



## Holland Board of Public Works Rate A

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available for all Residential customers

**Character of Service:**

Alternating current, 60-Hertz, single or three phase (subject to availability). The nature of the voltage is to be determined by the Holland Board of Public Works.

**Rates:**

Charge	Amount	Details
Readiness to Serve	\$11.75	Per month
Energy Optimization	Refer to the Energy Optimization Schedule	
Delivery	\$0.0422	Per kWh
Energy (Nov - Apr)	\$0.0520	Per kWh
Energy (May - Oct)	\$0.0637	Per kWh

**Minimum Charge is the sum of the charges listed below on all active accounts\* per meter.**

- Readiness to Serve Charge
- Energy Optimization Charge (*Please refer to the Energy Optimization Schedule*)

\*Active accounts are services with installed meters that are available for customer use.

**Terms and Conditions of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



**Holland Board of Public Works  
Rate B**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available for use to all Commercial and Industrial customers with an average Billing Demand of 25 kW or less regardless of load factor or an average Billing Demand between 25kW to 100 kW provided the load factor is greater than 30% in the preceding twelve (12) months.

**Character of Service:**

Alternating current, 60-Hertz, single or three phase (subject to availability). The nature of the voltage is to be determined by the Holland Board of Public Works.

**Rates:**

<b>Charge</b>	<b>Amount</b>	<b>Details</b>
Readiness to Serve	\$34.00	Per month
Energy Optimization	Refer to the Energy Optimization Schedule	
Delivery	\$0.0422	Per kWh
Energy (Nov - Apr)	\$0.0708	Per kWh
Energy (May - Oct)	\$0.0829	Per kWh

**Minimum Charge is the sum of the charges listed below on all active accounts\* per meter.**

- Readiness to Serve Charge
- Energy Optimization Charge *(Please refer to the Energy Optimization Schedule)*

\*Active accounts are services with installed meters that are available for customer use.

**Terms and Conditions of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



**Holland Board of Public Works  
Public Lighting/Security Lighting  
Rate D**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Public Lighting service is available in areas serviced by the Holland Board of Public Works (HBPW) electric distribution system.

Decorative Pedestrian Street/Security Lighting is available in areas serviced by HBPW underground electric lines.

**Applicable:**

The HBPW owns and maintains all the lighting equipment and appurtenances, and the Monthly Amount includes all energy, parts, and labor, except for lights designated as "Energy Only".

The "Energy Only" rate is available for municipal owned lights when the municipality assumes all costs for procurement, installation, maintenance and replacement.

Energy usage is based on average annual dusk to dawn power consumption which is calculated as 4380 hours per year. No discounts in the monthly rate will be made for timers, motion detectors or similar equipment.

**Standard Pole Mounted Street/Security Lighting:**

<b>Lighting</b>	<b>Monthly Amount</b>	<b>Details</b>
150 watt Sodium Cobra Head	\$14.95	No New Installation
250 watt Sodium Cobra Head	\$17.75	No New Installation
150 watt Sodium Security Light	\$13.55	No New Installation
250 watt Sodium Security Light	\$16.35	No New Installation
400 watt Sodium Security Light	\$22.50	No New Installation
40 watt LED Cobra Head	\$9.10	
85 watt LED Cobra Head	\$10.70	
100 watt LED Cobra Head	\$12.10	
150 watt LED Security Light	\$15.60	

**Decorative Pedestrian Style Street/Security Lighting:**

<b>Lighting</b>	<b>Monthly Amount</b>	<b>Details</b>
100 watt Metal Halide	\$18.00	No New Installation
175 watt Metal Halide	\$20.40	No New Installation
70 watt High Pressure Sodium	\$14.95	No New Installation
150 watt High Pressure Sodium	\$20.55	No New Installation
60 watt LED	\$2.30	Energy Only
30 watt LED	\$14.60	
60 watt LED	\$15.65	

**Terms and Conditions of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019

Holland City Council, May 1, 2019



**Holland Board of Public Works  
Combined Lighting and Power General Service  
Rate K**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Assigned to all Commercial and Industrial customers with a Billing Demand greater than 1000 kW any time in the preceding twelve (12) months.

**Character of Service:**

Alternating current, 60-Hertz, single or three phase (subject to availability). The nature of the voltage is to be determined by the Holland Board of Public Works.

**Rates:**

<b>Charge</b>	<b>Amount</b>	<b>Details</b>
Readiness to Serve	\$210.00	Per month
Energy Optimization	Refer to the Energy Optimization Rate Schedule	
Delivery	\$3.50	Per kW
Capacity	\$11.00	Per kW
Energy - up to 2,500,000 kWh	\$0.0490	Per kWh
Energy - greater than 2,500,000 kWh	\$0.0400	Per kWh

**Adjustment for Power Factor:**

This rate requires a determination of the average Power Factor maintained by the customer during the billing period. Such average Power Factor shall be determined through metering of lagging Kilovar-hours and Kilowatt-hours during the billing period. Whenever the average Power Factor during the billing period is below 0.850, the bill shall be adjusted as follows:

**Power Factor Adjustment:**

0.800 to 0.849 1% of total kWh and kW metered-based charges  
0.750 to 0.799 2% of total kWh and kW metered-based charges  
0.700 to 0.749 3% of total kWh and kW metered-based charges  
0.650 to 0.699 4% of total kWh and kW metered-based charges

A Power Factor less than 0.650 is not permitted and necessary corrective equipment must be installed by the customer. A 15% penalty will be applied to any metered-based charges, excluding surcharges, as long as the customer's Power Factor remains below 0.650.

**Minimum Charge is the sum of the charges listed below on all active accounts\* per meter.**

- Readiness to Serve Charge
- Delivery Charge
- Capacity Charge
- Energy Optimization Charge (*Please refer to the Energy Optimization Schedule*)

\*Active accounts are services with installed meters that are available for customer use.

**Transformer Ownership Discount:**

A customer who owns and maintains its own transformer in satisfactory condition will receive a credit of \$0.45 per kW on maximum billing demand and a three (3) percent discount on all kWh during the billing period.

**Delivery Charge:**

The kW billing demand for the delivery charge shall be the maximum fifteen (15) minute integrated rolling demand during the billing period.

**Capacity Charge:**

The kW billing demand for the capacity charge shall be the maximum fifteen (15) minute integrated rolling demand during the on-peak hours during the billing period.

**Minimum Billing Demand:**

The minimum billing demand used for the delivery and capacity charges shall be not less than 60% of the highest on-peak demand established during the preceding twelve (12) months.

**On-Peak hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Holland Board of Public Works). Weekends and holidays are considered off-peak.

On-peak – 10 a.m. to 6 p.m.

Off-peak – 6 p.m. to 10 a.m.

**Designated Holidays:**

- New Year's Day – January 1
- Memorial Day – Last Monday in May
- Independence Day – July 4
- Labor Day – First Monday in September
- Thanksgiving Day – fourth Thursday of November
- Christmas Day – December 25

Whenever a holiday falls on a weekend, neither the Friday nor the Monday will be considered as holidays for application of off-peak hours.

**Terms and Conditions of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019

Holland City Council, May 1, 2019



**Holland Board of Public Works  
Combined Lighting and Power General Service  
Rate M**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available for use to all Commercial and Industrial customers with a billing demand less than 1000 kW.

**Character of Service:**

Alternating current, 60-Hertz, single or three phase (subject to availability). The nature of the voltage is to be determined by the Holland Board of Public Works.

**Rates:**

Charge	Amount	Details
Readiness to Serve		Per month
Up to 50,000 kWh	\$50.00	
50,001 kWh to 250,000 kWh	\$114.00	
250,001 kWh and above	\$210.00	
Energy Optimization	Refer to the Energy Optimization Rate Schedule	
Delivery	\$3.50	Per kW
Capacity	\$11.00	Per kW
Energy	\$0.0506	Per kWh

**Minimum Charge is the sum of the charges listed below on all active accounts\* per meter.**

- Readiness to Serve Charge
- Delivery Charge
- Capacity Charge
- Energy Optimization Charge (*Please refer to the Energy Optimization Schedule*)

\*Active accounts are services with installed meters that are available for customer use.

**Transformer Ownership Discount:**

A customer who owns and maintains its own transformer in satisfactory condition will receive a credit of \$0.45 per kW on maximum billing demand and a three (3) percent discount on all kWh during the billing period.

**Delivery Charge:**

The kW billing demand for the delivery charge shall be the maximum fifteen (15) minute integrated rolling demand during the billing period.

**Capacity Charge:**

The kW billing demand for the capacity charge shall be the maximum fifteen (15) minute integrated rolling demand during the on-peak hours during the billing period.

**Minimum Billing Demand:**

The minimum billing demand used for the delivery and capacity charges shall be not less than 60% of the highest on-peak demand established during the preceding twelve (12) months.

**On-Peak hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Holland Board of Public Works). Weekends and holidays are considered off-peak.

On-peak – 10 a.m. to 6 p.m.

Off-peak – 6 p.m. to 10 a.m.

**Designated Holidays:**

- New Year's Day – January 1
- Memorial Day – Last Monday in May
- Independence Day – July 4
- Labor Day – First Monday in September
- Thanksgiving Day – fourth Thursday of November
- Christmas Day – December 25

Whenever a holiday falls on a weekend, neither the Friday nor the Monday will be considered as holidays for application of off-peak hours.

**Terms and Conditions of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019





**Holland Board of Public Works  
District Thermal Energy  
Rate S**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available for use by the City of Holland for governmental purposes.

**Character of Service:**

Water containing thermal energy delivered to the City at the Holland Energy Park Power Plant. The magnitude of quantities for water and thermal energy shall be pre-arranged with the Holland Board of Public Works.

**Rates:**

<b>Charge</b>	<b>Amount</b>	<b>Details</b>
2004, 2007, 2009 Expansions Capital Recovery	\$2,329.54	Per month
2017 Expansion Capital Recovery	\$11,872.86	Per month
Readiness to Serve	\$50.00	Per month
Energy Optimization	Refer to the Energy Optimization Rate Schedule	
Pumping Operation Energy	\$0.0506	Per kWh
Capacity	\$11.00	Per kW Billing Demand
Chemical Cost	\$458.34	Per Month

\*Readiness to Serve Charge, Energy Optimization Charge, Energy per kWh, Capacity Charge and minimum billing demand maintains same rate as rate M.

**Minimum Charge is the sum of the charges listed below on all active accounts\*.**

- Capital Recovery Charge
- Readiness to Serve Charge
- Chemical Cost charge
- Energy Optimization Charge (*Refer to Energy the Optimization Rate Schedule*)

\*Active accounts are services with installed meters that are available for customer use.

**Terms of Service:**

Service will be further governed by the Holland Board of Public Works Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



**Holland Board of Public Works  
Public Unmetered Accounts  
Rate U**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

- A) For Public use power accounts where estimated monthly kWh consumption is 100 kWh or less per connection. Typical applications are sprinkler timers, emergency sirens, etc.
- B) Public use includes State of Michigan, its political subdivisions, and public school districts.
- C) Each individual connection to the HBPW system is considered to be an account.
- D) Estimated monthly kWh consumption will be at Holland BPW's sole determination. If the customer disagrees with Holland BPW's calculation, an electric meter may be installed, subject to charges described in Rate B.

**Rate per Month:**

\$20.00, inclusive of the following charges:

- Readiness to serve
- Energy
- Distribution
- Capacity

**Terms of Service:**

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



## Holland Board of Public Works

### Energy Optimization Schedule

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Energy Optimization Charges:**

Charge	Amount	Details
Residential	\$0.001759	Per kWh
Commercial & Industrial		
Tier 1: 0-5,000 kWh	\$2.75	Per billing meter
Tier 2: 5,001-25,000 kWh	\$31.62	Per billing meter
Tier 3: 25,001-100,000 kWh	\$122.89	Per billing meter
Tier 4: 100,001-250,000 kWh	\$243.38	Per billing meter
Tier 5: >250,000 kWh	\$390.00	Per billing meter

**Terms and Conditions of Service:**

The Holland Board of Public Works implemented the Energy Optimization program in accordance with the Clean, Renewable, and Efficient Energy Act pursuant to Michigan Public Act 295 (PA295) of 2008.

**The Energy Optimization** charge is used to fund the Energy Smart Program for the Holland Board of Public Works customers. All residential customers are charged based on kilowatt hour (kWh) consumption. All commercial and industrial customers are charged according to the consumption tiers listed above per meter per billing cycle.

Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



## Holland Board of Public Works

### Renewable Energy Program Rate

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available to all Holland Board of Public Works customers on a first come first serve basis. Availability is limited.

**Rate:** Renewable Energy is available in 100 kWh blocks or in 5% increments of total monthly consumption.

Charge	Amount	Details
Renewable Energy Premium	\$0.015	Per kWh

**Terms and Conditions of Service:**

The minimum term available to all customers is twelve (12) continuous complete billing periods.

Service will be further governed by the Holland Board of Public Works Terms and Condition.

**Approved:**

Board of Public Works, March 11, 2019  
Holland City Council, May 1, 2019



**Holland Board of Public Works  
Residential Charging Station for Electric Vehicle**

**Effective Date:**

Rates effective for bills issued on and after July 1, 2019.

**Availability:**

Available only for the energy used by the Residential Electric Vehicle Charging Station.

**Character of Service:**

This service is designed for residents with a charging station at one's residence. Variances in rate with the energy used by the charging station will be credited or debited, according to the usage pattern recorded on the embedded charging station meter, to the customer's account semiannually.

**Rates:**

Charge	Amount	Details
Energy (On-Peak)	\$0.1200	Per kWh
Energy (Off-Peak)	\$0.0350	Per kWh

**On-Peak hours:**

The following schedule shall apply Monday through Friday (except holidays designated by the Holland Board of Public Works). Weekends and holidays are considered off-peak.

On-peak – 8 a.m. to 10 p.m.

Off-peak – 10 p.m. to 8 a.m.

**Designated Holidays:**

- New Year's Day – January 1
- Memorial Day – Last Monday in May
- Independence Day – July 4
- Labor Day – First Monday in September
- Thanksgiving Day – fourth Thursday of November
- Christmas Day – December 25

**Terms and Conditions of Service:**

The residential charging station must comply with requirements which are more fully described in Electric Service Ratebook Terms and Conditions. Service will be further governed by the Holland Board of Public Works Electric Service Ratebook Terms and Conditions.

**Approved:**

Board of Public Works, March 11, 2019

Holland City Council, May 1, 2019