer has a contract with the Authority to both purchase and sell firm electricity. This Schedule also shall not apply to Customers who separate electrically from the Authority's power system when service from the Authority is not available to the Customer.

**Type of Service:**

The Authority will furnish power for standby service hereunder. The type of service supplied will depend upon the voltage level of interconnection with the Authority.

**Definitions:**

**Total Load:** The total required electrical capacity of a Customer in kilowatts, averaged over an interval of 15 minutes, including the capacity supplied by Customer's generation facilities in that interval.

**Contract Standby Demand:** The level of capacity in kilowatts that the Customer requires during instances when the Customer's on-site generation is experiencing a full or partial outage and that is not matched by a commensurate reduction in use. The Contract Standby Demand shall not exceed the Customer's total on-site generation capacity.

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## Rate Schedule "M"

### SCHEDULE "M" (Continued)

**Coordinated Maintenance Period:** Any period during which one or more of Customer's generation units are shut down for maintenance and the Authority has accepted in advance the Customer's notice of such maintenance

**Standby Demand:** The level of capacity in kilowatts that is calculated as the Contract Standby Demand less the Customer's generation in an interval. In no instance will the Standby Demand be less than zero.

**Standby Energy:** Standby Energy volume will equal the sum of kilowatthours that is calculated as the Contract Standby Demand less the Customer's generation in each hour of the monthly billing period as measured by interval metering.

**Contract Supplemental Demand:** The level of capacity in kilowatts that the Customer requires in excess of the Customer's net generation.

**Supplemental Demand:** The level of capacity in kilowatts in any interval equal to the Total Load in the interval minus the sum of any Standby Demand and the Customer's net generation taken in that interval.

**Supplemental Energy:** Supplemental Energy volume will equal total kilowatthours delivered by GPA minus Standby Energy for the billing period.

**24-Hour Day:** A 24-hour period beginning at 12:00 midnight standard time and concluding at 12:00 midnight on the following day.

**Annual Outage Rate:** The number of hours in (12) twelve consecutive months in which Customer's generating facilities are out of service divided by 8,760 hours.

This Schedule is not available for purchase by the Authority of the entire output of the Customer's generator in excess of auxiliary load.

#### **Customer Charge:**

The Customer Charge per month shall be \$484.00.

#### **Standby Service:**

- I. Monthly Charge - Contract Standby Demand  
\$19.93 per kW-mo + \$0.22 per kW-mo for each percentage point by which Customer's Annual Outage Rate exceeds 5%, with a maximum charge of \$25.43 per kW-mo.

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## **Rate Schedule "M"**

### **SCHEDULE "M" (Continued)**

#### **II. Daily Charge – As-Used Standby Demand**

\$2.49 per kW-day - \$0.03 per kW-day for each percentage point by which Customer's Annual Outage Rate exceeds 5%, with a minimum charge of \$1.74 per kW-day.

The As-Used demand charges will be based on the maximum Standby Demand in each 24-hour day during the month for which the bill is rendered, measured as the highest 15 minute interval of standby demand occurring in each 24-hour day.

The Annual Outage Rate shall be calculated annually each October, using actual performance data for the most recent (12) twelve months ending in September, and shall be rounded to the nearest whole percentage point. For new facilities with less than (12) twelve full months of historical data for the calculation period, the Annual Outage Rate shall be deemed to be 10%.

Customer shall provide the Authority with 30 days advance written notice of planned maintenance outages, specifying the starting date and duration of the planned outage. Outages that are coordinated and accepted by the Authority will not count towards the Contract Standby Demand.

#### **Coordination of Outage:**

If the Customer chooses to work together with the Authority to schedule a maintenance outage taking into consideration GPA's generation maintenance schedule and capacity available in the GPA System, coordinated outage rules will apply. Coordinated Maintenance Periods shall not include more than sixty (60) weekday hours between 6 p.m. and 9 p.m., in any twelve month period. The Authority shall not unreasonably withhold its acceptance of proposed maintenance schedules. The daily charge for As-Used Standby Demand shall be waived during days in a Coordinated Maintenance Period

#### **Supplemental Service:**

The Authority will provide supplemental service to the Customer in an amount equal to the Customer's Supplemental Demand under the standard demand and non-fuel energy rates and terms that would otherwise apply to the Customer without its own generation facilities.

#### **Fuel Charges Applicable to Standby Service:**

The fuel charges shall be determined monthly based on the Standby Energy kWh measured in the billing month and shall be charged the applicable Schedule "Z" charge per kWh.

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**Rate Schedule "M"**

**SCHEDULE "M" (Continued)**

**Insurance Charge:**

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

**Emergency Water Well and Wastewater Charge:**

An Emergency Water Well and Wastewater charge of \$0.00279 per kWh will be billed monthly unless otherwise ordered by the Commission.

**Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge of was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement

**Purchase of Excess Energy:**

The Authority may purchase excess energy from the Customer when the Customer's generation output exceeds the Customer's load in an interval, at the applicable Schedule "Z" charge per kWh.

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## **Rate Schedule "M"**

### **SCHEDULE "M" (Continued)**

#### **Metering:**

Separate meters may be installed for the measurement of supplemental energy provided by the Authority and excess energy purchased by the Authority under this Schedule. Any excess issued energy meter shall be equipped with compensation to reflect delivery of such energy to the high voltage side of the transformer installation.

In the event the Customer requests an additional meter for standby service, the customer shall pay the cost of the meter and installation.

#### **Power Factor Correction:**

When the average monthly power factor of the power required by the Customer from the Authority is less than 95 percent, The Authority may correct the integrated demand in kilowatts for that month by multiplying by 95 percent and dividing by the average power factor in percent for that month. When the average monthly power factor of the power supplied by the Customer to the Authority is less than 90 percent or greater than 97 percent, the Authority may correct the maximum integrated on-peak demand in kilowatts or the energy in kilowatt-hours, as appropriate. The Authority reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of the Authority.

#### **Limitation of Capacity:**

The Authority shall not be required to supply electricity at a rate greater than the "Contract" demand and may, at its option, limit the capacity of the service connection to conform with the "Contract" demand. The circuit breaker and other equipment necessary for the purpose shall be paid for by the customer but will be maintained and operated by the Authority.

#### **Parallel Operation:**

The operation of the customer's plant in parallel with the Authority's system will be permitted when special approval is granted by the Authority in which case the Authority shall specify the terms and conditions for such parallel operation.



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## Rate Schedule "M"

### SCHEDULE "M" (Continued)

#### Special Terms and Conditions:

##### Special Facilities:

1. Special facilities are considered to be existing, enlarged or new facilities installed and/or used by the utility at the applicant's request in addition to, as enlargements of, as alternate to, or in substitution for, the standard facilities which the utility would normally install or use and which represents additional costs to the utility over normally installed facilities. Except where provided by rate schedule, installation of special facilities will be made, provided the type of special facilities requested is acceptable to the utility and the utility agrees to the installation of the special facilities, under the following conditions:
  - a. The applicant for special facilities is also an applicant for permanent contract electric service under this schedule or is a customer for permanent electric service at the same location.
  - b. The applicant will execute a contract covering the installation of special facilities as part of the contract for service hereunder. In addition to providing for the payment of charges as determined under a regularly filed rate schedule, the contract will provide for the following:
    - (1) The payment of a facility charge equal to 2.25% per month of the estimated installed cost of the special facilities as determined by the utility.
    - (2) The payment of the net amount of the sum of the estimated installed cost of the special facilities added, plus the estimated cost of removal of these special facilities less the estimated salvage value of removal materials. This payment will be made in the event the applicant terminates the use of the special facilities at any time within (5) five years immediately following the date the special facilities are ready for service to applicant.
2. Where, at the Authority's election, special facilities have been or are to be provided to service a customer under this schedule, the contract hereunder will incorporate the above mentioned terms as applicable in addition to other provisions contained in this schedule.

##### Rules:

Service supplied under this rate shall be subject to the Service Rules of the Authority.

##### Riders:

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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## Rate Schedule "F"

### GUAM POWER AUTHORITY

#### SCHEDULE "F"

##### Streetlighting

###### Availability:

Applicable to public outdoor lighting service where the Authority owns maintains and operates such facilities.

###### Rate:

###### Energy Charge:

All kilowatt-hours per month - per kWh \$0.07481

###### FIXTURE CHARGE: (To be added to the Energy Charge)

<u>Lamp Type</u>	<u>Wattage</u>	<u>kWh per month</u>	<u>Amount per lamp per month</u>
High-Intensity Discharge	400	163	\$38.67
High Pressure Sodium (Lucalox)	250	101	\$34.28
High Pressure Sodium (HPS)	150	54	\$25.04
Light Emitting Diode (LED 250)	120	43.2	\$34.28
Light Emitting Diode (LED 150)	67	24.1	\$25.04

###### Fuel Recovery Charge:

The fuel adjustment cost, as specified in Schedule "Z", will be added to each bill for service based on the above kWh.

###### Insurance Charge:

An insurance charge of \$0.00290 per kWh shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the Navy insurance charge.

###### Working Capital Fund Surcharge:

A Working Capital Fund (WCF) Surcharge was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

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## **Rate Schedule "F"**

### **SCHEDULE "F" (Continued)**

#### Terms and Conditions:

##### 1. Determination of Energy:

Standard service will be unmetered dusk to dawn service.  
The kilowatt-hours shall be the average kWh use per month by lamp type.

##### 2. Standard Equipment Furnished:

Bracket or mast arm construction will be furnished and attached to existing wooden poles and secondary voltage.

##### 3. Other Than Standard Equipment:

Where the customer requests the installation of other than the standard equipment be furnished by the Authority, including underground, and such requested equipment is acceptable to the Authority, the Authority will install the requested equipment provided the customer agrees to make a contribution of the estimated difference in cost installed between such equipment and standard equipment.

Contributions made for this purpose will not be refunded. Where the customer requests fixtures to be installed on electroliers or other ornamental standards that are acceptable to the Authority, in lieu of making the contribution, the customer may elect to pay added facilities charge of 2% per month of the added investment required for such facilities. Facilities installed in connection with such agreements become and remain the sole property of the utility.

##### 4. Replacement Cost:

Where the customer requests an existing street lighting fixture or electrolier be replaced with another type within 60 months from the date of the original installation of the equipment to be replaced, the customer shall make contribution to the estimated cost of the new equipment installed plus the cost of the removal of the existing equipment.

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**Rate Schedule "F"**

**SCHEDULE "F" (Continued)**

Rules:

Service supplied under this rate shall be subject to the Service Rules of the Authority.

Riders:

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C - Net Metering

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## Rate Schedule "N"

### GUAM POWER AUTHORITY

#### SCHEDULE "N"

##### Navy Service

###### Availability:

Applicable to power service supplied to the Navy and metered at all delivery points to the Navy and metered at 34.5 kV.

###### Customer Agreement:

All services to Navy shall be subject to the provisions of that service contract between the Authority and Navy effective August 1, 2022, ("Utility Service Agreement"), as amended.

###### Monthly Rate:

###### Demand Charge:

All kW of Maximum Billing Demand per month - per kW \$45.11

###### Non-Fuel Energy Charge:

All kWh per month, excluding an insurance charge	- per kWh \$0.00600
-----------------------------------------------------	---------------------

Customer Charge	- per month \$12,000
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Insurance Charge per kWh per month	- per kWh \$0.00070
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###### Determination of Demand:

The Maximum Billing Demand for each month shall be the greater of 51,200 kW and the maximum combined load on Navy's meters in kW during any 30-minute period, beginning January 1, 2026, irrespective which month such demand occurred after January 1, 2026. The billing demand for each month shall be as determined through application of the relevant provisions of the Customer Agreement.

###### Insurance Charge:

The insurance charge shall be billed monthly unless suspended by the Authority when Commission insurance reserve criteria have been met. The Authority may reinstate the insurance charge when Commission reinstatement criteria have been met. The insurance charge will be suspended or reinstated in conjunction with the civilian insurance charge.

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## **Rate Schedule "N"**

### **SCHEDULE "N" (Continued)**

#### **Working Capital Fund Surcharge:**

A Working Capital Fund (WCF) Surcharge was established by the Public Utilities Commission (PUC) on June 20, 2011. The surcharge allows adjustments every six months to enable the Authority to recover increases or decreases in the Working Capital Fund Requirement caused by the increasing or decreasing price of fuel. GPA will petition the PUC in conjunction with its Levelized Energy Adjustment Clause filings every June 15 and December 15 for the increase or decrease required to ensure the Authority is able to meet this funding requirement.

#### **Power Factor:**

The power factor adjustment shall be calculated for each bill through application of the relevant provisions of the Customer Agreement. The average monthly power factor will be determined from the readings of kWh meters and kVArh meters. The kVArh meter shall be ratcheted to prevent reversal in the event the power factor is leading at any time.

#### **Special Terms and Conditions:**

##### **Supply Voltage Delivery:**

Navy shall take delivery at the 34.5 kV level.

#### **Fuel Clause:**

The fuel factor from the Navy Fuel Adjustment Clause, as specified in the Customer Agreement will be added to each bill for service.

#### **Wheeling Rate:**

The following charges are applicable to Navy usage of the Authority distribution facilities to wheel power.

Non-NCS Wheeling Rate      - per kWh \$0.02000

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## **Rate Schedule "N"**

### **SCHEDULE "N" (Continued)**

#### **Rules:**

Service supplied under this rate shall be subject to the relevant provisions of the Utility Service Contract.

#### **Other Services:**

Such other services as the Authority may provide to Navy from time to time shall be subject to the relevant service and rate provisions of the Utility Service Contract.

#### **Riders:**

Charges in addition to the above are applicable under certain conditions more specifically set forth and incorporated herein.

Schedule A - Accommodation Service Charges  
Schedule B - Service Establishment Charges  
Schedule C – Net Metering

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## Rate Schedule "A"

### GUAM POWER AUTHORITY

#### SCHEDULE "A"

##### Accommodation Service Charges

##### APPLICABILITY:

This schedule is applicable to all ratepayers.

##### RETURNED CHECKS:

Any check tendered in payment of an electric bill and returned by the bank for any non-payment reason shall be subject to a \$30.00 handling charge. Customers failing to meet payment requirements will be subject to disconnection of service for non-payment of bills in accordance with of the Guam Power Authority Service Rules and Regulations.

##### FIELD COLLECTOR CHARGE:

An \$18.00 fee will be assessed to all customers to cover labor, transportation and administrative costs for processing disconnections, whether or not the crew actually performed the disconnection of customer(s). *(This charge will be assessed to customers once GPA schedules and makes the attempt to disconnect. GPA has incurred the costs to do so. There are those customer(s) who are scheduled to be disconnected, but for one reason or another is able to provide payment to the crew out on the field to avoid the actual disconnection of power).*

##### RECONNECTION CHARGE:

1. The following fees will be applied for all reconnection of services due to non-payment. These fees are in lieu of the \$25 Reconnection Charges prescribed in Section 6.H of the Guam Power Authority Service Rules and Regulations.

- |    |                                                    |           |
|----|----------------------------------------------------|-----------|
| a. | Self Contained Meter (Rated Less than 200 Amps)    | \$ 25.00  |
| b. | Residential Smart Meter (Rated Less than 200 Amps) | \$ 10.00  |
| c. | CT Meter (Rated Greater than 200 Amps)             | \$ 125.00 |

2. An additional charge to Item 1 above will be assessed in the event a customer requests that electric service be turned on for reconnections due to non-payment *outside of the regular business hours* (Monday through Friday 7:00 a.m. to 5:00 p.m.), or *within (24) twenty-four hours* after his request or on Saturday, Sunday or Holidays. The additional charges will be imposed as follows:

- |    |                                                    |          |
|----|----------------------------------------------------|----------|
| a. | Self Contained Meter (Rated Less than 200 Amps)    | \$ 25.00 |
| b. | Residential Smart Meter (Rated Less than 200 Amps) | \$ 10.00 |
| c. | CT Meter (Rated Greater than 200 Amps)             | \$ 40.00 |



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## **Rate Schedule "A"**

### **SCHEDULE "A" (Continued)**

#### **ENERGY ANALYZER:**

A \$100.00 deposit will be assessed to customers who request Energy Analyzer services, where a customer has requested a test more often than once in (12) months. This deposit includes labor, transportation and administrative costs for processing Energy Analyzer requests. The deposit will be returned to the customer if the analyzer results indicate a power quality problem originating from the line or source side of the GPA point of connection.

#### **METER CHANGE-OUT/TEST/CALIBRATION:**

A \$100.00 deposit will be required for Meter Change-Outs, Tests, or Calibrations, where a customer has requested a test more often than once in (12) twelve months. This deposit will be returned to the customer if the meter is found to register more than 2% fast or 2% slow.

#### **RE-READS/SPECIAL READS:**

A fee of \$25.00 will be assessed for special reads and/or re-reads and is subject to refund if the re-reads are caused by the Authority's reading error.

#### **RE-INSPECTION FEES:**

A fee of \$50.00 per hour will be implemented for repeat inspections as a result of infractions from the contractor inclusive of the following:

1. Not following approved plans;
2. Missed inspection schedules; and
3. Poor workmanship.

#### **CONVENIENCE FEE:**

A Convenience Fee will be charged for all credit card transactions at a rate of \$2.50 per transaction applicable only to Rate Schedule "R" Customers.

Issued March 21, 1994  
Revised October 01, 2013  
Effective with meters read  
on and after October 01, 2013

## Rate Schedule "B"

### GUAM POWER AUTHORITY

#### SCHEDULE "B"

##### Service Establishment Charges

###### Availability:

This schedule is applicable to all ratepayers.

###### Rate:

1. For each establishment, or re-establishment of a new electric service, that requires a meter installation, the Service Establishment rate is as follows:
  - a. Self Contained Meter (Rated Less than 200 Amps) \$ 50.00
  - b. CT Meter (Rated Greater than 200 Amps) \$ 100.00
2. For each establishment or re-establishment of electric service that does not require any type of meter installation, the Service Establishment rate is \$25.00.
3. Special Conditions:
  - A. The service establishment charge provided for herein is in addition to the charges calculated in accordance with the applicable schedule and will be made each time an account is opened, including a turn on, or reconnection of electric service, or a change of name which requires a meter reading.
  - B. An additional charge will be assessed in the event a customer requests that electric service be turned on for new accounts *outside of the regular business hours* (Monday through Friday from 7:00 a.m. to 5:00 p.m.), or *within (24) twenty-four hours* after his request or on Saturday, Sunday or Holidays, the additional charges will be imposed as follows:
    - a. Self Contained Meter (Rated Less than 200 Amps) \$ 9.00
    - b. CT Meter (Rated Greater than 200 Amps) \$ 18.00

Issued December 29, 2008  
Effective with meters read  
on and after December 29, 2008

## **Rate Schedule "C"**

### **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 customers 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.

Issued December 29, 2008  
Effective with meters read  
on and after December 29, 2008

## **Rate Schedule "C"**

### **Schedule "C" (Continued)**

#### **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.

Issued December 29, 2008  
Effective with meters read  
on and after December 29, 2008

## **Rate Schedule "C"**

### **Schedule "C" (Continued)**

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.

Issued December 29, 2008  
Effective with meters read  
on and after December 29, 2008

## **Rate Schedule "C"**

### **Schedule "C" (Continued)**

#### **METERING:**

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.

Issued December 29, 2008  
Effective with meters read  
on and after December 29, 2008

## **Rate Schedule "C"**

### **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.



**BEFORE THE GUAM PUBLIC UTILITIES COMMISSION**

	)	<b>GPA DOCKET 20-06</b>
	)	
<b>PETITION TO AMEND GUAM</b>	)	
<b>POWER AUTHORITY'S NET</b>	)	<b>ORDER</b>
<b>METERING RIDER</b>	)	
	)	
	)	
	)	

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**INTRODUCTION**

This matter comes before the Guam Public Utilities Commission (the "PUC") pursuant to the December 6, 2019 Petition to Amend GPA's Net Metering Rider, filed by the Guam Power Authority ("GPA") (hereinafter referred to as the "Petition").

On March 23, 2020, the Administrative Law Judge of the PUC (the "ALJ") assigned to this matter filed an ALJ Report that included his findings and recommendations based on the administrative record before the PUC. The ALJ found the following.

**DETERMINATIONS**

**A. Net Metering**

Net metering, or net energy metering ("NEM"), is essentially a billing system that credits small customers at the full retail electric price for any excess electricity they generate and sell to the utility via the grid from on-site small sources such as residential rooftop solar arrays.<sup>1</sup>

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<sup>1</sup> See "Net Energy Metering—Are We Capitalists Or What?," James Conca, Forbes.com, found at <https://www.forbes.com/sites/jamesconca/2014/11/28/net-energy-metering-are-we-capitalists-or-what/#5e40cd9e2fbf> (Nov. 28, 2014).



NEM has served as a solar incentive that allows customers to store energy in the electric grid. For instance, when solar panels produce more electricity than needed, that energy is sent to the grid in exchange for credits. Then at night, or other times when the solar panels are under producing, energy is pulled from the grid and the use of such credits offset the costs of that energy.<sup>2</sup> In Guam, as of this February, there are 2,081 net metering customers.<sup>3</sup>

**B. GPA's Net Metering Rider**

On December 29, 2008, the PUC approved and adopted the current Interim Rider for Customer-Generator Energy Facilities, developed by both GPA and the Georgetown Consulting Group, Inc. ("Georgetown").<sup>4</sup> On February 27, 2009, the PUC approved and adopted GPA's Standard Interconnection Agreement for Net Metering Facilities, as well as GPA's Net Metering Program Interconnection Policy.<sup>5</sup> On December 10, 2015, the PUC amended the Net Metering Rider to allow customers an option to rollover annual credits indefinitely or request payment for the credits remaining in the account.

**C. Public Hearings**

On February 24, 25, and 26, 2020, duly-noticed public hearings were held in the villages of Dededo, Agat, and Hagåtña, pursuant to the Ratepayer Bill of Rights, to take

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<sup>2</sup> See <https://www.energysage.com/solar/101/net-metering-for-home-solar-panels/>.

<sup>3</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 1 (Mar. 18, 2020).

<sup>4</sup> PUC Decision and Order, GPA Docket 08-08, p. 2 (Dec. 29, 2008).

<sup>5</sup> PUC Order, GPA Docket 08-10, p. 1 (Feb. 27, 2009).

testimony related to GPA's proposed amendment to the Net Metering Rider. No member of the public participated in the public hearings and no comments were received by the PUC.

**D. GPA's Request to Terminate the Indefinite Rollover of Customer Credits**

In its Petition, GPA requests that the PUC amend its Net Metering Rider "such that all NEM excess credits are zeroed out annually."<sup>6</sup> Basically, GPA requests that the Net Metering Rider be amended to state that "[a]t 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 the customer to GPA without compensation to the customer," which was the language in the past.

In support of its Petition, GPA has included Resolution No. 2019-20 issued by the Consolidated Commission on Utilities ("CCU"), which maintains the following. The Resolution indicates that:

NEM customers receive services from the grid subsidized by non-NEM customers including but not limited to: (1) Use of the grid to sell power (get credit at full retail rate for excess production); (2) Use of the grid to energize their homes at night; (3) Frequency regulation absorbed by grid for intermittencies; (4) Reactive power supply; (5) Voltage regulation; and (6) Standby power on overcast days when the sun does not shine.<sup>7</sup>

In addition, GPA also maintains that based on the number of its net metering customers, this results in "an approximate \$3,527,745 annual subsidy going forward."<sup>8</sup>

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<sup>6</sup> Petition, GPA Docket 20-06, p. 1.

<sup>7</sup> Resolution No. 2019-20, p. 1 (Nov. 26, 2019).

<sup>8</sup> Resolution No. 2019-20, p. 1.

The Resolution further indicates that “the payment or carry over of excess credits tend to encourage net metering customers to install larger capacity which results in receiving payments for excess energy thereby resulting in increased cost to non-NEM customers.”<sup>9</sup> It goes on to state that “in other jurisdictions NEM excess credits are zeroed out annually.”<sup>10</sup>

In response to questions posed in a Request for Information issued by the ALJ, GPA submits that the roughly \$3.5 million “subsidy” it’s claiming “was calculated by multiplying the estimated solar production by the under-recovery subsidy.”<sup>11</sup> According to GPA, “[t]he estimated solar production takes into account the annual degradation of the solar panels and an estimated 1794kWh of installed capacity.”<sup>12</sup> And that the “under-recovery subsidy” is the “difference between the retail rate per kWh and the calculated value of the solar rate on the estimated solar production.”<sup>13</sup>

In addition, GPA further submits that there are some NEM customers who “are applying for new accounts for the same building where one account had long existed. These customers then install multiple NEM systems on the same building to skirt the 100KW commercial NEM limit.”<sup>14</sup> GPA contends that these types of systems “will produce greater

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<sup>9</sup> Resolution No. 2019-20, p. 2.

<sup>10</sup> Resolution No. 2019-20, p. 2.

<sup>11</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 1.

<sup>12</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 1.

<sup>13</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 1.

<sup>14</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 2.

overall net excess generation for the same building, and result in greater net excess generation liabilities for GPA . . . .”<sup>15</sup>

**E. Public Laws on Net Metering**

**1. Public Law 27-132.**

When the Guam Legislature enacted GPA’s net metering statutory scheme, the Legislature clearly expressed its intent “to combine new power-generation technologies with traditional power-generation systems in order to expand and safeguard the island’s electric supply, without the need for additional capital investment by the utility company.” P.L. 27-132, p. 2 (Dec. 30, 2004). The Legislature also unequivocally expressed its intent to “(a) encourage private investment in renewable energy resources; (b) stimulate economic growth; and (c) enhance the continued diversification of the renewable energy resources used on Guam.” *Id.*

Pursuant to the net metering statutes, the Legislature also entrusted the PUC with the authority to determine the rate for NEGs [Net Excess Generation]. In particular, Section 8505(b)(3) of Title 12 provides that where “the electricity generated by the customer-generator which is fed back to the utility exceeds the electricity supplied by the utility during the billing period, the customer-generator is entitled to compensation for electricity provided to the utility during the billing period at a rate to be determined by the Public Utility Commission.” P.L. 27-132, p. 5 (codified at 12 G.C.A. § 8505(b)(3)).

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<sup>15</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 2.

## **2. Public Law 29-62.**

Pursuant to Public Law 29-62, the Legislature stated that it requires “the development of renewable energy production and decrease [ ] total reliance on oil for electricity production.” P.L. 29-62, p. 2 (Apr. 4, 2008). Accordingly, the Legislature amended GPA’s net metering statute to require GPA to “immediately implement an interim, emergency net metering rate structure wherein Customer generators *shall* be entitled to receive immediate credit for one hundred percent (100%) of the power generation capacity based on the specifications of the generation equipment installed times the rate of the Guam Power Authority currently charges the customer until such time that GPA submits a rate structure to the PUC for the net metering program and it is approved by the PUC. The interim rate *shall* be subject to PUC revocation at any time.” *Id.* at 4 (codified at 12 G.C.A. §8506) (emphases in original).

### **C. Georgetown’s August 27, 2013 Report**

In a report issued back in August 27, 2013, Georgetown, one of the PUC’s consultants for utility matters, maintained that “[t]he interim net metering rider currently in effect and approved by the GPUC is based on an industry accepted approach to the balancing of interest necessary to maximize the renewable capacity from customer-generators availing themselves to ‘net-metering’ and the impact to other customers subsidizing the distribution and other related costs avoided by net metered customers who qualify for the interim net meter rider.”<sup>16</sup>

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<sup>16</sup> Report of Georgetown Consultants Group, Inc. (“Georgetown Report”), p. 45 (Aug. 27, 2013).

Georgetown further submitted that presently, “most mainland regulatory jurisdictions continue to credit NEG to the grid at the full retail energy rate (either through billing credits of kWh offsets) on the customer bill with any excess kWhs credited to the customer’s next bill and any NEG credits remaining at the end of the calendar year either being granted to the utility at no cost or . . . an increasing number of jurisdictions require some form of payment (28).”<sup>17</sup>

**F. Other Jurisdictions**

As indicated in GPA’s petition, the majority of jurisdictions that offer NEM credits do not employ an indefinite rolling over of credits. Many jurisdictions offer a monthly rolling-over of credits that terminate at the end of the billing year.

**1. California.**

Generally, utilities in California provide compensation for NEM credits to its customers at the end of a twelve (12) month period. “Customers that generate a net surplus of energy at the end of a twelve-month period can receive a payment for this energy under special utility tariffs.”<sup>18</sup>

**2. Florida.**

In Florida, credits do not carry over across calendar years because of Florida’s net metering policies. For credits at the end of the year, a cash credit will be offered on the January bill.<sup>19</sup>

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<sup>17</sup> Georgetown Report, p. 47.

<sup>18</sup> See [https://www.gosolarcalifornia.ca.gov/solar\\_basics/net\\_metering.php](https://www.gosolarcalifornia.ca.gov/solar_basics/net_metering.php).

<sup>19</sup> See <https://www.energysage.com/net-metering/fpl/>.

3. **Kansas.**

“Any NEG credit remaining in a net metering customer's account on March 31 of each year shall expire.”<sup>20</sup>

4. **Arizona.**

Based on an April 12, 2018 recommendation by the chief administrative law judge of the Arizona Corporation Commission, this particular utility rate-making body ordered that “*new customer-generators will not be permitted to bank credits associated with exported energy.*”<sup>21</sup>

For existing rate payers, “customers interconnecting to the utility’s distribution system prior to the effective date of the decision implementing the new export compensation rate in each utility’s rate case,” these rate payers “will be grandfathered under the former net metering rules for a period of 20 years.”<sup>22</sup> These “old” rate payers are credited according to the following: NEG remaining at the customer’s last monthly bill in the annual true-up period will be paid to the customer, via check or billing credit, at the utility’s avoided cost payment.<sup>23</sup>

5. **Oregon.**

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<sup>20</sup> See <https://kcc.ks.gov/electric/net-metering-in-kansas>

<sup>21</sup> See <http://programs.dsireusa.org/system/program/detail/3093>.

<sup>22</sup> See <http://programs.dsireusa.org/system/program/detail/3093>.

<sup>23</sup> See <http://programs.dsireusa.org/system/program/detail/3093>.



In Oregon, “any remaining unused kilowatt-hour credit accumulated during the previous year shall be granted to the electric utility for distribution to customers enrolled in the electric utility’s low-income assistance programs, credited to the customer-generator or dedicated for other use as determined by the commission . . . .” 2017 O.R.S. 757.300(3)(d).

**6. Pennsylvania.**

At the end of each 12-month billing cycle, utilities will compensate net-metered generators for their excess credits at the “price-to-compare,” which is the retail price of the electricity minus the distribution component.<sup>24</sup>

**7. Vermont.**

“Credits will remain on the account for 12 months to be applied to future bills. If a credit is not used within 12 months of the time it’s generated, it will expire.”<sup>25</sup>

**8. Washington.**

Any excess is credited to customer’s next bill at retail rate; and then granted to the utility at end of a twelve (12) month billing period.<sup>26</sup>

**9. Puerto Rico.**

Customers with excess credits remaining at the end of a twelve (12) month period are compensated as follows: seventy-five percent (75%) of the excess credits are purchased by Puerto Rico Electric Power Authority (“PREPA”) at a rate of \$0.10 per kWh

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<sup>24</sup> See <https://www.solarunitedneighbors.org/pennsylvania/learn-the-issues-in-pennsylvania/net-metering-in-pennsylvania/>.

<sup>25</sup> See <https://www.vermontelectric.coop/programs-services/net-metering>.

<sup>26</sup> See <https://programs.dsireusa.org/system/program/detail/42>



or “the amount resulting from the subtraction of the adjusted fuel fee based on the variable costs incurred by the public corporation exclusively for the purchase of fuel and energy, from the total price charged by the public utility to its customers, converted into kilowatt-hours, whichever is greater.”<sup>27</sup> The remaining 25% is returned to the utility to distribute as a credit or reduction applied to the electricity bills of public schools.<sup>28</sup>

#### **10. American Samoa and the U.S. Virgin Islands.**

In both American Samoa and the U.S. Virgin Islands, any net excess generation (NEG) produced by a customer is credited at the utility’s full retail rate and carried forward to the customer's next monthly bill. At the end of a 12-month period, any remaining NEG is granted to the utility.<sup>29</sup>

#### **11. CNMI**

Lastly, in the CNMI, excess electricity production is credited to the customer’s bill at retail rate.<sup>30</sup> Any excess remaining after a twelve (12) month billing period is credited at fifty percent (50%) of the retail rate.<sup>31</sup>

#### **G. NEM’s Impact on Demand Side Management**

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<sup>27</sup> <http://energy.gov/savings/puerto-rico-net-metering>; [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=PR02R](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PR02R);

<sup>28</sup> <http://energy.gov/savings/puerto-rico-net-metering>; [http://www.dsireusa.org/incentives/incentive.cfm?Incentive\\_Code=PR02R](http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=PR02R);

<sup>29</sup> See <https://programs.dsireusa.org/system/program/detail/3218>; <https://programs.dsireusa.org/system/program/detail/2507>.

<sup>30</sup> See <https://programs.dsireusa.org/system/program/detail/5556>.

<sup>31</sup> See <https://programs.dsireusa.org/system/program/detail/5556>.

In the ALJ's March 12, 2020 Request for Information, the ALJ requested information concerning NEM's impact, if any, on GPA's Demand Side Management ("DSM") energy efficiency program. In response, GPA indicated that its DSM energy efficiency program "targets include energy and peak demand reductions."<sup>32</sup> GPA submits that "[e]nergy reductions result in less fuel not being burned" and other "variable operations and maintenance expenses."<sup>33</sup> GPA maintains that "[p]eak demand reductions, over time, result in generation capacity savings and may also result in potential fuel cost savings."<sup>34</sup> In addition, "[o]ver time, peak demand reductions result in generation capacity savings by lowering the peak generation requirement."<sup>35</sup>

In response to NEM's impact on DSM, GPA maintained that "NEM without energy-shifting storage does not reduce GPA's peak demand because GPA's system peaks at night when the solar resource is not available."<sup>36</sup> GPA submits that, as a result, "NEM cannot save GPA capacity costs."<sup>37</sup> GPA adds that "NEM energy savings resulting in economic savings to the grid only apply to net excess generation"; and that particularly, "NEM customers are allowed to swap/credit energy produced by their system during the day for energy produced by GPA at night."<sup>38</sup> GPA submits that "[t]his one-to-one swap does

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<sup>32</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 5.

<sup>33</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 5.

<sup>34</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 5.

<sup>35</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 5.

<sup>36</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 6.

<sup>37</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 6.

<sup>38</sup> GPA's Response to Request for Information, GPA Docket 20-06, p. 6.

not account for energy produced at night,” which it adds is “often more expensive than that produced during the day when GPA operates peaking units to meet the peak load.”<sup>39</sup>

#### **H. Criticism Regarding NEM Roll-Over Credits**

NEM crediting policies have been criticized as having an adverse impact on grid services. A report by the California Public Utilities Commission found that “non-solar customers in the state face over \$1 billion annually in higher costs because of net metering.”<sup>40</sup>

The criticism is that “[w]hen normal consumers pay their electric bill, part of the bill is for the electricity they actually used, but the other part goes to maintaining the grid, referred to as grid services.”<sup>41</sup> It is argued that these particular customers “are not ever “off the grid,” “even if they’re making more energy than they consume.”<sup>42</sup>

Indeed, Georgetown too has indicated that “[w]hile there is unarguably a potential subsidization of ‘net metering’ customers by other customers, the PUC found that the potential benefits in the near-term as the renewable industry grows in Guam outweighed

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<sup>39</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 6.

<sup>40</sup> See “Net Energy Metering—Are We Capitalists Or What?,” James Conca, Forbes.com, found at <https://www.forbes.com/sites/jamesconca/2014/11/28/net-energy-metering-are-we-capitalists-or-what/#5e40cd9e2fbf> (Nov. 28, 2014).

<sup>41</sup> See “Net Energy Metering—Are We Capitalists Or What?,” James Conca, Forbes.com, found at <https://www.forbes.com/sites/jamesconca/2014/11/28/net-energy-metering-are-we-capitalists-or-what/#5e40cd9e2fbf> (Nov. 28, 2014).

<sup>42</sup> See “Net Energy Metering—Are We Capitalists Or What?,” James Conca, Forbes.com, found at <https://www.forbes.com/sites/jamesconca/2014/11/28/net-energy-metering-are-we-capitalists-or-what/#5e40cd9e2fbf> (Nov. 28, 2014).

these concerns.”<sup>43</sup> In addition, GPA has consistently believed that NEM customers do not pay “their full share of the system’s cost to serve” and that cost recovery for demand is based in “the energy component of residential rates.”<sup>44</sup>

The ALJ found that the PUC is authorized to determine the rate for energy “generated by the customer-generator which is fed back to the utility [that] exceeds the electricity supplied by the utility during the billing period . . . .”; and, therefore, how such rate is assessed. 12 G.C.A. § 8505(b)(3).

Based on a review of other jurisdictions, public utilities have provided customers whose usage results in a net credit to their accounts may be compensated financially or through a rolling credit. As shown above, many stateside jurisdictions, as well as other territories of the U.S., require that any net excess generation held as a credit by the customer at the end of a 12-month period, is given to the utility.<sup>45</sup> Accordingly, the zeroing out of credits after a calendar year is reasonable given its widespread practice, and in light of the “potential subsidization of ‘net metering’ customers by other customers.”<sup>46</sup>

In addition, with respect to NEM’s impact on Demand Side Management, “NEM cannot save GPA capacity costs”<sup>47</sup>; that “NEM customers are allowed to swap/credit

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<sup>43</sup> Georgetown Report, p. 46 (Aug. 27, 2013).

<sup>44</sup> GPA’s Response, p. 21 (Nov. 30, 2015).

<sup>45</sup> See <https://programs.dsireusa.org/system/program/detail/3218>; <https://programs.dsireusa.org/system/program/detail/2507>.

<sup>46</sup> Georgetown Report, p. 46 (Aug. 27, 2013).

<sup>47</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 6.

energy produced by their system during the day for energy produced by GPA at night,”<sup>48</sup> which is ostensibly “more expensive than that produced during the day when GPA operates peaking units to meet the peak load.”<sup>49</sup>

Based on the discussion above, and based on the record before the Commission, including the authorities reviewed herein, the ALJ recommended that the PUC amend GPA’s Net Metering Tariff such that all NEM excess credits are zeroed out annually. In particular, the Net Metering Tariff shall be amended to state:

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 billing. 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 the customer to GPA without compensation to the customer.

This scheme still corresponds with the intent of the Legislature when it enacted GPA’s net metering statutes, which is to “(a) encourage private investment in renewable energy resources; (b) stimulate economic growth; and (c) enhance the continued diversification of the renewable energy resources used on Guam.” P.L. 27-132, p. 2 (Dec. 30, 2004).

In light of the PUC’s commitment to encouraging renewable energy investment, the ALJ proposed that GPA implement this revision on January 1, 2021.

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Accordingly, the affected language of the current Net Metering Rider shall expire on December 31, 2020.

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<sup>48</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 6.

<sup>49</sup> GPA’s Response to Request for Information, GPA Docket 20-06, p. 6.

The Commission hereby adopts the findings made in the March 23, 2020 ALJ Report, and therefore, issues the following.

### **ORDERING PROVISIONS**

Upon careful consideration of the record herein, and for good cause shown, on motion duly made, seconded and carried by the affirmative vote of the undersigned Commissioners, the Commission hereby ORDERS the following:

1. That the instant Petition is hereby APPROVED.
2. That the Net Metering Rider shall be amended to state “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 billing. 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 the customer to GPA without compensation to the customer.” The amendment shall be effective January 1, 2021.
3. GPA is ordered to pay the PUC’s regulatory fees and expenses, including and without limitation, consulting and counsel fees, and the fees and expenses associated with this matter. Assessment of the PUC’s regulatory fees and expenses is authorized pursuant to 12 G.C.A. §§ 12103(b) and 12125(b), and Rule 40 of the Rules of Practice and Procedure before the PUC.

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[SIGNATURES TO FOLLOW ON NEXT PAGE]

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**SO ORDERED** this 28<sup>th</sup> day of May, 2020.

  
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**JEFFREY C. JOHNSON**  
Chairman  
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**ROWENA E. PEREZ-CAMACHO**  
Commissioner  
\_\_\_\_\_  
**JOSEPH M. MCDONALD**  
Commissioner  
\_\_\_\_\_  
**PEDRO GUERRERO**  
Commissioner  
\_\_\_\_\_  
**MICHAEL A. PANGELINAN**  
Commissioner  
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**PETER MONTINOLA**  
Commissioner  
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**DORIS FLORES BROOKS**  
Commissioner

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P203013.JRA



Issued March 21, 1994  
Revised March 31, 2012  
Effective with meters read  
on and after April 01, 2012

## **Rate Schedule "Z"**

### **GUAM POWER AUTHORITY**

#### **SCHEDULE "Z"**

##### **Levelized Energy Adjustment Clause (LEAC)**

The calculation of each bill, pursuant to the rates and charges contained in the applicable rate schedule, shall be subject to an adjustment for variations in fuel cost. The adjustment will be made by multiplying a Fuel Recovery Charge times the total kilowatt hours for which the bill is rendered.

The Fuel Recovery Charge will be calculated semi-annually by the following formula:

$$\text{Fuel Recovery Charge} = \frac{A \pm B \pm C}{D}$$

Where:

- A - Equals the projected fuel expense for the next LEAC period, including amounts GPA is required to pay under the fuel risk management program and adjustments to the carrying value of GPA's fuel inventory so long as the number of barrels is consistent with parameters adopted by the PUC<sup>1</sup>, but excluding net fuel reimbursement from Navy through the Customer Agreement settlements.
- B - Equals the difference between the fuel revenue and actual fuel expenses as approved by the Public Utilities Commission, including the true up of the second prior (6) six month period excluding net revenue from Navy through the Customer Agreement settlements.
- C - Refunds or credits from supplier, excluding legal settlements.
- D - Equals the projected retail kWh sales for the next (6) six months.

The Fuel Recovery Charge will be recalculated semi-annually for a (6) six month period and be subject to the approval of the Guam Public Utilities Commission. In the event that GPA has a cumulative under [or over] recovery balance of more than \$2 million or if the under [over] recovery balance is projected to exceed \$2 million during the six-month levelized period,

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<sup>1</sup> For the LEAC period ending July 31, 2008 the adjustment to the carrying value has been established to be \$5.296 million. For periods beginning after July 31, 2008 the change in carrying value will be based on projected changes for the succeeding six month period and (for periods beginning after January 31, 2009) a true up of projected versus actual costs for the preceding six month period.

Issued March 21, 1994  
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## **Rate Schedule “Z”**

### **Schedule “Z” (Continued)**

excluding net revenues from the Navy under The Customer Agreement, the Fuel Recovery Charge may be adjusted to recover such deficit, subject to PUC approval.

#### **Special Terms and Conditions:**

##### **13.8 kV Primary Supply Voltage Delivery:**

Where, at the option of the Authority, the customer takes delivery and/or is metered at the Authority's supply line voltage, the LEAC charges will be decreased by the following percentages:

13.8 kV Distribution voltage supplied without further transformation	3%
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##### **34.5 kV Supply Voltage Delivery:**

Where, at the option of the Authority, the customer takes delivery 34.5kV, the LEAC charges will be decreased by the following percentage:

34.5 kV Transmission voltage supplied without further transformation	4%
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##### **115 kV Supply Voltage Directory:**

Where, at the option of the Authority, the customer takes delivery 115kV, the LEAC charges will be decreased by the following percentage:

115 kV Transmission voltage supplied without further transformation	5%
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