

# JPS RATE SCHEDULES 2018-2019

The Fuel and IPP Charge per kilowatt-hour shall be calculated to the nearest one thousandth of a dollar.

Where a bill straddles two (2) months the latest Fuel and IPP Charge shall be used for billing purposes.

## SYSTEM LOSSES TARGET

### Technical Losses

The technical losses target to be applicable for the review period ending 2019 July shall be 8.00% of net generation.

### Non-Technical Losses

The non-technical losses target within JPS' control applicable for the review period ending 2019 July shall be 3.60% of net generation.

The non-technical losses target not totally within JPS' control applicable for the review period ending 2019 July shall be 9.70% of net generation with a responsibility factor (RF) of 20%.

## CHARACTER OF SERVICE

Notwithstanding the terms and conditions of contract, JPS may at its option after three (3) months' notice and advice to the customer, shift customers to an appropriate rate class, if it is determined that the customer's character of service over the previous twelve (12) month period fits that of another class.

## FOREIGN EXCHANGE ADJUSTMENT

All charges excluding the Fuel and IPP Charge are subject to a Foreign Exchange Adjustment. The charges excluding the Fuel and IPP Charge will be increased or decreased by a percentage computed as follows:

$$\%FX \text{ ADJUST} = \frac{\text{BILLING EXCHANGE RATE} - \text{BASE EXCHANGE RATE}}{\text{BASE EXCHANGE RATE}} \times 80$$

### Notes:

1. The Base Exchange Rate is J\$128.00: US\$1.00.

2. The Billing Exchange Rate which is shown on the face of the bill shall be the arithmetic mean of the daily weighted average of rates at which financial institutions in Jamaica sell United States dollars for Jamaican dollars on the Spot Market (the "Spot Market Weighted Average Selling Rate") issued by the Bank of Jamaica for the last trading day of the month preceding the month of billing. If no such rate is issued the last trading day by the Bank of Jamaica or, if the current system for determining the rate at which United States dollars are exchanged for Jamaican dollars shall have changed then, for the purpose of this provision, the rate for that day shall be the weighted average of the rates at which Commercial Banks in Jamaica sell United States dollars for Jamaican dollars on that same day as determined by the JPS. Where the billing period exceeds one month, that rate shall be the arithmetic mean of the monthly Billing Exchange Rates determined in accordance with the foregoing.

## ANNUAL ADJUSTMENT CLAUSE

All charges excluding the Fuel and IPP Charge shall be adjusted on or about July 1st of each year (Adjustment Date) to reflect Jamaican inflation, US inflation, change in the weighted average US selling Exchange Rate rounded to the nearest Jamaican dollar and issued by the Bank of Jamaica, of each year and efficiency and quality of service factors.

The change in the performance indices will be reflective of those as at sixty (60) days prior to the Adjustment Date and those at the start of the Rate Review period. The Jamaican inflation rate shall be based on the most recent published values of the Statistical Institute of Jamaica (STATIN) All Group Consumer Price Index (CPI).

The US inflation rate shall be based on the most recent published Consumer Price Index, all urban consumers, US city average, US Department of Labor, Bureau of Labor Statistics.

The Annual Adjustment shall be computed as follows:

$$ARTy = RCy(1 + dPCI) + (RS_{y-1} + SFX_{y-1} - SIC_{y-1}) \times (1 + WACC)$$

where:

$$RS_{y-1} = TUVol_{y-1} + TULos_{y-1}$$

$$SFX_{y-1} = AFX_{y-1} - TFX$$

$$SIC_{y-1} = AIC_{y-1} - TIC$$

and

$$ARTy = \text{Annual Revenue Target for Year "y"}$$

$$RCy = \text{Revenue Cap for the current tariff adjustment year "y" as established in the last Rate Review Process}$$

$$RS_{y-1} = \text{Revenue surcharge for Year "y-1"}$$

$$TUVol_{y-1} = \left\{ \frac{\text{NFM Target}_{y-1} - \text{NFM Sold}_{y-1}}{\text{NFM Target}_{y-1}} \right\} \times \text{Non Fuel Rev Target for Energy REV}_{y-1}$$

$$+ \left\{ \frac{\text{NFA Target}_{y-1} - \text{NFA Sold}_{y-1}}{\text{NFA Target}_{y-1}} \right\} \times \text{Non Fuel Rev Target for Demand REV}_{y-1}$$

$$+ \left\{ \frac{\text{Customer Charges Billed Target}_{y-1} - \text{Customer Charges Billed}_{y-1}}{\text{Customer Charges Billed Target}_{y-1}} \right\} \times \text{Non Fuel Rev Target for Customer Charges REV}_{y-1}$$

Given that all tariffs charged to customers can be broadly allocated to three primary revenue buckets, namely, Energy, Demand and Customer Charge, the true-up mechanism will be operated on that basis. The revenue target for each year will be allocated to each bucket with the target quantities estimated to achieve each revenue bucket forming the basis for the true-up adjustment for each revenue bucket as outlined in the formulae above.

$SIC_{y-1}$  = Annual net interest expense/ (income) surcharge for year "y-1".

This represents the annual true-up adjustment for variations between the net interest expense/(income) included in the Base Year revenue requirement and the net interest expense/(income) incurred in a subsequent year during the rate review period. The net interest income shall be deducted from the revenue requirement while net interest expense shall be added to the revenue requirement.

$AIC_{y-1}$  = Actual net interest expense/ (income) in relation to interest charged to customers and late payments per paragraph 49 to 52 of Schedule 3 in year "y-1".

$TIC$  = The amount of net interest expense/(income) in relation to interest charged to customers and late payments included in the revenue requirement of the Base Year.

$dPCI$  = Annual rate of change in non-fuel electricity revenues as defined below

$WACC$  = The Weighted Average Cost of Capital determined in the Rate Review process.

The annual Performance-Based Rate-Making (PBRM) filing will follow the general framework where the rate of change in the Revenue Cap will be determined through the following formula:

$$dPCI = dI \pm Q \pm Z$$

where:

$dI$  = the growth rate in the inflation and JMD to USD exchange rate measures;

$Q$  = the allowed price adjustment to reflect changes in the quality of service provided to the customers versus the target for the prior year;

$Z$  = the allowed rate of price adjustment for special reasons, not under the control of the Licensee and not captured by the other elements of the formulae

The inflation adjustment formula to be used for the tariff period 2016 – 2019 is as follows:

$$dI = USP \times \left( \frac{EX_{y-1} - EX_y}{EX_y} \right) (1 + USAF \times INF_{US}) + USP \times USAF \times INF_{US} + (1 - USP) \times INF_J$$

Where:

$EX_y$  = Base US exchange rate.

$EX_{y-1}$  = Applicable US exchange rate at Adjustment Date.

$INF_{US}$  = The US inflation rate

$INF_J$  = The Jamaican inflation rate

$USP$  = US portion of the total non-fuel expenses as determined from the Base Year.

$USAF$  = Portion of the US portion of non-fuel expenses that is subject to US inflation

## RECONNECTION FEE

The Reconnection Fee is applicable to all Rate Categories. Effective 2013 June 01 Reconnection Fee shall be \$1,650.00.

Thereafter JPS shall be entitled to charge its customers a Reconnection Fee which shall be determined by June 30 each year and which shall be based on the actual cost of undertaking reconnections in the preceding fiscal year plus a ten percent (10%) service charge PROVIDED THAT the said actual cost was incurred in the most cost efficient and cost effective manner. In the absence of a determination by the Office of Utilities Regulation, the existing rate shall continue in force.

Other charges for services or changes in these schedules approved by the Office of Utilities Regulation will be published from time to time.

## RATE SUMMARY EFFECTIVE 2018 OCTOBER, 01 - BASE EXCHANGE RATE J\$128.00 = US\$1.00

Class	Energy-J\$/kVA			Demand-J\$/kVA			
	Block Rate Option	Customer Charge \$/Mth	Energy Charge \$/kWh	Std.	Off-Peak	Part-Peak	On-Peak
<b>Rate 10 LV</b>	-- 100	<b>445.39</b>	<b>9.66</b>				
<b>Rate 10 LV</b>	>100	<b>445.39</b>	<b>22.49</b>				
<b>Rate 20 LV</b>		<b>992.24</b>	<b>18.55</b>				
<b>Rate 40 LV - Std</b>		<b>6990.81</b>	<b>5.77</b>	<b>1790.05</b>			
<b>Rate 40 LV - TOU</b>		<b>6990.81</b>	<b>5.77</b>		<b>75.49</b>	<b>787.63</b>	<b>1008.48</b>
<b>Rate 50 MV - Std</b>		<b>6990.81</b>	<b>5.57</b>	<b>1603.66</b>			
<b>Rate 50 MV - TOU</b>		<b>6990.81</b>	<b>5.57</b>		<b>71.51</b>	<b>697.81</b>	<b>895.30</b>
<b>Rate 70 MV - Std</b>		<b>6990.81</b>	<b>3.71</b>	<b>1526.30</b>			
<b>Rate 70 MV - TOU</b>		<b>6990.81</b>	<b>3.71</b>		<b>68.33</b>	<b>672.78</b>	<b>864.33</b>
<b>Rate 60 LV</b>		<b>2818.88</b>	<b>24.19</b>				

- (1) Minimum Standard Billing Demand per month: 25kVA for Rate 40, Rate 50 and Interim Rate 70.
- (2) Billing Demand in the on-peak period is the maximum registered demand for the on-peak hours of that month.
- (3) The Billing Demand for the partial-peak period each month shall be the maximum registered demand for the on-peak and partial-peak hours of that month, or 80% of the highest maximum registered demand for the on-peak and partial-peak hours during the six-month period ending with the month for which the bill is rendered, whichever is higher but not less than 25 kilovolt-amperes (kVA).
- (4) The billing demand for the off-peak period each month shall be the maximum demand for that month (regardless of the time of use period it was registered in), or 80% of the highest maximum demand during the six-month period ending with the month for which the bill is rendered, whichever is higher but not less than 25 kilovolt-amperes (kVA).
- (5) Standby Rates: see details in the Schedules.

# JPS RATE SCHEDULES 2018-2019

## THE ELECTRICITY LICENCE, 2016

This is the approval of the prices to be charged by the Jamaica Public Service Company Limited (JPS or the Company) in respect of the supply of electricity. In exercise of the powers conferred on the Office of Utilities Regulation (OUR) by the ELECTRICITY LICENCE, 2016 the prices to be charged by JPS in respect of the supply of electricity as set out in the following Schedules are HEREBY APPROVED effective 2018 October, 01.



**Ansord E. Hewitt**  
Director General, Office of Utilities Regulation

### SCHEDULE I: RATE 10 - RESIDENTIAL SERVICE

#### AVAILABILITY

This rate class is available throughout the Island of Jamaica.

#### APPLICABILITY

This rate is applicable to residential households for single phase domestic uses, including single phase motor(s) of individual capacity of 3.730 kW (5 horsepower (hp)) or less when service is taken through one meter at a single point of delivery.

#### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second), single phase 110 volts, or 110/220 volts. At the Company's discretion, three-phase 220 volts service may be provided under this rate in accordance with the terms and conditions currently in effect.

#### CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$445.39 towards the cost of providing the service.

#### MINIMUM CHARGE

The minimum monthly charge shall be the Customer Charge.

#### ENERGY CHARGE

The Energy Charge shall be \$9.66/kWh (kWh) for each of the first 100 kilowatt-hours per month and \$22.49 per kWh for each kilowatt-hour in excess of 100 kilowatt-hours per month. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the electricity plant in service and also such additional fixed non-fuel costs not recovered through the Customer Charge. The Energy Charge does not include any portion of fuel cost.

#### FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount /kWh (kWh) and shall be calculated in the manner set out in the Additional Terms and Conditions hereto. The Fuel Charge represents the total cost of fuel (including the cost of fuel for energy purchased from Independent

Power Producers) required for producing and delivering each kWh of electricity. The IPP Charge represents the difference between the IPP costs included in the base Customer and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

#### FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

#### METER READING AND BILLING

JPS reserves the right to read its meters no less frequently than every other month but nevertheless to render bills monthly. In the event that JPS renders an estimated bill such estimate shall be based on the average of the previous three (3) actual meter readings except for the first six (6) months of a new account. According to the guaranteed standards (EGS 7), JPS shall not render more than two (2) consecutive estimated bills (where it has access to the meter). A ninety-nine percent (99%) compliance rate is in effect since 2009 October 01 in this area of service delivery.

#### PRE-PAID METERING SERVICE

The approved prepaid rate is \$15.1402/kWh for the first 114kWh within a thirty (30) day consumption cycle and \$22.4876/kWh for each additional kWh thereafter within that thirty (30) day consumption cycle. The pre-paid rate shall be subject to review at the next Annual Review.

#### COMMUNITY RENEWAL RATE

The approved Community Renewal Rate to be charged for Rate 10 service to eligible customers under the Community Renewal Programme is a flat rate of J\$9.66/kWh for consumption up to 150kWh. Customers consuming more than 150kWh per month will pay the regular prepaid or post-paid rate, whichever is applicable, for the incremental consumption above 150kWh per month. The Community Renewal Rate and conditions shall be subject to review at the next Annual Tariff Adjustment.

### SCHEDULE II: RATE 20 - GENERAL SERVICE

#### AVAILABILITY

This rate class is available throughout the Island of Jamaica.

#### APPLICABILITY

This rate is applicable to customers other than residential households, with demand less than 25 kilovolt-amperes (kVA) for all purposes not specifically provided for in other Schedules, provided that customers' equipment do not cause undue voltage fluctuations as defined in the Company's terms and conditions currently in effect and all service is taken through one meter at a single point of delivery. Not applicable for standby, breakdown or auxiliary service.

#### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second), single phase 110 or 110/220 volts or three-phase 220 volts delta.

#### CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$992.24 towards the cost of providing the service.

#### MINIMUM CHARGE

The minimum monthly charge shall be the Customer Charge.

#### ENERGY CHARGE

The Energy Charge shall be \$18.55/kWh for all kilowatt-hours. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the electricity plant in service and also such additional fixed non-fuel costs not recovered through the Customer Charge. The Energy Charge does not include any portion of fuel cost.

#### FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount /kWh (kWh) and shall be calculated in the manner set out in the Additional Terms and Conditions hereto. The Fuel Charge represents the total cost of fuel (including the cost of fuel for energy purchased from Independent Power Producers) required for producing and delivering each kWh of electricity.

The IPP Charge represents the difference between the IPP costs included in the base Customer and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

#### FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

#### METER READING AND BILLING

JPS reserves the right to read its meters no less frequently than every other month but nevertheless to render bills monthly.

### SCHEDULE III: RATE 40 - POWER SERVICE LOW VOLTAGE

#### AVAILABILITY

This rate class is available throughout the Island of Jamaica.

#### APPLICABILITY

This rate is applicable to customers, other than residential household customers, with demand 25 kilovolt-amperes (kVA) or more for all power and lighting purposes. Service is to be taken through one meter at a single point of delivery. Not applicable for standby, breakdown or auxiliary service.

#### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second) and three-phase. This service is provided and metered at three-phase 220 volts delta system or three-phase 415/240 volts star system.

#### TIME-OF-USE OPTION

JPS may, upon the application of a customer, bill such customer in accordance with the Time-of-Use

STANDARD DEMAND CHARGE (\$/kVA PER MONTH)	TIME-OF-USE OPTION (\$/kVA PER MONTH)		
	ON-PEAK	PART-PEAK	OFF-PEAK
<b>1,790.05</b>	<b>1,008.48</b>	<b>787.63</b>	<b>75.49</b>

#### MINIMUM CHARGE

The minimum monthly charge shall be the sum of the Demand and Customer Charges.

#### ENERGY CHARGE

The Energy Charge shall be \$5.77/kWh. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the electricity plant in service and all such additional fixed non-fuel costs not recovered through Customer and

In the event that JPS renders an estimated bill such estimate shall be based on the average of the previous three (3) actual meter readings except for the first six (6) months of a new account.

According to the guaranteed standards (EGS 7), JPS shall not render more than two (2) consecutive estimated bills (where it has access to the meter). A ninety-nine percent (99%) compliance rate is in effect since October 1, 2009 in this area of service delivery.

#### PRE-PAID METERING SERVICE

The approved prepaid rate is \$117.774/kWh for the first 10 kWh within a thirty (30) day consumption cycle and \$18.550/kWh for each additional kWh thereafter within that thirty (30) day consumption cycle. The pre-paid rate shall be subject to review at the Annual Tariff Adjustment.

Option for Demand Charges based on the time of day electricity is consumed.

**On-peak hours:** Monday – Friday 6:00 p.m. to 10:00 p.m.

**Off-peak hours:** Monday – Friday 10:00 p.m. to 6:00 a.m., and weekends and Public Holidays all hours other than 6:00 p.m. to 10:00 p.m.

**Partial-peak hours:** Monday – Friday 6:00 a.m. to 6:00 p.m., and weekends and Public Holidays 6:00 p.m. to 10:00p.m.

#### CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$6,990.81 towards the cost of providing the service.

#### DEMAND CHARGE

The Demand Charge for each kilovolt-ampere (kVA) Billing Demand shall be determined in accordance with the Time-of-Use Option or the Standard Demand Charge as applicable (see Table below).

Demand Charges. The Energy Charge does not include any portion of fuel cost.

#### BILLING DEMAND

#### STANDARD

The kilovolt-ampere (kVA) Billing Demand for each month shall be the maximum demand for that month, or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

# JPS RATE SCHEDULES 2018-2019

## TIME-OF-USE OPTION

**On-Peak Period:** Billing Demand in this period each month shall be the maximum demand for the On-Peak hours of that month. The minimum 25 kVA do not apply.

**Partial-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for the on-peak and partial-peak hours of that month, or 80% of the maximum demand for the on-peak and partial-peak hours during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

**Off-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for that month (regardless of the time of use period it was registered in), or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

## DETERMINATION OF MAXIMUM DEMAND

The maximum Demand shall be the registered integrated average load in kilovolt-ampere (kVA) measured in the 15-minute interval in which such average load in kVA is highest during the applicable period.

## FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount per kilowatt-hour and shall be calculated in the manner set out in the Additional Terms and Conditions hereto. **The Fuel Charge** represents the total cost of fuel (including the cost of fuel for energy purchased from Independent Power Producers) required for producing and delivering each kWh of electricity. **The IPP Charge** represents the difference between the IPP costs included in the base Customer, Demand and Energy charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

## FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

## TERMS OF CONTRACT

A contract for a period of three (3) years may be required as a condition of service, or of selection of the Time-of-Use Option. Customers are required to consume at least 50% of their energy requirements within the off-peak period in order to qualify for the Time-of-Use Option.

## SCHEDULE IV: RATE 50 - POWER SERVICE MEDIUM VOLTAGE

### AVAILABILITY

This rate class is available throughout the Island of Jamaica

### APPLICABILITY

This rate is applicable to customers other than residential households, with demand of 25 kilovolt-amperes (kVA) or more for all power and lighting purposes. Service is to be taken through one meter at a single point of delivery. Not applicable for standby, breakdown or auxiliary service. This is only applicable to customers with transformers that are non-JPS owned.

### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second) and three-phase. This service is provided and metered at primary voltage (6.9 kilovolts, 12 kilovolts, 13.8 kilovolts or 24 kilovolts as applicable and available).

### TIME -OF- USE OPTION

JPS may upon the application of a customer bill such customer in accordance with the Time-of-Use Option or Demand Charge, based on the time of day electricity is consumed.

**On-peak hours:** Monday – Friday 6:00 p.m. to 10:00 p.m.

**Off-peak hours:** Monday – Friday 10:00 p.m. to 6:00 a.m., and weekends and Public Holidays all hours except 6:00 p.m. to 10:00 p.m.

**Partial-peak hours:** Monday – Friday 6:00 a.m. to 6:00 p.m., and weekends and Public Holidays 6:00 p.m. to 10:00 p.m.

### CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$6,990.81 towards the cost of providing the service.

### DEMAND CHARGE

The Demand Charge for each kilovolt-ampere (kVA) Billing Demand shall be determined in accordance with the Time-of-Use Option, or the Standard Demand Charge as applicable (see Table below).

STANDARD DEMAND CHARGE (\$/KVA PER MONTH)	TIME-OF-USE OPTION (\$/KVA PER MONTH )		
	ON-PEAK	PART-PEAK	OFF-PEAK
<b>1,603.66</b>	<b>895.30</b>	<b>697.81</b>	<b>71.51</b>

### MINIMUM CHARGE

The minimum charge shall be the sum of the Demand and Customer Charges.

### ENERGY CHARGE

The Energy Charge shall be \$5.57/kWh. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the

electricity plant in service and all such additional fixed non-fuel costs not recovered through Customer and Demand Charges. The Energy Charge does not include any portion of fuel cost.

### BILLING DEMAND

### STANDARD

The kilovolt-ampere (kVA) Billing Demand for each month shall be the maximum demand for that month, or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

### TIME-OF-USE OPTION

**On-Peak Period:** Billing Demand in this period each month shall be the maximum demand for the On-Peak hours of that month. The minimum 25 kVA do not apply.

**Partial-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for the on-peak and partial-peak hours of that month, or 80% of the maximum demand for the on-peak and partial-peak hours during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

**Off-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for that month (regardless of the time-of-use period it was registered in), or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

## DETERMINATION OF MAXIMUM DEMAND

The maximum Demand shall be the registered integrated average load in kilovolt-ampere (kVA) measured in the 15-minute interval in which such average load in kVA is highest during the applicable period.

## FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount per kilowatt-hour and shall be calculated in the manner set out in the Additional Terms and Conditions hereto.

Demand and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

## FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

## TERMS OF CONTRACT

A contract for a period of three (3) years may be required as a condition of service, or of selection of the Time-of-Use Option. Customers are required to consume at least 50% of their energy requirements within the off-peak period in order to qualify for the Time-of-Use Option.

## SCHEDULE V: RATE 70 - POWER SERVICE MEDIUM VOLTAGE (INTERIM)

### AVAILABILITY

This rate class is available throughout the Island of Jamaica

### APPLICABILITY

This rate is applicable to customers other than residential households, with demand of 2 megavolt-amperes (MVA) or more for all power and lighting purposes. Service is to be taken through one meter at a single point of delivery. Not applicable for standby, breakdown or auxiliary service. This is only applicable to customers with transformers that are non-JPS owned.

### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second) and three-phase. This service is provided and metered at primary voltage (6.9 kilovolts, 12 kilovolts, 13.8 kilovolts or 24 kilovolts as applicable and available).

### DEMAND CHARGE

The maximum Demand shall be the registered integrated average load in kilovolt-ampere (kVA) measured in the 15-minute interval in which such average load in kVA is highest during the applicable period.

### TIME - OF - USE OPTION

JPS may upon the application of a customer bill such customer in accordance with the Time-of-Use Option or Demand Charge, based on the time of day electricity is consumed.

**On-peak hours:** Monday – Friday 6:00 p.m. to 10:00 p.m.

**Off-peak hours:** Monday – Friday 10:00 p.m. to 6:00 a.m., and weekends and Public Holidays, all hours other than 6:00 p.m. to 10:00 p.m.

**Partial-peak hours:** Monday – Friday 6:00 a.m. to 6:00 p.m., and weekends and Public Holidays 6:00 p.m. to 10:00p.m.

STANDARD DEMAND CHARGE (\$/KVA PER MONTH)	TIME-OF-USE OPTION (\$/KVA PER MONTH )		
	ON-PEAK	PART-PEAK	OFF-PEAK
<b>1,526.30</b>	<b>864.33</b>	<b>672.78</b>	<b>68.33</b>

## FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount per kilowatt-hour and shall be calculated in the manner set out

## CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$6,990.81 towards the cost of providing the service.

## DEMAND CHARGE

The Demand Charge for each kilovolt-ampere (kVA) Billing Demand shall be determined in accordance with the Time-of-Use Option, or the Standard Demand Charge as applicable (see Table below).

## MINIMUM CHARGE

The minimum charge shall be the sum of the Demand and Customer Charges.

## ENERGY CHARGE

The Energy Charge shall be \$3.71/kWh. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the electricity plant in service and all such additional fixed non-fuel costs not recovered through Customer and Demand Charges. The Energy Charge does not include any portion of fuel cost.

## BILLING DEMAND

### STANDARD

The kilovolt-ampere (kVA) Billing Demand for each month shall be the maximum demand for that month, or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

### TIME-OF-USE OPTION

**On-Peak Period:** Billing Demand in this period each month shall be the maximum demand for the On-Peak hours of that month. The minimum 25 kVA do not apply.

**Partial-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for the on-peak and partial-peak hours of that month, or 80% of the maximum demand for the on-peak and partial-peak hours during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

**Off-Peak Period:** The Billing Demand in this period each month shall be the maximum demand for that month (regardless of the time-of-use period it was registered in), or 80% of the maximum demand during the five-month period immediately preceding the month for which the bill is rendered, whichever is higher but not less than 25 kVA.

## DETERMINATION OF MAXIMUM DEMAND

The maximum Demand shall be the registered integrated average load in kilovolt-ampere (kVA) measured in the 15-minute interval in which such average load in kVA is highest during the applicable period.

STANDARD DEMAND CHARGE (\$/KVA PER MONTH)	TIME-OF-USE OPTION (\$/KVA PER MONTH )		
	ON-PEAK	PART-PEAK	OFF-PEAK
<b>1,526.30</b>	<b>864.33</b>	<b>672.78</b>	<b>68.33</b>

in the Additional Terms and Conditions hereto. The Fuel Charge represents the total cost of fuel (including the cost of fuel for energy purchased from Independent Power Producers) required for producing and delivering each kWh of electricity.

# JPS RATE SCHEDULES 2018-2019

The IPP Charge represents the difference between the IPP costs included in the base Customer, Demand and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

## FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

## TERMS OF CONTRACT

A contract for a period of three (3) years may be required as a condition of service, or of selection of the Time-of-Use Option. Customers are required to consume at least 50% of their energy requirements within the off-peak period in order to qualify for the Time-of-Use Option.

## SCHEDULE VI: RATE 60 - STREET LIGHTING

### AVAILABILITY

This rate class is available throughout the Island of Jamaica by way of fixtures within the Company's secondary distribution system. Dusk to dawn service controlled by photocell or other device to provide for approximately 4,450 hours of service per lamp per year.

### APPLICABILITY

This rate is applicable to Public Authorities, Local Municipalities, Statutory Organizations and private customers to provide lighting on public roadways, streets, parks, gardens, and other public areas as well as for private property at the customer's request.

### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second), single phase 110 volts or 110/220 volts. Installation is in accordance with the Company's specifications as to equipment, installation, operation and maintenance standards.

### CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$2,818.88 towards the cost of providing the service.

### ENERGY CHARGE PER LAMP PER MONTH

The Energy Charge covers non-fuel costs that vary with consumption such as the non-fuel cost of wear and tear of the electricity plant in service and all such additional non-fuel fixed costs not recovered through the Customer Charge. The Energy Charge does not include any portion of the fuel cost.

### Streettlights

(i) Company owned facilities - the installation, operation and maintenance of the fixtures installed within the Company's secondary distribution system are covered by the following rates:

2018 - 2019 STREET LIGHTS ENERGY RATES ( J\$ PER LAMP PER MONTH )									
TYPE	50 W	70 W	100 W	125 W	150 W	160 W	175 W	250 W	400 W
<b>INCANDESCENT (1)*</b>			897		1,346				
<b>MERCURY TUNGSTEN</b>						1,435	1,570		
<b>MERCURY VAPOUR (2)**</b>				1,121				2,243	3,588
<b>HIGH PRESSURE SODIUM</b>	888	1,220			1,731			2,799	4,261

\* These prices apply only to existing installations. JPS will not provide new installations of these types of lamps, except in areas where it is necessary to provide compatibility with existing lamps.

\*\* No new installations or replacements of these types of lamps will be made.

These rates are based on an Energy Charge of \$24.19/kWh.

(ii) Customer-owned Facilities - Street lighting installations, installed, owned and maintained by the customer shall be metered and charged \$24.19/kWh.

**Traffic Signals** - Traffic signals, traffic control systems installations, installed owned and maintained by the customer shall be metered and charged \$24.19/kWh.

## FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount per kilowatt-hour and shall be calculated in the manner set out in the Additional Terms and Conditions hereto. **The Fuel Charge** represents the total cost of fuel (including the cost of fuel for energy purchased from Independent Power Producers) required for producing and delivering each kWh of electricity. **The IPP Charge** represents the difference between the IPP costs included in the base Customer and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

## FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

## SCHEDULE VII: STANDBY CLASS - NON - FIRM

### AVAILABILITY

This rate class is available throughout the Island of Jamaica.

### APPLICABILITY

This rate is applicable for standby service to customers with a minimum demand of 25 kilovolt-amperes (kVA), who own and operate power production equipment or other source of power to meet their own power requirement and in addition contract to take supply from JPS at one location through one meter at a single point of delivery, on a non-firm basis.

Service will be provided at the discretion of JPS, based on the availability of the supply demanded by the customer and upon execution of the appropriate Contract for Standby Services.

### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second) and three-phase.

## Low Voltage (LV) Classification

This service is provided and metered at three-phase 220 volts delta system or three-phase 415/240 volts star system.

## Medium Voltage (MV) Classification

This service is provided and metered at primary voltage (6.9 kilovolts, 12 kilovolts, 13.8 kilovolts or 24 kilovolts, as applicable and available).

## RESERVE CAPACITY

The service shall be based on a contracted demand (Reserve Capacity) of which the minimum shall be 25 kilovolt-amperes (kVA). If in providing the supply the registered demand is higher than the contracted level, JPS shall apply the registered demand as the new Reserve Capacity.

## CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$6,990.81 towards the cost of providing the service.

## DEMAND CHARGE

The Demand Charge for each kilovolt-ampere (kVA) billing demand shall be \$82/kVA during months where no service is taken and shall be determined by the customer's voltage classification during the months when service is taken.

VOLTAGE CLASSIFICATION	DEMAND CHARGE (\$/KVA)
<b>LOW VOLTAGE (LV)</b>	<b>1,790.05</b>
<b>MEDIUM VOLTAGE (MV)</b>	<b>1,603.66</b>

## MINIMUM CHARGE

The minimum charge shall be the sum of the Demand and the Customer Charges.

## ENERGY CHARGE

The Energy Charge shall be \$5.77/(kWh) for the Low Voltage (LV) classification and \$5.57/kWh for the Medium Voltage (MV) classification. The Energy Charge covers non-fuel costs that vary with consumption such as the cost of wear and tear of the electricity plant in service and all such additional fixed non-fuel costs not recovered through the Customer and Demand Charges.

The Energy Charge does not include any portion of fuel cost.

## FUEL AND INDEPENDENT POWER PRODUCER (IPP) CHARGE

The Fuel and IPP Charge shall be a monthly amount per kilowatt-hour and shall be calculated in the manner set out in the Additional Terms and Conditions hereto. **The Fuel Charge** represents the total cost of fuel (including the cost of fuel for energy purchased from Independent Power Producers) required for producing and delivering each kWh of electricity.

## RESERVE CAPACITY

The service shall be based on a contracted demand (Reserve Capacity) of which the minimum shall be 25 kilovolt-amperes (kVA). If in providing supply the registered demand is higher than the contracted level, JPS shall apply the billing demand as the new Reserve Capacity.

## CUSTOMER CHARGE

The Customer Charge is applicable whether or not there is any consumption and irrespective of the level of consumption and shall be a monthly contribution of \$6,990.81 towards the cost of providing the service.

## DEMAND CHARGE

The Demand Charge for each kilovolt-amperes (kVA) billing demand shall be determined by the customer's voltage classification.

VOLTAGE CLASSIFICATION	DEMAND CHARGE (\$/KVA)
<b>LOW VOLTAGE (LV)</b>	<b>1,790.05</b>
<b>MEDIUM VOLTAGE (MV)</b>	<b>1,603.66</b>

The IPP Charge represents the difference between the IPP costs included in the base Customer, Demand and Energy Charges and the actual IPP non-fuel costs payable and/or paid by JPS. The Fuel and IPP Charge shall apply to all kWh billed under this Schedule.

## BILLING DEMAND

The kilovolt-ampere (kVA) Billing Demand for each month shall be the Reserve Capacity.

## DETERMINATION OF DEMAND

The Demand shall be the registered integrated average load in kVA measured in the 15-minute interval in which such average load in kVA is highest during the applicable period.

## FOREIGN EXCHANGE ADJUSTMENT

The Foreign Exchange Adjustment in force at the time shall apply to all charges except Fuel and IPP Charge under this Schedule. The requisite terms and conditions of the Foreign Exchange Adjustment provision are set out in the Additional Terms and Conditions hereto.

## TERMS OF CONTRACT

A contract for a period of three (3) years may be required as a condition of service.

## SCHEDULE VIII: STANDBY CLASS - FIRM

### AVAILABILITY

This rate class is available throughout the Island of Jamaica.

### APPLICABILITY

This rate is applicable for standby service to customers with a minimum demand of 25 kilovolt-amperes (kVA), who own and operate power production equipment or other source of power to meet their own power requirement and in addition contract to take supply from JPS at one location through one meter at a single point of delivery, on a firm basis. Service will be provided upon execution of the appropriate Contract for Standby Services. Service in excess of the firm contracted reserve capacity may be provided at the sole discretion of JPS, based on the availability of the supply.

### CHARACTER OF SERVICE

Service is alternating current, 50 Hertz (cycles per second) and three-phase.

### Low Voltage (LV) Classification

This service is provided and metered at three-phase 220 volts delta system or three phase 415/240 volts star system.

### Medium Voltage (MV) Classification

This service is provided and metered at primary voltage (6.9 kilovolts, 12 kilovolts, 13.8 kilovolts or 24 kilovolts, as applicable and available).