

**CITY OF STURGIS**  
**ELECTRIC DEPARTMENT**  
**Rates effective for all billings beginning October 1**

**Current Rates**

Customer Class	Energy Waste Reduction Surcharge	Service Charge	2020	
			Demand Charge per kW	Energy Charge per kWh
Residential Service - Rate A	\$0.00091 / kWh	\$ 16.50	\$ 0.96	\$ 0.09344
Residential Rural Service - Rate B	\$0.00091 / kWh	\$ 23.00	\$ 1.08	\$ 0.09870
General Service - Rate C	\$3.67 / meter	\$ 32.75	\$ 2.62	\$ 0.13394
Commerical & Industrial - Rate D	\$36.62/meter	\$ 120.00	\$ 17.75	\$ 0.06494
Commerical & Industrial - Rate D Time of Use	\$36.62/meter	\$ 161.00	\$ 8.25	
Energy - On Peak kWh				\$ 0.09031
Energy - Off Peak kWh				\$ 0.02847
Energy - Critical Peak kWh				\$ 0.20030
Primary Power Service - Rate PP	\$478.44/meter	\$ 280.00	\$ 18.25	\$ 0.05858
Primary Power Service - Rate PP Time of Use	\$478.44/meter	\$ 530.00	\$ 8.25	
Demand Charge per kW				
Energy - On Peak kWh				\$ 0.09031
Energy - Off Peak kWh				\$ 0.02847
Energy - Critical Peak kWh				\$ 0.20030
PCAF Base Included in Rates				\$ 0.0660
Projected Average PCAF				\$ 0.0031

*The rates specified above shall include a Power Cost Adjustment Factor as detailed in Schedule PCAF-1*

Security Lights	Cost per Month	Cost per Month
100 W High Pressure Sodium (HPS)		\$ 10.28
39 W LED Security Light		\$ 3.96
91 W LED Street Light		\$ 7.11
175 W Mercury (Obsolete)		\$ 13.73
250 W HPS - Wood Pole - OH Wiring		\$ 16.85
250 W HPS - Decorative Pole - UG Wiring		\$ 26.48
133 W LED Street Light		\$ 8.95
400 W Mercury - Wood Pole - OH Wiring		\$ 22.91
400 W Mercury - Decorative Pole - UG Wiring		\$ 35.89
250 W HPS / 2 lamps - Wood Pole		\$ 20.62
250 W HPS / 2 lamps - Decorative Pole		\$ 32.47

CITY OF STURGIS, MICHIGAN  
RESIDENTIAL ELECTRIC SERVICE  
RATE A & B

AVAILABILITY

Available for residential single family Dwelling Units when the entire electric requirement is supplied at one service location through one meter. Electric requirements for appurtenant buildings may be supplied from the same service location.

Service under this rate is not available when a portion of the Dwelling Unit or an appurtenant building is used for commercial, industrial or resale purposes unless the wiring is so arranged that service for residential and non-residential purposes are metered separately at separate service locations<sup>1</sup>. Rooming houses and apartment buildings will not be eligible for this residential rate unless each separate Dwelling Unit or apartment is separately metered.

NATURE OF SERVICE

Alternating current, 60 Hertz, single phase, 120/240 nominal volts.

RATE PER METER PER MONTH

	Rate A:	Rate B:
Service Charge:	\$16.50	\$23.00
Demand Charge per kW:	\$0.96	\$1.08
Energy Charge per kWh:	\$0.09344	\$0.09870

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for Rates A and B is \$0.00091 per kWh

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to these rates on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales tax.

PAYMENTS

Bills are due and payable as indicated on the monthly bill.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month.

UTILITY SERVICE TERMS AND CONDITIONS

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<sup>1</sup> Customers served under Rates A and B that have not separated may continue under these rates until the service is upgraded

Service under these rates is subject to the City of Sturgis Utility Service Terms and Conditions incorporated herein by reference.

CITY OF STURGIS, MICHIGAN  
RESIDENTIAL ELECTRIC SERVICE  
RATE C

AVAILABILITY

Available to general service customers with a monthly billing demand of less than 50 kW, served at a secondary voltage and the entire electric requirement is supplied at one service location through one meter.

NATURE OF SERVICE

Alternating current, 60 Hertz, single phase or three phase. The secondary voltage is determined by the City of Sturgis Electric Department.

RATE PER METER PER MONTH

Rate C:

Service Charge:	\$32.75
Demand Charge per kW:	\$2.62
Energy Charge per kWh:	\$0.13394

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for Rates C is \$3.67 per meter per month

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to this rate on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales tax.

PAYMENTS

Bills are due and payable as indicated on the monthly bill.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month.

TERM OF CONTRACT

Contracts executed under this tariff will be made for not less than one year with self-renewal provisions for successive one year periods. Either party shall give a least sixty days written notice to the other of its intention to terminate the contract at the end of the current period. The City retains the right to require longer term contracts.

UTILITY SERVICE TERMS AND CONDITIONS

Service under these rates is subject to the City of Sturgis Utility Service Terms and Conditions incorporated herein by reference.

Effective for all bills rendered on and after October 1, 2020

CITY OF STURGIS, MICHIGAN  
GENERAL SERVICE – DEMAND  
RATE D

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AVAILABILITY

Available to general service customers with a monthly billing demand of 50 kW, or greater, served at a secondary voltage and the entire electric requirement is supplied at one service location through one meter.

NATURE OF SERVICE

Alternating current 60 Hertz, three phase. The secondary voltage is determined by the City of Sturgis Electric Department.

RATE PER METER PER MONTH

Service Charge:	\$120.00
Demand Charge:	\$17.75
Energy Charge:	\$0.06494

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for Rate D is \$36.62 per meter

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to this rate on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge, plus the minimum demand charge of \$887.50, plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales Tax.

PAYMENTS

Bills are due and payable as indicated on the monthly bill.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month. The minimum demand under this rate shall be 50 kW.

ELIGIBILITY FOR PRIMARY SERVICE DISCOUNT

Customers receiving electric service at primary voltage and that own all facilities beyond the primary cable terminations, are eligible for a primary power discount of \$0.88 per kW of billing demand. The City of Sturgis will own, operate and maintain the electric meter, instrument transformers and related equipment.

POWER FACTOR ADJUSTMENT

The total monthly charge will be increased or decreased in accordance with the Power Factor Adjustment Rider, Schedule PF-1

Effective for all bills rendered on and after October 1, 2020

TERM OF CONTRACT

Contracts executed under this tariff will be made for not less than one year with self-renewal provisions for successive one year periods. Either party shall give a least sixty days written notice to the other of its intention to terminate the contract at the end of the current period. The City retains the right to require longer term contracts.

UTILITY SERVICE TERMS AND CONDITIONS

Service under these rates is subject to the City of Sturgis Utility Service Terms and Conditions incorporated herein by reference.

CITY OF STURGIS, MICHIGAN  
GENERAL SERVICE – TIME OF USE  
RATE D – TOU

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AVAILABILITY

Available to general service customers with a monthly billing demand of 50 kW, or greater, served at a secondary voltage and the entire electric requirement is supplied at one service location through one meter.

NATURE OF SERVICE

Alternating current 60 Hertz, three phase. The secondary voltage is determined by the City of Sturgis Electric Department.

RATE PER METER PER MONTH

Service Charge:	\$161.00
Demand Charge:	\$8.25
On-Peak Energy Charge:	\$0.09031
Off-Peak Energy Charge:	\$0.02847
Critical Peak Energy Charge:	\$0.20030

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for Rate D TOU is \$36.62 per meter

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to this rate on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge, plus the minimum demand charge of \$412.50, plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales Tax.

PAYMENTS

Bills are due and payable as indicated on the monthly bill.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month. The minimum demand under this rate shall be 50 kW.

ELIGIBILITY FOR PRIMARY SERVICE DISCOUNT

Customers receiving electric service at primary voltage and that own all facilities beyond the primary cable terminations, are eligible for a primary power discount of \$0.88 per kW of billing demand. The City of Sturgis will own, operate and maintain the electric meter, instrument transformers and related equipment.

POWER FACTOR ADJUSTMENT

Effective for all bills rendered on and after October 1, 2020

The total monthly charge will be increased or decreased in accordance with the Power Factor Adjustment Rider, Schedule PF-1.

**DETERMINATION OF OFF-PEAK PERIOD**

The off-peak period is defined as follows:

**April through November off-peak hours**

Monday through Friday	Hours between 10:00pm and 6:00am
Saturday and Sunday	All hours
Holidays	All hours on: Memorial Day, Independence Day, Labor Day, Thanksgiving Day

**December – March off-peak hours**

Monday through Friday	Hours between 10:00pm and 6:00am Hours Between 10:00 am and 4:00 pm
Saturday and Sunday	All hours
Holidays	All hours on: New Year's Day, Christmas Day

**DETERMINATION OF CRITICAL-PEAK PERIOD**

**April through November critical peak hours**

Monday through Friday	Hours between 3:00pm and 7:00pm
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**December – March critical peak hours**

Monday through Friday	Hours between 6:00am and 10:00am
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**DETERMINATION OF ON-PEAK PERIOD**

**April through November on-peak hours**

Monday through Friday	Hours between 6:00am and 3:00pm Hours between 7:00pm and 10:00pm
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**December – March on-peak hours**

Monday through Friday	Hours between 4:00pm and 10:00pm
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**TERM OF CONTRACT**

Contracts executed under this tariff will be made for not less than one year with self-renewal provisions for successive one year periods. Either party shall give a least sixty days written notice to the other of its intention to terminate the contract at the end of the current period. The City retains the right to require longer term contracts.

**UTILITY SERVICE TERMS AND CONDITIONS**

Service under these rates is subject to the City of Sturgis Utility Service Terms and Conditions incorporated herein by reference.



CITY OF STURGIS, MICHIGAN  
PRIMARY POWER SERVICE  
RATE PP

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AVAILABILITY

Available to any customer desiring primary voltage service when the electrical requirements are supplied at one service location through one metering installation and the On Peak billing demand is 500 kW or more. This rate is not available for emergency or standby service.

NATURE OF SERVICE

Available to any customer desiring primary voltage service when the electrical requirements are supplied at one service location through one metering installation and the On Peak billing demand is 500 kW or more. This rate is not available for emergency or standby service.

RATE PER METER PER MONTH

Service Charge:	\$280.00
Demand Charge:	\$18.25
On-Peak Energy Charge:	\$0.05858

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for this rate is \$478.44 per meter

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to this rate on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge, plus the minimum demand charge of \$9,125.00, plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales Tax.

PAYMENTS

Bills are due and payable as indicated on the monthly bill.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month. The minimum demand under this rate shall be 500 kW.

POWER FACTOR ADJUSTMENT

The total monthly charge will be increased or decreased in accordance with the Power Factor Adjustment Rider, Schedule PF-1.

TERM OF CONTRACT

Contracts executed under this tariff will be made for not less than one year with self-renewal provisions for successive one year periods. Either party shall give a least sixty days written notice to the other of its intention to terminate the contract at the end of the current period.

Effective for all bills rendered on and after October 1, 2020

The City retains the right to require longer term contracts.

UTILITY SERVICE TERMS AND CONDITIONS

Service under these rates is subject to the City of Sturgis Utility Service Terms and Conditions incorporated herein by reference.

CITY OF STURGIS, MICHIGAN  
PRIMARY POWER SERVICE – TIME OF USE  
RATE PP – TOU

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AVAILABILITY

Available to any customer desiring primary voltage service when the electrical requirements are supplied at one service location through one metering installation and the On Peak billing demand is 500 kW or more. This rate is not available for emergency or standby service.

NATURE OF SERVICE

Available to any customer desiring primary voltage service when the electrical requirements are supplied at one service location through one metering installation and the On Peak billing demand is 500 kW or more. This rate is not available for emergency or standby service.

RATE PER METER PER MONTH

Service Charge:	\$530.00
Demand Charge:	\$8.25
On-Peak Energy Charge:	\$0.09031
Off-Peak Energy Charge:	\$0.02847
Critical Peak Energy Charge:	\$0.20030

ENERGY WASTE REDUCTION SURCHARGE

The monthly Energy Waste Reduction Surcharge for this rate is \$478.44 per meter

POWER COST ADJUSTMENT FACTOR

A Power Cost Adjustment Factor is calculated each month and will be applied to this rate on a per kWh basis.

MINIMUM CHARGE

The minimum monthly charge is equal to the monthly Service Charge, plus the minimum demand charge of \$4,125.00, plus applicable fees.

SALES TAX

The above rate is subject to Michigan State Sales Tax.

PAYMENTS

Bills are due and payable as indicated on the monthly billing statement.

DETERMINATION OF BILLING DEMAND

The billing demand shall be the kW supplied during the 15 minute period of maximum use during the billing month. The minimum demand under this rate shall be 500 kW.

POWER FACTOR ADJUSTMENT

The total monthly charge will be increased or decreased in accordance with the Power Factor Adjustment Rider, Schedule PF-1.

DETERMINATION OF OFF-PEAK PERIOD

The off-peak period is defined as follows:

Effective for all bills rendered on and after October 1, 2020

**April through November off-peak hours**

Monday through Friday	Hours between 10:00pm and 6:00am
Saturday and Sunday	All hours
Holidays	All hours on: Memorial Day, Independence Day, Labor Day, Thanksgiving Day

**December – March off-peak hours**

Monday through Friday	Hours between 10:00pm and 6:00am Hours Between 10:00 am and 4:00 pm
Saturday and Sunday	All hours
Holidays	All hours on: New Year's Day, Christmas Day

DETERMINATION OF CRITICAL-PEAK PERIOD**April through November critical peak hours**

Monday through Friday	Hours between 3:00pm and 7:00pm
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**December – March critical peak hours**

Monday through Friday	Hours between 6:00am and 10:00am
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DETERMINATION OF ON-PEAK PERIOD**April through November on-peak hours**

Monday through Friday	Hours between 6:00am and 3:00pm Hours between 7:00pm and 10:00pm
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**December – March on-peak hours**

Monday through Friday	Hours between 4:00pm and 10:00pm
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TERM OF CONTRACT

Contracts executed under this tariff will be made for not less than one year with self-renewal provisions for successive one year periods. Either party shall give a least sixty days written notice to the other of its intention to terminate the contract at the end of the current period. The City retains the right to require longer term contracts.

UTILITY SERVICE TERMS AND CONDITIONS

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CITY OF STURGIS, MICHIGAN

POWER COST ADJUSTMENT FACTOR

SCHEDULE PCAF-1

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APPLICATION

The Power Cost Adjustment Factor (PCAF) is applicable to all rate schedules in the City of Sturgis Electric Department and shall be increased or decreased as a charge or credit to reflect variations in power supply costs.

The PCAF shall be applied to all kWh units sold under these rate schedules, shall be calculated as a rolling twelve (12) month average, shall be the sum of purchased power supply costs<sup>[1]</sup> based on actual data from the most recent twelve-month period preceding the start of the billing month to which the adjustment is to be applied, less an average retail power supply base cost<sup>[2]</sup>, which has been incorporated into all retail base rate schedules. Components of the adjustment are hereby adopted for all utility bills issued on and after October 1, 2018, and are calculated as follows:

PCAF CALCULATION

PCAF = (12-month power supply costs (\$) / 12-month kWh units purchased) \* 1.051<sup>[3]</sup> - Base PCAF (\$)

$\frac{12\text{-month P/S Cost (\$)}}{12\text{-month P/S units} / 1.051}$	-	\$0.0780
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DEFINITION OF TERMS

[1] Power supply costs: The power supply cost increment per kWh shall include all costs incurred in the procurement of adequate power supply, transmission of power supply, and adjustments required to reconcile previous over/under PCAF collections

[3] Base PCAF: \$0.0780 / retail kWh

[2] Loss Adjustment: Adjustment of 5.1% for losses incurred through distribution system to retail sales units