

# Lowell Light and Power

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# Lowell Light and Power

## Rate Schedules

### Policy 4-1

**Subject:** Power Supply Cost Adjustment Factor - PCA

#### Applicability

The power Supply Cost Adjustment Factor (PCA) shall apply to all LL&P Electric Rate Schedules, except for non-metered rates (Street Lighting, Residential Security Lighting). The adjustment shall be applied to all kilowatt-hours billed to the customer for the billing period.

#### Base Power Supply Cost

The PCA is calculated on base energy charges determined through the Michigan Public Power Association, factoring the variable fuel costs associated with the power generated, additional market-purchased power, and variable transmission costs.

#### Power Supply Cost Adjustment Factor Calculation

The PCA rate shall be calculated and evaluated monthly. Any necessary charges will be applied to the total kilowatt hour usage for each monthly billing cycle.

#### PCA Rates

Residential Rates (111/121)	\$0.00500 per kWh
Commercial/Industrial Rates (221-224)	\$0.00500 per kWh

#### Applied PCA Charges

The PCA charges for each billing period will be a charge or a credit depending on the calculation and evaluation that was done for the previous month.

Revised July 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-2

**Subject:** Energy Optimization Cost Adjustment Factor - EO

#### Applicability

The Energy Optimization Cost Adjustment Factor (EO) shall apply to all LL&P Electric Rate Schedules, except for non-metered rates (Street Lighting, Residential Security Lighting). The adjustment shall be applied to either all kilowatt-hours billed to the customer or as a fixed rate to each customer's monthly bill.

#### Energy Optimization Charges

The charges applied to customer accounts will be in accordance to the Lowell Light and Power Energy Optimization Plan (EOP), MPSC Case No. U-15869 pursuant to 2008 Public Act 295 (PA 295) as filed with the Michigan Public Service Commission (MPSC) on April 4, 2009.

#### Energy Optimization Cost Adjustment Factor Calculation

The EO rates shall be calculated on an annual basis according to the EOP

#### EO Rates

Residential Rates (111/121)	\$0.001627 per kWh
Commercial Rate (221, 222)	\$6.30 per Month
Industrial Rate (223, 224)	\$363.00 per Month

Revised March 2012

# Lowell Light and Power

## Rate Schedules

### Policy 4-3

**Subject:** Low Income Energy Assistance Fund Charge - LIEAF

#### Applicability

The Low Income Energy Assistance Fund Charge (LIEAF) shall apply to all LL&P Electric Rate Schedules, except for non metered rates (Street Lighting, Residential Security Lighting) and any additional meter, beyond the first meter, for the Residential Rate. The charge shall be applied as a fixed rate to each customer's monthly bill.

#### Low Income Energy Assistance Fund Charge

The charges applied to customer accounts will be in accordance with Public Act 95 (PA 95) as filed with the Michigan Public Service Commission (MPSC) on July 1, 2013.

#### Low Income Energy Assistance Fund Determination

The decision of whether or not to participate in the LIEAF Charge for the next fiscal year shall be made by the Board each year before the next fiscal year begins.

#### LIEAF Rates

All Residential/Commercial/Industrial Rates (121, 221-224) \$0.93 per Month

Revised September 2017

# Lowell Light and Power

## Rate Schedules

### Policy 4-4

**Subject:** Renewable Energy Charge - REP

#### Applicability

The Renewable Energy Charge (REP) shall apply to all LL&P Electric Rate Schedules, except for non-metered rates (Street Lighting, Residential Security Lighting). The adjustment shall be applied as a fixed rate to each customer's monthly bill.

#### Renewable Energy Charges

The charges applied to customer accounts will be in accordance with the Lowell Light and Power Renewable Energy Plan (REP), MPSC Case No. U-15869 pursuant to 2008 Public Act 295 (PA 295) as filed with the Michigan Public Service Commission (MPSC) on July 29, 2011.

#### Renewable Energy Charges Calculation

The REP rates shall be calculated every 2 years according to the MPSC

#### REP Rates

Residential Rates (111/121)	\$3.00 per Month
Commercial/Industrial Rate (221)	\$9.50 per Month
Commercial/Industrial Rate (222)	\$16.50 per Month
Commercial/Industrial Rate (223, 224)	\$187.00 per Month

Revised March 2012

# Lowell Light and Power

## Rate Schedules

### Policy 4-5

**Subject:** Residential Service Secondary Rate - RS 111/121

#### Availability

This rate shall apply only to the electric service requirements for a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing within.

Apartment housing or multiple dwelling units may take service under this schedule, providing there is a separate meter for each apartment or dwelling unit.

#### Character of Service

Alternating current, single phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months)	\$16.80 per month
Energy Charge (all months)	\$0.087027* per kWh

*\*This rate is subject to the Power Cost Adjustment factor--\$4, Rates, Policy PCA*

#### Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

#### Payment

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due date is subject to an additional charge computed at 2% of the total bill plus a \$10.00 late

# Lowell Light and Power

payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018



# Lowell Light and Power

## Rate Schedules

### Policy 4-6

**Subject:** Residential Service Time-of-Use Secondary Rate RT 111

#### Availability

This rate shall apply only to the electric service requirements for a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing within.

Apartment housing or multiple dwelling units may take service under this schedule, providing there is a separate meter for each apartment or dwelling unit.

#### Character of Service

Alternating current, single phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months) \$#.## per month

Energy Charge (all months)

##:##AM THRU ##:##PM \$#.##\* per KWh

##:##AM THRU##:##PM \$#.## per KWh

*\*This rate is subject to the Power Cost Adjustment factor--\$4, Rates, Policy PCA*

#### Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

#### Payment

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due



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date is subject to an additional charge computed at 2% of the total bill plus a \$10.00 late payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Effective FUTURE RATE



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## Rate Schedules

### Policy 4-7

**Subject:** General Service Secondary Rate - GS 221

#### Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is less than 50 kW during the latest 12 month period) for electric service to commercial, industrial, and governmental customers, and to institutional customers, including without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers. This rate shall also apply to customers to whom service is not available under any other resale rate schedule.

#### Character of Service

Alternating current, single or three phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months)	\$27.00 per month
Energy Charge (all months)	\$0.11594* per kWh

*\*This rate is subject to the Power Cost Adjustment factor--\$4, Rates, Policy PCA*

#### Determination of Demand

The board shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute of the month of a) the load metered in kW or b) 85% of the load in kVA and shall in no case be less than 70 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

# Lowell Light and Power

## Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

## Contract Requirement

The board may require contracts for service provided under this schedule. Customers whose demand requirements exceed 50 kW shall be required to execute contracts and such contracts shall be for an initial term of at least one year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power the customer is capable of using, and the Board shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by the board under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as deemed necessary by the Board.

## Payment

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due date is subject to an additional charge computed at 2% of the total bill plus a \$10.00 late payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different delivery voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-8

**Subject:** General Service Secondary Demand Rate - GSD 222

#### Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is greater than 50 kW during the latest 12 month period) for electric service to commercial, industrial, and governmental customers, and to institutional customers, including without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers.

#### Character of Service

Alternating current, single or three phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months)	\$100.00 per month
Energy Charge (all months)	\$0.05577* per kWh
Demand Charge (all months)	\$15.00 per kW

*\*This rate is subject to the Power Cost Adjustment factor--§4, Rates, Policy PCA*

#### Determination of Demand

The board shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute of the month of a) the load metered in kW or b) 85% of the load in kVA and shall in no case be less than 70 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months. Customer may not change service type to avoid minimum demand charges.

# Lowell Light and Power

## Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

## Contract Requirement

The board may require contracts for service provided under this schedule. Customers whose demand requirements exceed 50 kW shall be required to execute contracts and such contracts shall be for an initial term of at least one year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power the customer is capable of using, and the Board shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by the board under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as deemed necessary by the Board.

## Payments

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due date are subject to an additional charge computed at 2% of the total bill plus a \$10.00 late payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different delivery voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-9

**Subject:** General Service Demand Primary Metered Rate - GSDPM 223

#### Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is greater than 50 kW during the latest 12 month period) for electric service to commercial, industrial, and governmental customers, and to institutional customers, including without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers, who take power at a primary metering point and own all facilities beyond that point less transformers.

#### Character of Service

Alternating current, single or three phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months)	\$150.00 per month
Energy Charge (all months)	\$0.05141* per kWh
Demand Charge (all months)	\$15.50 per kW

*\*This rate is subject to the Power Cost Adjustment factor--§4, Rates, Policy PCA*

#### Determination of Demand

The board shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute of the month of a) the load metered in kW or b) 85% of the load in kVA and shall in no case be less than 70 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months. Customer may not change service type to avoid minimum demand charges.

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## Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

## Contract Requirement

The board may require contracts for service provided under this schedule. Customers whose demand requirements exceed 50 kW shall be required to execute contracts and such contracts shall be for an initial term of at least one year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power the customer is capable of using, and the Board shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by the board under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as deemed necessary by the Board.

## Payment

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due date is subject to an additional charge computed at 2% of the total bill plus a \$10.00 late payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different delivery voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-10

**Subject:** General Service Demand Transformer Ownership Rate - GSDTO 224

#### Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is greater than 50 kW during the latest 12 month period) for electric service to commercial, industrial, and governmental customers, and to institutional customers, including without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers, who own their distribution transformer.

#### Character of Service

Alternating current, single or three phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or as agreed to by the Board. Multiphase service shall be supplied in accordance with the Board's standard policy.

#### Monthly Rate

Customer Charge (all months)	\$175.00 per month
Energy Charge (all months)	\$0.05150* per kWh
Demand Charge (all months)	\$14.75 per kW

*\*This rate is subject to the Power Cost Adjustment factor--§4, Rates, Policy PCA*

#### Determination of Demand

The board shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute of the month of a) the load metered in kW or b) 85% of the load in kVA and shall in no case be less than 70 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months. Customer may not change service type to avoid minimum demand charges.



# Lowell Light and Power

## Minimum Monthly Bill

The customer charge constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher monthly bill is required under the Board's standard policy because of circumstances affecting the Board's cost of rendering service.

## Contract Requirement

The board may require contracts for service provided under this schedule. Customers whose demand requirements exceed 50 kW shall be required to execute contracts and such contracts shall be for an initial term of at least one year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power the customer is capable of using, and the Board shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by the board under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as deemed necessary by the Board.

## Payment

Bills are due when issued for all classes of service. The net period is 20 days from the date the customer is billed. All balances outstanding (over ten dollars) after the due date is subject to an additional charge computed at 2% of the total bill plus a \$10.00 late payment fee.

## Single-Point Delivery

The charges under this rate schedule are based upon the supply of service being delivered through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different delivery voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-11

**Subject:** Street/Security Lighting

#### Availability

This rate shall apply to private unmetered outdoor lighting service within the area served by the Board's electric system with overhead facilities.

#### Character of Service

Area outdoor lighting service where all facilities for service including fixtures, controls, poles, transformers, secondaries, lamps and other appurtenances are furnished, owned and maintained by the board. The installation will overhang private property from existing or new poles set at points accessible to LL&P construction and maintenance equipment. New or replacement poles (if required) are provided at additional charges, based on current costs for time and materials required.

#### Monthly Rate

For each mercury vapor/high pressure sodium/metal halide lamp with luminaire controlled by photoelectric relay for lighting customer's premises from dusk-to dawn, where service is supplied from an existing pole and secondary facilities of the Board of Light and Power.

49 Watt	\$3.65
65 Watt	\$4.75
87 Watt	\$5.90
175 Watt	\$9.20
218 Watt	\$11.55
275 Watt	\$12.05
400 Watt	\$12.85
1000 Watt	\$28.70

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## Payment

Bills under this rate schedule will be rendered monthly. Balances left unpaid after due date specified on the bill may be subject to additional charges under the Board's standard policy.

## Rules and Regulations

Service under this schedule is subject to the Board's Operating Policies, which are incorporated herein by reference.

Revised December 13, 2018



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# Lowell Light and Power

## Rate Schedules

### Policy 4-12

**Subject:** Economic Development

#### Applicability

This special rate schedule is applicable to new or expanding commercial or industrial customers with a new load of 100 kW or greater and with an annual load factor of 50% or higher. Service under this schedule is limited to 10 customers or a total aggregated load of 15 MW. This rate is not applicable for standby, supplemental, or resale services.

New or expanding customers are defined as:

- Businesses that are newly locating in Lowell's service area. Businesses that are relocating an existing load within Lowell's service area are NOT eligible.
- Existing accounts that have been inactive (100 kWh usage or less per month) for 18 months or longer.
- Existing accounts that are adding a load that is 100 kW or greater than the customer's historical bills from the past 12 months. The discount is applicable to the new load portion of a customer's usage. Existing usage will be charged under applicable rate schedule

#### Purpose

In the interest of economic development, this special rate schedule is offered to help attract large commercial or industrial customers to the service area of Lowell.

#### Monthly Rate

The applicable monthly Energy Charge and Demand Charge under the customer's applicable rate schedule will be reduced as follows: The Power Cost Adjustment (PCA) and Reactive Power Adjustment are excluded from the discount.

Discount for customers with new loads greater than 100kW from the current or proposed demand rate schedule.

# Lowell Light and Power

Description	General Service Demand	General Service No-Demand
Economic Development Discount 3 Year		
Year 1	25%	40%
Year 2	17%	27%
Year 3	8%	13%

Any month the customer is below 100 kW no discount shall apply, in the event the customer falls below the level more than 3 times in a rolling 12 month period Lowell may rescind discounts permanently.

## Special Conditions

- A. Term: Service under this Schedule requires a contract between Lowell and the customer. The total term of the contract shall be four (4) or six (6) years.
- B. Charges: All applicable charges under the customer's rate schedule shall apply. Other surcharges, fees, and taxes imposed by agencies having jurisdiction apply to Schedule ED customers. Other applicable Lowell fees and schedules also apply to Schedule ED customers.
- C. Approval: Application of this Rate Schedule shall be subject to the approval of the governing body.
- D. Contract: The customer must sign a standard Lowell Economic Development Rate Contract in order for the rates under this Schedule to be applicable.
- E. Reapplication: Customers who have received service under the Economic Development Rate are eligible to reapply for the rate as an expanded load customer 12 months after their current Economic Development Rate Contract has expired.
- F. Service under this rate schedule is subject to Lowell's Regulations Governing the Sale and Use of Electric Energy, in particular Power Factor Correction.

Adopted October 12, 2017

# Lowell Light and Power

## Rate Schedules

### Policy 4-13

**Subject:** Cost of Service Study and Rate Design

#### Applicability

The Board will require a cost of service study and rate design to be performed by a third party at a minimum of every five (5) years.

#### Purpose

To ensure that the LL&P Board and staff are knowledgeable as to the true costs to serve each customer class.

To ensure rates are designed so that LL&P meets its appropriate revenue requirements, which cover, amongst other things, operating and maintenance and capital costs, debt service payments, and the correct level of cash reserves.

To ensure rates are designed so that certain customer classes do not subsidize the costs of other customer classes.

To ensure LL&P meets the current standards of bond rating and/or credit rating agencies.

Adopted September 14, 2017

# Lowell Light and Power

## Rate Schedules

### Policy 4-14

**Subject:** Standby Rate

#### Applicability

The Standby Rate will apply to all LL&P Electric Rate Schedules, except for non-metered rates (Street Lighting & Security Lighting). The adjustment shall be applied to either all kilowatt-hours billed to the customer or as a fixed rate to each customer's monthly bill.

#### Purpose

To allow customers to install distributed generation and ensure LL&P properly recovers costs for providing back-up electric service.

#### Monthly Standby Rates

Secondary Rate (221/222)	\$9.21 per kW of Installed Generation
Primary Rate (223/224)	\$8.93 per kW of Installed Generation
Transmission Rate	\$2.72 per kW of Installed Generation
<b>Additional Billed Rate for a Scheduled Outage</b>	\$0.38 kW of Generation Capacity
<b>Additional Billed Rate an Un-Scheduled Outage</b>	\$7.54 KW of Generation Capacity
<b>Supplemental Power</b>	Applicable Rate Schedule

Adopted February 8, 2018

# Lowell Light and Power

## Rate Schedules

### Policy 4-15

**Subject:** Solar/Net Billing Rate

#### Applicability

The Solar/Net Billing Rate provides customers who install solar panels the ability to sell the energy they produce to LL&P. The result will be an offset on their total energy bill.

#### Purpose

To establish a solar credit rate for LL&P customers who install solar panels that gives back electricity to LL&P's electric distribution system without causing unfair subsidies to other LL&P customers who have not installed solar panels.

To encourage customers to install solar panels, a renewable energy source, which will have a positive effect on our community and planet.

#### Solar Credit Rate

5.058 cents per kWh

#### Periodic Review of Solar Credit Rate

LL&P shall review and update the solar credit rate and implementation methods as significant assumptions change. This will typically mirror annual rate making timing which the LL&P Board and staff anticipate will result in rates moving towards a demand and/or Time-of-Use component.

#### System Verification

As outlined in LL&P's Electric Interconnection Policy, 6-10.

#### Maximum System Size

The peak size can be no greater than 20 kW, as outlined in LL&P's Electric Interconnection Policy, 6-10. From there, the solar install can be up to the greater of: (1) 110% of a customer's peak demand before their solar install or (2) 100% of a customer's average annual kWh usage before their solar install.



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## Metering & Billing

The net billing will be done by digital AMI metering for solar installs up to 20 kW as outlined in LL&P's Electric Interconnection Policy, 6-10.

Solar installs over 20 kW will be metered and billed using "buy-all, sell-all" special contracts.

Adopted February 8, 2018



# Lowell Light and Power

## Rate Schedules

### Policy 4-16

**Subject:** Voluntary Green Pricing Program Rate - VGP

#### Applicability

The Voluntary Green Pricing (VGP) Program offers customers the opportunity to participate in a voluntary green pricing program under which the customer may specify, from the options made available, the amount of electricity attributable to the customer that will be renewable energy. This rate shall only apply to LL&P electric rate customers who have voluntarily elected to participate in the VGP Program.

#### VGP Program Charges

The charges applied to customer accounts will be in accordance to 2016 Public Act 342 (PA 342), Section 61, as filed with the Michigan Public Service Commission (MPSC) on December 15, 2016.

#### VGP Rate Calculation

The VGP rate shall be determined on an ongoing basis by the Michigan Public Power Agency.

#### VGP Rates

Residential Rates (111/121)	\$0.01 per kWh
Commercial (221, 222)	\$0.01 per kWh
Industrial Rate (223,224)	\$0.01 per kWh

Adopted April 12, 2018