



Holland Board of Public Works Rate A

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

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 Bill
Delivery	\$0.0422	Per kWh
Energy (Nov - Apr)	\$0.0480	Per kWh
Energy (May - Oct)	\$0.0589	Per kWh

Minimum Charge is the Readiness to Serve charge on all active meters per customer billing account.

Distributed Energy Value	Amount	Details
Nov - Apr	\$0.0580	Per kWh
May - Oct	\$0.0800	Per kWh

Terms and Conditions of Service:

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

Approved:

Board of Public Works, March 6, 2023
Holland City Council, May 3, 2023



**Holland Board of Public Works
Rate B**

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

Availability:

Assigned 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. When average load factor is less than 30% in the preceding twelve (12) months, customers will be placed on Rate M.

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	\$34.00	Per month
Delivery	\$0.0422	Per kWh
Energy (Nov - Apr)	\$0.0632	Per kWh
Energy (May - Oct)	\$0.0740	Per kWh

Minimum Charge is the Readiness to Serve Charge on all active meters per customer billing account.

Distributed Energy Value	Amount	Details
Nov - Apr	\$0.0632	Per kWh
May - Oct	\$0.0800	Per kWh

Terms and Conditions of Service:

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

Approved:

Board of Public Works, March 6, 2023
Holland City Council, May 3, 2023



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

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

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:

Lighting	Monthly Amount	Details
150 watt Sodium Cobra Head	\$15.70	No New Installation
150 watt Sodium Security Light	\$14.25	No New Installation
250 watt Sodium Security Light	\$17.20	No New Installation
40 watt LED Cobra Head	\$11.50	
85 watt LED Cobra Head	\$13.15	
100 watt LED Cobra Head	\$14.65	
150 watt LED Security Light	\$15.85	

Decorative Pedestrian Style Street/Security Lighting:

Lighting	Monthly Amount	Details
100 watt Metal Halide	\$22.85	No New Installation
150 watt High Pressure Sodium	\$21.60	No New Installation
60 watt LED	\$2.30	Energy Only
30 watt LED	\$19.35	
60 watt LED	\$20.50	

Terms and Conditions of Service:

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

Approved:

Board of Public Works, March 6, 2023
Holland City Council, May 3, 2023



**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, 2023.

Availability:

Assigned to all Commercial and Industrial customers with a Billing Demand greater than 1000 kW billed at 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:

Charge	Amount	Details
Readiness to Serve	\$210.00	Per meter, per month
Delivery	\$3.50	Per kW
Capacity	\$11.41	Per kW
Energy - up to 2,500,000 kWh	\$0.0430	Per kWh
Energy - greater than 2,500,000 kWh	\$0.0351	Per kWh

Distributed Energy Value	Amount	Details
Nov - Apr	\$0.0580	Per kWh
May - Oct	\$0.0800	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 Kilo-var-hours and Kilowatt-hours during the billing period. Whenever the average Power Factor during the billing period is below 0.900, the bill shall be adjusted as follows:

Power Factor Adjustment:

0.850 to 0.899 1% of total kWh and kW metered-based charges
0.800 to 0.849 2% of total kWh and kW metered-based charges
0.750 to 0.799 3% of total kWh and kW metered-based charges
0.700 to 0.749 4% of total kWh and kW metered-based charges

A Power Factor less than 0.700 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 0.700.

Minimum Charge is the sum of the charges listed below on all active meters* per customer account.

- Readiness to Serve Charge
- Minimum Billing Demand

*Active meters per customer account will be charged a Readiness to Serve fee on a per meter basis.

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 the application of off-peak hours.

Terms and Conditions of Service:

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

Approved:

Board of Public Works, March 6, 2023

Holland City Council, May 3, 2023



**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, 2023.

Availability:

Assigned to all Commercial and Industrial customers with a billing demand greater than 100 kW and less than 1000 kW. Customers with an average Billing Demand between 25kW and 100 kW and a load factor less than 30% in the preceding twelve (12) months will be placed on Rate M.

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	
Delivery	\$3.50	Per kW
Capacity	\$11.41	Per kW
Energy	\$0.0436	Per kWh

Distributed Energy Value	Amount	Details
Nov - Apr	\$0.0580	Per kWh
May - Oct	\$0.0800	Per kWh

Minimum Charge is the sum of the charges listed below on all active meters* per customer account.

- Readiness to Serve Charge
- Minimum Billing Demand

*Active meters per customer account will be charged a Readiness to Serve fee on a per meter basis.

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 the application of off-peak hours.

Terms and Conditions of Service:

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

Approved:

Board of Public Works, March 6, 2023

Holland City Council, May 3, 2023



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

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

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:

Charge	Amount	Details
2004, 2007, 2009 Expansions Capital Recovery ¹	\$2,329.54	Per month
2017 Expansion Capital Recovery ²	\$11,339.84	Per month
Readiness to Serve	\$50.00	Per month
Pumping Operation Energy	\$0.0436	Per kWh
Capacity	\$11.41	Per kW Billing Demand
Chemical Cost	\$1,280.00	Per Month

*Readiness to Serve 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

*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 6, 2023
Holland City Council, May 3, 2023

¹ Capital Recovery will be fully amortized 12/31/2035

² Capital Recovery will be fully amortized 12/31/2042



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

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

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 Terms and Conditions.

Approved:

Board of Public Works, March 6, 2023
Holland City Council, May 3, 2023



Holland Board of Public Works

Renewable Energy Program Rate

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

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 35% or 85% increments of total monthly consumption.

Charge	Amount	Details
Renewable Energy Premium	\$0.010	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 6, 2023
Holland City Council, May 3, 2023



Holland Board of Public Works
Time-of-Use Rate for Residential Customers that possess a Plug-in Electric Vehicle

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

Availability:

Available for Residential customers who own or lease a Plug-in Electric Vehicle

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 Bill
Delivery	\$0.0422	Per kWh
Energy-Mid peak (Nov - Apr)	\$0.0480	Per kWh
Energy-Mid peak (May - Oct)	\$0.0589	Per kWh
Energy-On peak	\$0.1200	Per kWh
Energy-Off peak	\$0.0301	Per kWh

Minimum Charge is the Readiness to Serve charge on all active meters per customer billing account.

Distributed Energy Value	Amount	Details
Nov - Apr	\$0.0580	Per kWh
May - Oct	\$0.0800	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 – 10 a.m. to 6 p.m.

Mid-peak – 8 a.m. to 10 a.m. and 6 p.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:

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

Approved:

Board of Public Works, March 6, 2023

Holland City Council, May 3, 2023



Holland Board of Public Works Non-Residential Electric Vehicle Charging Service

Effective Date:

Rates effective for bills issued on and after July 1, 2023.

Availability:

Available for use to all customers with a separately metered Direct Current Fast Charger (150 kW and greater) electric vehicle charging station(s).

Character of Service:

Alternating current, 60-Hertz, three phase service (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	
Delivery	\$3.55	Per kW
Energy	\$0.0754	Per kWh

Minimum Charge is the sum of the charges listed below on all active meters* per customer account.

- Readiness to Serve Charge
- Minimum Billing Demand

*Active meters per customer account will be charged a Readiness to Serve fee on a per meter basis.

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.

Minimum Billing Demand:

The minimum kW billing demand used for Delivery Charges shall be not less than 60% of the highest demand established during the preceding twelve (12) months.

Terms and Conditions of Service:

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

Approved:

Board of Public Works, August 8, 2022
Holland City Council, August 17, 2022