SCHEDULE OF FEES AND CHARGES

<table>
<thead>
<tr>
<th>Rule</th>
<th>Fee or Charge</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.2</td>
<td>Meter Test</td>
<td>$55.00</td>
</tr>
<tr>
<td>6.6</td>
<td>Connection of Existing Facilities during regular business hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7:30 A.M. - 5 P.M. M-F</td>
<td>Cycle Read</td>
</tr>
<tr>
<td></td>
<td>Read Only</td>
<td>$30.00</td>
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<tr>
<td></td>
<td>Physical Cut-In</td>
<td>$37.00</td>
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<tr>
<td>6.6</td>
<td>Connection of Existing Facilities outside regular business hours</td>
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</tr>
<tr>
<td></td>
<td>5 P.M. -10 P.M. M-F</td>
<td>$95.00</td>
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<tr>
<td></td>
<td>10 P.M. - 7:30 A.M. M-F</td>
<td>$200.00</td>
</tr>
<tr>
<td></td>
<td>Weekends and Holidays</td>
<td>$200.00</td>
</tr>
</tbody>
</table>

Scheduled Service Disconnect/Reconnect By Line Crew (During Regular Business Hours) | $175.00

6.7 Deposit:
The amount of deposit for all customer classes, per meter, (C) meter, will be 1.5 times the estimated average monthly bill (C) at that location.

7.4 Late Payment Assessment, Schedules 11 and 21 | $2.00

Late Payment Assessment, Schedules 22 and 23: One percent (1%) on past due amount.

7.6 Dishonored check fee | $25.00

8.51 Underground locate Service, above monthly limit, at cost of labor, plus equipment Locator or contractor fees:
- Daytime | $36.00/hr
- Nights, weekends, holiday (double time) | $57.00/hr
- Equipment/truck | $3.00/hr

OTHER MATERIALS AND SERVICE CHARGES NOT ITEMIZED ON THIS SHEET ARE BILLED AT ACTUAL COST.

Tariff Advice No. TA335-121 Effective: March 7, 2014

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: Daniel W. Kendall, Acting Title: General Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 01
FUEL AND PURCHASED
POWER COST ADJUSTMENT

A. Applicability

The rates in all filed rate schedules shall be subject to adjustment by the applicable Fuel and Purchased Power Cost Adjustment defined on Tariff Sheet 101.2, Tariff Sheet 101.2.1 and Tariff Sheet 101.3.1, and calculated on Tariff Sheet 101.3 and 101.3.2. (T)

B. Fuel and Purchased Power Cost Adjustment

The base cost/kWh of fuel and purchased power is defined on Tariff Sheet 101.2.1 and equals $0.00000/kWh for retail customers. Billings to customers will be increased (or decreased) to reflect the amount by which the weighted average estimated cost of power (fuel plus purchased power less profits received through the sale of economy energy) per kWh sold is greater than or less than the base cost in accordance with the procedure set forth in Tariff Sheet 101.2.

C. Fuel and Purchased Power Cost Balance Account

ML&P shall maintain a Fuel and Purchased Power Cost Balance Account (1847/2531) commencing July 1, 1986, which balance thereafter shall reflect the sum of the debit and credit entries described as follows:

1. A debit entry equal to the actual purchased power and consumed fuel costs for retail customers for each month.

2. A credit entry equal to the total number of kWh of energy sold to retail customers during each month multiplied by the sum of the base cost (E.7) plus the adjustment factor applied (E.8) for the retail classes.

3. A debit entry equal to the amount paid to any interruptible ENSTAR customer pursuant to Commission ordered sharing of the costs of interruptions. Any amount so included in the determination of Power Cost Adjustment shall first have been reported to the Commission at least 30 days prior to the filing of such determination of Power Cost Adjustment.

4. A credit entry equal to the actual amount of profits earned from economy energy transactions for each month of the quarterly analysis.

5. A debit entry equal to Alaska Intertie related expenses charged to account 5650-7509.

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121
Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
D. Revision of the Power Cost

(1) By the first day of each quarter ML&P will, by Tariff Advice Letter, file supporting information to evidence the balance in the Fuel and Purchased Power Cost Balance account and the development of the average fuel and purchased power costs per kWh sold for the ensuing quarter. Supporting information to be filed includes:

(a) Calculation of the Fuel and Purchased Power Cost Adjustment Factor as detailed on Tariff Sheet 101.2. This calculation shall include:

(i) A schedule calculating the estimated kWh of retail energy to be sold in the ensuing quarter (F.5).

(ii) A schedule of the estimated cost of retail energy that will be generated and purchased in the ensuing quarter (F.1).

(iii) Invoices and/or other documentation to substantiate the fuel, fuel storage, and purchased power costs of the most recent quarter for which actual data is available. Such documentation shall include transfers from the Electric Fund to the Gas Fund to account for fuel usage for the quarter.

(b) The actual monthly average heat rate for thermal generation for the most recent quarter for which actual data is available.

(c) Calculation of the Fuel and Purchased Power Cost Adjustment Factor for Service at Primary Voltage and Fuel and Purchased Power Cost Adjustment for Service at Secondary Voltage as detailed on Tariff Sheet No. 101.3.1.

(2) The revised Power Cost Adjustment may be implemented immediately upon filing subject to subsequent Commission approval, and will be effective for all billings subsequent to the revision date. Revision dates will coincide with the beginning of a monthly billing cycle.

Tariff Advice No. TA366-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna C. Henderson Title: Manager, Regulatory Affairs
E. **Determination of Cost of Stored Gas**

ML&P shall maintain an inventory Account, 1511, Gas In Storage, whose balance shall be the sum of:

1. Debit entries for the acquisition costs of all gas acquired or produced for placement in storage. Acquisition cost of purchased gas shall be all amounts invoiced and paid to the supplier of the gas. Acquisition cost of gas produced by ML&P shall be the Transfer Price effective at the time that the gas is placed in storage.

2. Debit entries for the cost of transportation of the gas from the point of acquisition to the CINGSA storage facility.

3. Debit entries for all CINGSA charges incurred not including Reservation Charges, and Capacity Charges under Rate Schedule FSS, and any charges associated with withdrawal of gas from storage.

4. Credit entries for the Cost of Stored Gas withdrawn from storage. Average Cost of Stored Gas in any month shall be the balance in Account 1511 at the end of the previous month divided by the volume, in Mcf, of Gas In Storage at the end of the same month. Cost of Stored Gas withdrawn from storage shall be the sum of the product of the Average Cost of Stored Gas multiplied by the volume of gas withdrawn from storage, plus CINGSA charges associated with withdrawal of the gas from storage.

---

**Tariff Advice No.** TA 318-121  
**Effective:** May 3, 2012

**Issued by:** Municipality of Anchorage d/b/a Municipal Light & Power  
**By:** James M. Posey  
**Title:** General Manager
F. Determination of Cost of Power Adjustment: (Methodology)

(1) Estimated Costs of Fuel and Purchased Power for the Quarter Beginning:

<table>
<thead>
<tr>
<th>Sources</th>
<th>Est. Quantities (A)</th>
<th>Avg Cost/Mcf (B)</th>
<th>Total = (A*B) (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Natural Gas:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stored Gas</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Hilcorp</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>CEA</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>ConocoPhillips</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Cook Inlet Energy</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>AIX Energy</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>ML&amp;P</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Total Natural Gas</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Gas Storage Reservation</td>
<td>Mcfd</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Gas Storage Capacity</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Transportation (Variable)</td>
<td>Mcf</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>b) Purchased Power:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bradley Lake</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Bradley Wheeling</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Bradley Capacity</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>Spinning Reserve¹</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>c) Fuel Oil:</td>
<td>GAL</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>d) Intertie Expense:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) Economy Energy Purchases</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>f) Cogen/Small Power Purch</td>
<td>MWh</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

Total Cost of Fuel and Purchased Power [Total of a) through f), above] $__________

(2) Profits From Economy Energy Sales: $(__________)

(3) Cost of Power Clearing Account Balance:

Actual Balance as of / / $__________
Estimated Balance as of / / Under (Over) Recovery $__________

(4) Total (1), (2), (3), above $__________

(5) Estimated Retail Sales (kWh) _______kWh

(6) Average Cost of Power [(4) / (5)] $__________/kWh

(7) Base Cost of Power $__________/kWh

(8) Cost of Power Adj [(6) – (7)] $__________/kWh

¹2011 Intertie Agreement

Tariff Advice No. TA 354-121 Effective: November 15, 2016

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna Henderson Title: Regulatory Affairs Division Manager
G. Determination of Base Cost of Power:

Base Cost of Power is $0.00000/kWh

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: James M. Posey   Title: General Manager
MUNICIPAL LIGHT & POWER

F. Determination of Cost of Power Adjustment:

(1) Estimated Costs of Fuel and Purchased Power for the Quarter Beginning April 1, 2019:

<table>
<thead>
<tr>
<th>Sources</th>
<th>Est. Quantities</th>
<th>Avg Cost/Mcf</th>
<th>Total = (A*B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Natural Gas:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stored Gas</td>
<td>0 Mcf</td>
<td>$3.39105/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>Hilcorp</td>
<td>728,000 Mcf</td>
<td>$9.25000/Mcf</td>
<td>$6,734,000</td>
</tr>
<tr>
<td>CEA</td>
<td>0 Mcf</td>
<td>$0.00/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>ConocoPhillips</td>
<td>0 Mcf</td>
<td>$0.00/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>Cook Inlet Energy</td>
<td>0 Mcf</td>
<td>$0.00/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>AIX Energy</td>
<td>0 Mcf</td>
<td>$0.00/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>Furie</td>
<td>0 Mcf</td>
<td>$0.00/Mcf</td>
<td>$0.00</td>
</tr>
<tr>
<td>ML&amp;P</td>
<td>622,555 Mcf</td>
<td>$2.22501/Mcf</td>
<td>$1,385,191</td>
</tr>
<tr>
<td>Total Natural Gas</td>
<td>1,350,555 Mcf</td>
<td>$6.01174/Mcf</td>
<td>$8,199,191</td>
</tr>
<tr>
<td>Gas Storage Reservation</td>
<td>30,000 Mcfd</td>
<td>$6.71310/Mcf</td>
<td>$201,393</td>
</tr>
<tr>
<td>Gas Storage Capacity</td>
<td>1,500,000 Mcf</td>
<td>$0.08720/Mcf</td>
<td>$130,800</td>
</tr>
<tr>
<td>Transportation (Variable)</td>
<td>1,906,599 Mcf</td>
<td>$0.45159/Mcf</td>
<td>$861,003</td>
</tr>
<tr>
<td>b) Purchased Power:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bradley Lake</td>
<td>32,507 MWh</td>
<td>410,239/Month</td>
<td>$1,230,717</td>
</tr>
<tr>
<td>Bradley Wheeling</td>
<td>32,507 MWh</td>
<td>$8.90/MWh</td>
<td>$289,312</td>
</tr>
<tr>
<td>Bradley Capacity</td>
<td>0 MWh</td>
<td>$0.00/MWh</td>
<td>$0.00</td>
</tr>
<tr>
<td>Spinning Reserve¹</td>
<td>0 MWh</td>
<td>$0.00/MWh</td>
<td>$0.00</td>
</tr>
<tr>
<td>c) Fuel Oil:</td>
<td>1,399 GAL</td>
<td>$2.144/GAL</td>
<td>$3,000</td>
</tr>
<tr>
<td>d) Intertie Expense:</td>
<td></td>
<td>$36,561</td>
<td></td>
</tr>
<tr>
<td>e) Economy Energy Purchases</td>
<td>0 MWh</td>
<td>$0.00/MWh</td>
<td>$0.00</td>
</tr>
<tr>
<td>f) Cogen/Small Power Purch</td>
<td>0 MWh</td>
<td>$0.00/MWh</td>
<td>$0.00</td>
</tr>
<tr>
<td>Total Cost of Fuel and Purchased Power [Total of a) through f), above]</td>
<td></td>
<td>$10,871,977</td>
<td></td>
</tr>
</tbody>
</table>

(2) Profits From Economy Energy Sales:  

($543,700) (R)

(3) Cost of Power Clearing Account Balance:

Actual Balance as of 12/31/2018 | $1,904,397 (I)
Estimated Balance as of 3/31/2019 | $1,183,371 (R)

(4) Total (1), (2), (3), above | $11,511,648 (R)

(5) Estimated Retail Sales (kWh) | 230,127,355/kWh (R)

(6) Average Cost of Power | $0.05002/kWh (I)

(7) Base Cost of Power | $0.00/kWh

(8) Cost of Power Adj | $0.05002/kWh (I)

¹ 2011 Intertie Agreement

Tariff Advice No. TA 370-121  
Effective: April 1, 2019

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson  
Title: Regulatory Affairs Division Manager
1. Determination of COPA for Service at Primary Voltage (COPA_primary) and COPA for Service at Secondary Voltage (COPA_secondary):

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Primary Loss Factor:</td>
</tr>
<tr>
<td>2</td>
<td>Secondary Loss Factor:</td>
</tr>
<tr>
<td>3</td>
<td>Sales at Primary Voltage (prior quarter):</td>
</tr>
<tr>
<td>4</td>
<td>Sales at Secondary Voltage (prior quarter):</td>
</tr>
<tr>
<td>5</td>
<td>Total Sales [(3) + (4)]:</td>
</tr>
<tr>
<td>6</td>
<td>Feeder Input for Sales at Primary Voltage [(3) / (1 - (1))]:</td>
</tr>
<tr>
<td>7</td>
<td>Feeder Input for Sales at Secondary Voltage: [(4) / (1 - (2))]:</td>
</tr>
<tr>
<td>8</td>
<td>Total Feeder Input [(6) + (7)]:</td>
</tr>
<tr>
<td>9</td>
<td>COPA Normalization Factor [(5) / (8)]:</td>
</tr>
<tr>
<td>10</td>
<td>COPA_primary [(COPA * (9) / (1 - (1))]:</td>
</tr>
<tr>
<td>11</td>
<td>COPA_secondary [COPA * (9) / (1 - (2))]:</td>
</tr>
</tbody>
</table>

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
J. Determination of COPA for Service at Primary Voltage (COPA_{primary}) and COPA for Service at Secondary Voltage (COPA_{secondary}):

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Primary Loss Factor:</td>
<td>0.0028</td>
</tr>
<tr>
<td>2</td>
<td>Secondary Loss Factor:</td>
<td>0.0248</td>
</tr>
<tr>
<td>3</td>
<td>Sales at Primary Voltage (quarter ending December 2018):</td>
<td>57,027,964</td>
</tr>
<tr>
<td>4</td>
<td>Sales at Secondary Voltage (quarter ending December 2018):</td>
<td>171,447,064</td>
</tr>
<tr>
<td>5</td>
<td>Total Sales [(3) + (4)]:</td>
<td>228,475,028</td>
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<td>6</td>
<td>Feeder Input for Sales at Primary Voltage [(3) / (1 - (1))]:</td>
<td>57,188,091</td>
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<td>7</td>
<td>Feeder Input for Sales at Secondary Voltage: [(4) / (1 - (2))]:</td>
<td>175,807,080</td>
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<td>8</td>
<td>Total Feeder Input [(6) + (7)]:</td>
<td>232,995,170</td>
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<td>9</td>
<td>COPA Normalization Factor [(5) / (8)]:</td>
<td>0.98060</td>
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<tr>
<td>10</td>
<td>COPA_{primary} [(COPA * (9) / (1 - (1))]:</td>
<td>0.04919</td>
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<tr>
<td>11</td>
<td>COPA_{secondary} [COPA * (9) / (1 - (2))]:</td>
<td>0.05030</td>
</tr>
<tr>
<td>DATE</td>
<td>GCRA</td>
<td></td>
</tr>
<tr>
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<td>July 1, 1980</td>
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L - This material previously shown on 45th revised Sheet 101.1
MUNICIPAL LIGHT & POWER

GAS COST RATE ADJUSTMENT HISTORY

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FUEL AND PURCHASED POWER COST ADJUSTMENT

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* Includes Refund to Customer Pursuant to Docket U-84-1

Tariff Advice No. 169-121                  Effective: April 1, 1989

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr  Title: General Manager
## MUNICIPAL LIGHT & POWER

### FUEL AND PURCHASED POWER COST ADJUSTMENT

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**Tariff Advice No.** TA 238-121  **Effective:** October 1, 1999

**ISSUED BY:** Municipality of Anchorage d/b/a Municipal Light & Power

**By:** Meera Kohler  **TITLE:** General Manager
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Tariff Advice No. TA 291-121 Effective: April 1, 2008

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: James M. Posey Title: General Manager
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Pursuant to U-16-060(2)/U-16-073(1)
Tariff Advice No. TA 350-121
Effective: August 15, 2016

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna Henderson Title: Regulatory Affairs Division Manager
FUEL AND PURCHASED POWER COST ADJUSTMENT
(Continued)

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Tariff Advice No. TA 370-121 Effective: April 1, 2019

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
The Regulatory Cost Charge is a special surcharge applied to all regulated retail customer billings to pay the utility's share of the budget of the Commission.

Regulatory Cost Charge $0.000978 per kWh

Pursuant to U-18-034(2) Effective July 1, 2018

Issued By: Municipal Light & Power
By: Anna Henderson Title: Regulatory Affairs Division Manager
SCHEDULE 11
RESIDENTIAL SERVICE

Applicable to:

Single-family dwellings, for domestic and household purposes.

Character of Service:

Single phase 60 Hertz alternating current at 120/240 volts or 120/208Y volts, 3-wire, as available.

Monthly Rate:

- **Customer Charge:** $13.62 (I)
- **Energy Charge:** 15.274 cents per kWh (I)
- **Minimum Monthly Charge:** The customer charge of $13.62 (I)

Conditions:

This schedule may be applied to a home occupation conducted in the single-family dwelling by the family members if the demand and energy consumption created by the business is less than and incidental to the demand and energy consumption of the residential load.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Numbers 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
MUNICIPAL LIGHT & POWER

RESERVED FOR FUTURE USE

Tariff Advice No. 246-121    Effective: September 29, 2000

 Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: [Signature]   Title: Acting General Manager
Tariff Advice No. 246-121  Effective:  September 29, 2000

ISSUED BY:  Municipality of Anchorage d/b/a Municipal Light & Power

BY:  Hank Nikkels  TITLE:  Acting General Manager
Tariff Advice No. 246-121  Effective: September 29, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: [Signature]

TITLE: Acting General Manager

State of Alaska
Regulatory Commission of Alaska
MUNICIPAL LIGHT & POWER

RESERVED FOR FUTURE USE

Tariff Advice No. 246-121  Effective: September 29, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: [Signature]  TITLE: Acting General Manager
<table>
<thead>
<tr>
<th>Tariff Advice No.</th>
<th>246-121</th>
<th>Effective:</th>
<th>September 29, 2000</th>
</tr>
</thead>
</table>

**Issued By:** Municipality of Anchorage d/b/a Municipal Light & Power

**By:** [Signature]

**Title:** Acting General Manager
MUNICIPAL LIGHT & POWER

RESERVED FOR FUTURE USE

Tariff Advice No. 246-121 Effective: September 29, 2000

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: [Signature]

Title: Acting General Manager

State of Alaska
Regulatory Commission of Alaska:

RECEIVED
SEP 8 2000
MUNICIPAL LIGHT & POWER

RESERVED FOR FUTURE USE

Tariff Advice No. 246-121 Effective: September 29, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: Hank Nikkels

TITLE: Acting General Manager
SCHEDULE 12
RESIDENTIAL SERVICE
WITH WATER HEATING
(continued)

This schedule is cancelled.

Pursuant to Order No. 15 U-76-11
Tariff Advice No. 5-Supp. 2
Effective: JUN 2 9 1977

Issued by: Municipal Light & Power Department
Municipality of Anchorage
Title: Utility Manager
This schedule is cancelled. Separate metering for Schedule 13 service is discontinued and energy used for water heating is included in service rendered under Schedule 11.
SCHEDULE 14
EXPERIMENTAL TIME-OF-DAY
GENERAL SERVICE

This schedule is cancelled

Pursuant to U-89-8(5)
Tariff Advice No. 

Effective: October 1, 1990

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr Title: General Manager
RESERVED

Pursuant To

Dock 4 1976-11 Order No 10

Tariff Advice No. 5

Issued by:
Municipality of Anchorage

By: Thomas R. Stahr
Title: Utility Manager

Effective: 2-6-1976
SCHEDULE 21
GENERAL SERVICE - SMALL

Applicable to:

Any class of service which does not qualify for a residential rate schedule and where the demand does not exceed twenty (20) kilowatts (kW) for three consecutive months.

Character of Service:

Single or three-phase 60 Hertz alternating current at 120/240, 120/208Y, 208Y/120, 240/120 or 480Y/277 volts as available.

Monthly Rate:

Customer Charge: $30.46 (I)
Energy Charge: 11.878 cents per kWh (R)
Minimum Monthly Charge: The customer charge of $30.46 (I)

Fuel and Purchased Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Numbers 101.3 and 101.3.2. (T)

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
Applicable to:

Any class of service with a demand exceeding twenty (20) kilowatts (kW) for three consecutive months and metered at Secondary voltage.

Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 240/120, 208Y/120 or 480Y/277 volts as available.

Monthly Rate:

Customer Charge: $92.61

Demand Charge: $44.53 per kW of billing demand

Energy Charge: 0.498 cents per kWh

Minimum Monthly Charge: The customer charge of $92.61

Conditions:

1. Demand is determined by using the maximum average rate of energy use for any 15 minute interval.

2. The billing demand shall be the greater of the following:
   a. The recorded maximum demand for the month, or
   b. Eighty percent (80%) of the maximum demand recorded during the preceding eleven (11) months, or
   c. The contract demand, under a special contract for a customer with on-site generation.

3. Demand charges for self-generating customers may not be calculated based upon demand required to resynchronize and return the customer’s self-generating output to parallel operation with the utility as measured during the one-hour period after power to a self-generating customer is restored following a forced outage that originates on the utility’s side of the meter, and affects service to the self-generating customer.

Fuel and Purchased Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power, as described on Tariff Sheet Numbers 101.3 and 101.3.2.

Effective: June 1, 2018
SCHEDULE 22
GENERAL SERVICE - LARGE
AT SECONDARY VOLTAGE
(Continued)

This Schedule is Cancelled

Pursuant to Order No. 5, Docket U-82-27.
Tariff Advice No. 45-121  SEP 29 1982
Effective:

Issued by: Municipal Light and Power
Municipality of Anchorage

By: Thomas R. Stahr  Title: Utility Manager
## SCHEDULE 23
### GENERAL SERVICE - LARGE
#### AT PRIMARY VOLTAGE

Applicable to:

Any class of service with a demand exceeding twenty (20) kilowatts (kW) for three consecutive months and metered at Primary voltage.

Character of Service:

Three phase 60 Hertz alternating current at 4160Y/2400, 12470Y/7200, or 34500Y/19900 volts as available.

Monthly Rate:

<table>
<thead>
<tr>
<th>Service Charge</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Charge: $619.42</td>
<td>(I)</td>
</tr>
<tr>
<td>Demand Charge: $43.10 per kW</td>
<td>(I)</td>
</tr>
<tr>
<td>Energy Charge: 0.488 cents per kWh</td>
<td>(R)</td>
</tr>
<tr>
<td>Minimum Monthly Charge:</td>
<td>The customer charge of $619.42</td>
</tr>
</tbody>
</table>

Conditions:

1. Demand is determined by using the maximum average rate of energy use for any 15 minute interval.
2. The billing demand shall be the greater of the following:
   a. The recorded maximum demand for the month, or
   b. Eighty percent (80%) of the maximum demand recorded during the preceding eleven (11) months, or
   c. The contract demand, under a special contract for a customer with on-site generation.
3. Demand charges for self-generating customers may not be calculated based upon demand required to resynchronize and return the customer's self-generating output to parallel operation with the utility as measured during the one-hour period after power to a self-generating customer is restored following a forced outage that originates on the utility's side of the meter, and affects service to the self-generating customer.
4. The customer shall furnish, install, operate and maintain all electrical facilities on the load side of his service equipment.

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson  
Title: Regulatory Affairs Division Manager
4. Customers renting transformers from ML&P under this schedule prior to September 29, 1982 may continue to rent them for 11.74 cents per month per KVA of transformer capacity. A customer electing to discontinue renting transformers from ML&P shall, at his expense, deliver the transformer(s) to ML&P's transformer yard at 1200 East First Avenue, Anchorage.

5. ML&P will not rent transformers to new customers or customers with changed service requirements after September 29, 1982.

6. Primary metering will normally not be available unless the customer requires primary voltage for his distribution system. After October 1, 1990, customers requesting primary metering will execute a contract to take the service specified for minimum five year period. If a customer terminates the service prior to completing five (5) years of service, he shall pay ML&P for unrecovered capital investment in an amount equal to the difference between gross revenues received to date and the cost of ML&P's associated capital investment.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Mark A. Johnston
Title: General Manager
SCHEDULE 25
REPLACEMENT ENERGY SERVICE - AWWU

Applicable to:

The Municipality of Anchorage, d/b/a/ Anchorage Water and Wastewater Utility ("AWWU"), solely for the purpose of AWWU providing replacement energy to the Eklutna Power Project as compensation for the diversion of water from the Eklutna Power Project to the Eklutna Water Project.

Character of Service:

Replacement energy service will be provided to AWWU, with such energy to be received at the Eklutna Power Project through displacement by means of an adjustment to ML&P's monthly allotment of delivered energy from the Eklutna Power Project.

Monthly Rate:

   Energy Charge: 2.561 cents per kWh  (R)
   Minimum Monthly Charge: None

Conditions:

The quantity of replacement energy for which ML&P bills AWWU under this schedule shall be equal to the quantity of displaced energy which ML&P supplied to the Eklutna Power Project through an adjustment to ML&P's monthly allotment of delivered energy.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Numbers 101.3 and 101.3.2.  (T)

Pursuant to U-16-094(10)/U-17-008(14)  Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson  Title: Regulatory Affairs Division Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 26
ECONOMIC DEVELOPMENT INCENTIVE RATE

THIS SCHEDULE HAS BEEN CANCELLED

Tariff Advice No. 305-121 Effective: June 11, 2010

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: James M. Posey Title: General Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 26
ECONOMIC DEVELOPMENT INCENTIVE RATE

THIS SCHEDULE HAS BEEN CANCELLED

Tariff Advice No. 305-121

Effective: June 11, 2010

Issued by: Municipality of Anchorage db/a Municipal Light & Power

By: James M. Posey

Title: General Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 26
ECONOMIC DEVELOPMENT INCENTIVE RATE

THIS SCHEDULE HAS BEEN CANCELLED

Tariff Advice No. 305-121  Effective: June 11, 2010

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: James M. Posey  Title: General Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 26
ECONOMIC DEVELOPMENT INCENTIVE RATE

THIS SCHEDULE HAS BEEN CANCELLED

Tariff Advice No. 305-121
Effective: June 11, 2010

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: James M. Posey
Title: General Manager
SCHEDULE 27
INTERRUPTIBLE POWER AT SECONDARY VOLTAGE

Applicable to:

Customers with expected peak loads of at least 100 kW, subject to the limitations described below, taking service through facilities installed entirely at customer expense, or taking service through facilities which have been in continuous use for a period of 60 consecutive months prior to the customer taking service under Schedule 27.

Availability:

Only 10 MW of capacity is available for service under this rate schedule. Service is available for up to 10 MW of peak load. Service will not be available to new customers under this Schedule if the sum of the expected peak loads of all customers taking service under this schedule including the expected peak load of the customer making application exceeds 10 MW. For purposes of this determination, expected peak loads of existing customers taking service under Schedule 27 will be deemed to be the higher of the highest historical load of the customer or the peak load declared by the customer when he/she first applied for the service, unless the utility has credible specific evidence that the customer's peak load will differ from this level.

Term of Service and Waiting List Provisions:

Customers denied service under Schedule 27 because the sum of expected peak loads would exceed 10 MW may have their names placed on a waiting list (the "Schedule 27 waiting list"). As service becomes available due to discontinuation of service to existing customers, service will be offered to customers on the schedule 27 waiting list, in the same order as the customers were added to the waiting list, until all available service has been taken by new customers, or all customers on the Schedule 27 waiting list have been offered service.

Customers initially taking service under Schedule 27 may reserve service for a term of up to ten years. Customers with less than 5 years' remaining term may extend their term to up to five years from date of extension.

Tariff Advice No. TA 236-121 Effective: September 24, 1999

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: Meerá Kohler TITLE: General Manager
ML&P will require customers taking service under Schedule 27 to designate the expected peak load and the periods during which they will take service each year. ML&P may refuse to grant an extension of the service term to any customer if there is a waiting list at the time of the request and the customer has not met one of the following conditions:

1. During the 12 months prior to the request the customer has taken an amount of energy equal to 4% of the greater of the product of the number of hours in the customer's designated service period and the customer's designated peak load, or the product of the number of hours in the customer's designated service period and the customer's maximum historical peak load, or

2. During the 24 months prior to the request the customer has taken an amount of energy equal to 8% of the greater of the product of the number of hours in the customer's designated service period for the two years and the customer's designated peak load, or the product of the number of hours in the customer's designated service period for the two years and the customer's maximum historical peak load.

A customer taking service under Schedule 27 may modify his/her designated service one time during any 12 month period provided that such modification does not result in an increase in expected peak load for Schedule 27, as defined above, to more than 10 MW for any period.

A customer may modify his/her designated peak load one time during any 12 month period provided that such modification does not result in an increase in expected peak load for Schedule 27, as defined above, to more than 10 MW for any period and provided further that such modification does not reduce the customer's expected peak load to a level below 100 kW. For a reduction in designated peak load, the customer will be required to present credible evidence to ML&P that his/her peak load will not exceed the new designation.

Tariff Advice No. TA 236-121 Effective: September 24, 1999

ISSUED BY: Meera TITLE: General Manager
MUNICIPAL LIGHT & POWER

RATE SCHEDULE 27
INTERRUPTIBLE POWER AT SECONDARY VOLTAGE
(CONTINUED)

Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 240/120, 208Y/120, or 480Y/277 volts, as available.

Monthly Rate:

Customer Charge: $92.61
Demand Charge: None
Energy Charge: 37.673 cents per kWh
Minimum Monthly Charge: The customer charge of $92.61

Special Terms and Conditions:

1. Service under Schedule 27 is interruptible at any time without notice at the utility’s discretion. After each interruption, ML&P will restore service as quickly as possible provided that service to customers taking service under any rate schedule other than Schedules 27, 600, 700, and 750 is not adversely affected.

2. The Utility may install, at customer expense, automatic load shedding equipment which will disconnect the customer’s loads if system frequency falls below 59.7 Hertz.

3. The Utility may install, at customer expense, remote relaying equipment which will allow the Utility’s dispatchers to disconnect the customer’s loads by operation of the relay from the dispatch center.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: ____________ Title: Regulatory Affairs Division Manager
Anna Henderson
4. The utility may install, at customer expense, all necessary remote metering equipment and information display to allow the Utility’s dispatchers to know what the customer’s loads are at any time and to know what the total interruptible load on the system is at any time.

5. ML&P will not be obligated to acquire, install, or purchase generating capacity or contract for wholesale power to serve any customer taking service under this rate schedule. ML&P will design, construct, or install any facilities deemed necessary to serve any customer taking service under this rate schedule only if the customer agrees to pay, in advance, the cost of these facilities.

Fuel and Purchase Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power, as described on Sheet No. 101.3 and 101.3.2. (T)

Pursuant to U-16-094(10)/U-17-008(14) Tariff Advice No. 357-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Mark A. Johnston Title: General Manager
Applicable to:

Any customer that is otherwise eligible for service under, and satisfies the conditions of, Schedule 22 and that is partly served by on-site generation owned by the customer, where such generation has a nameplate capacity greater than 25 kW but not greater than 5,000 kW, and completed all procedures in Section 207 of ML&P’s Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVa.

Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 240/120, 208Y/120 or 480Y/277 volts as available.

Monthly Rate:

- Customer Charge: $92.61 (I)
- Demand Charge: $44.53 per kW of billing demand (I)
- Energy Charge: 0.498 cents per kWh (R)

Minimum Monthly Charge: The customer charge of $92.61 (I)

Conditions:

1. Demand is determined by using the maximum average rate of energy supplied by ML&P for any 15 minute interval.

2. The billing demand shall be the greater of the following:

   a. The recorded maximum demand supplied by ML&P for the month, or
   b. Eighty percent (80%) of the maximum recorded demand supplied by ML&P during the preceding eleven (11) months, or
   c. The contract demand, under a special contract.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
SCHEDULE 28
NET REQUIREMENTS SERVICE
AT SECONDARY VOLTAGE
(Continued)

Customer shall discontinue parallel operation when requested by ML&P, in accordance with prudent utility practice, for the reasons stated in Section 504 of ML&P’s Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA. During any such period of discontinuation, ML&P shall be obligated to serve customer’s entire load. ML&P shall not use the provision of additional service due to such discontinuation as a basis for applying demand charge in Condition 2.a or 2.b.

3. Upon completion of Section 207, procedure E, of ML&P’s Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA, or a later date agreed to by the parties, ML&P will serve the requirements of the customer, net of the power provided by the customer’s generation, but the maximum demands recorded prior to the initial commencement of the operation of the customer’s generation will be disregarded for purposes of applying the demand charge Condition 2.b.

4. All energy and per kWh charges shall be applied to all kWh supplied by ML&P during the billing period.

5. Service is provided subject to ML&P’s rules and regulations.

6. The maximum demand will be measured by a meter or indicator furnished and installed by ML&P on a meter base furnished and installed by the customer.

7. The customer will make a reasonable effort to maintain unity power factor. Demand charges will be adjusted for customers with 50 kW or more of measured demand to correct for average power factors lower than 90% and may be similarly adjusted for other customers as ML&P deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power factor is less than 90% lagging.

8. Customer’s generation must at all times comply with all applicable provisions of ML&P’s Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA and preliminary and final letters of agreement entered into pursuant to Sections 206 and 207.

Tariff Advice No. 352-121

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Mark A. Johnston
Title: General Manager
9. Customer shall use the electric output of customer’s generation only to serve part of customer’s electric loads, and shall not sell or otherwise provide electric capacity or energy to others. Absent prior approval by ML&P, electric output from customer’s generation shall not flow into ML&P’s electric system and ML&P may require customer, at customer’s expense, to install equipment and/or comply with operational procedures as ML&P reasonably determines is necessary to prevent such flows into ML&P’s electric system. Any such flows that result from an approved installation that meets the applicable requirements of ML&P’s Interconnection Standards and Institute of Electrical Engineering (IEEE) standards are allowed.

Fuel and Purchased Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power, as described on Tariff Sheet Numbers 101.3 and 101.3.2.

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson
Title: Regulatory Affairs Division Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 29
NET REQUIREMENTS SERVICE
AT PRIMARY VOLTAGE

Applicable to:

Any customer that is otherwise eligible for service under, and satisfies the conditions of, Schedule 23 and that is partly served by on-site generation owned by the customer, where such generation has a nameplate capacity greater than 25 kW but not greater than 5,000 kW, and completed all procedures in Section 207 of ML&P’s Interconnection and Operating Requirements for Non-Utility Generation up to 5,000 kVa

Character of Service:

Three phase 60 Hertz alternating current at 4160Y/2400, 12470Y/7200, or 34500Y/19900 volts as available.

Monthly Rate:

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Charge</td>
<td>$619.42</td>
</tr>
<tr>
<td>Demand Charge</td>
<td>$43.10 per kW of billing demand</td>
</tr>
<tr>
<td>Energy Charge</td>
<td>0.488 cents per kWh</td>
</tr>
</tbody>
</table>

Minimum Monthly Charge: The customer charge of $619.42

Conditions:

1. Demand is determined by using the maximum average rate of energy supplied by ML&P for any 15 minute interval.

2. The billing demand shall be the greater of the following:

   a. The recorded maximum demand supplied by ML&P for the month, or
   b. Eighty percent (80%) of the maximum recorded demand supplied by ML&P during the preceding eleven (11) months, or
   c. The contract demand, under a special contract.

Pursuant to U-16-094(10)/U-17-008(14)

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson  Title: Regulatory Affairs Division Manager

Effective: June 1, 2018
Customer shall discontinue parallel operation when requested by ML&P, in accordance with prudent utility practice, for the reasons stated in Section 504 of ML&P's Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA. During any such period of discontinuation, ML&P shall be obligated to serve customer's entire load. ML&P shall not use the provision of additional service due to such discontinuation as a basis for applying demand charge in Condition 2.a or 2.b.

3. Upon completion of Section 207, procedure E, of ML&P's interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA, or a later date agreed to by the parties, ML&P will serve the requirements of the customer, net of the power provided by the customer's generation, but the maximum demands recorded prior to the initial commencement of the operation of the customer's generation will be disregarded for purposes of applying the demand charge Condition 2.b.

4. All energy and per kWh charges shall be applied to all kWh supplied by ML&P during the billing period.

5. Service is provided subject to ML&P's rules and regulations.

6. The maximum demand will be measured by a meter or indicator furnished and installed by ML&P on a meter base furnished and installed by the customer.

7. The customer will make a reasonable effort to maintain unity power factor. Demand charges will be adjusted for customers with 50 kW or more of measured demand to correct for average power factors lower than 90% and may be similarly adjusted for other customers as ML&P deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power factor is less than 90% lagging.

8. The customer, at the customer's expense, shall furnish, install and maintain switches, transformers, regulators and other necessary equipment on the customer's premises.

9. Customer's generation must at all times comply with all applicable provisions of ML&P's Interconnection and Operating Requirements for Non-Utility Generation Up to 5,000 kVA and preliminary and final letters of agreement entered into pursuant to Sections 206 and 207.
10. Customer shall use the electric output of customer's generation only to serve part of customer's electric loads, and shall not sell or otherwise provide electric capacity or energy to others. Absent prior approval by ML&P, electric output from customer's generation shall not flow into ML&P's electric system and ML&P may require customer, at customer's expense, to install equipment and/or comply with operational procedures as ML&P reasonably determines is necessary to prevent such flows into ML&P's electric system. Any such flows that result from an approved installation that meets the applicable requirements of ML&P's Interconnection Standards and Institute of Electrical Engineering (IEEE) standards are allowed.

Fuel and Purchased Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power, as described on Tariff Sheet Numbers 101.3 and 101.3.2. (T)
SCHEDULE 31, 32, AND 33
GENERAL SERVICE - SEASONAL
AT SECONDARY VOLTAGE

Applicable to:

Any class of service which meets all of the following criteria will be billed under Schedule 31, 32, or 33. Whether a customer is on Schedule 31, 32, or 33 depends upon the timing of the summer peak activity and the customer's specific billing cycle.

1. The customer has provided reasonable assurance that its loads will be consistent with criteria #2-6 listed below, and the customer has no billing history during the prior 11 months which is inconsistent with those criteria.

2. Annual demand peak occurring during the specified summer season.

3. Monthly peak demand of no greater than 20 kilowatts (kW) recorded during each month of the specified winter season.

4. Monthly peak demands of greater than 20 kilowatts (kW) recorded during at least three months of the specified summer season.

5. Peak demand for the specified winter season no greater than fifty percent (50%) of the peak demand for the specified summer season.

6. Metered at secondary voltage.

Character of Service:

Single or three phase 60 Hertz alternating current at 120/240, 120/208Y, 208Y/120, 240/120, or 480Y/277 volts as available.

The winter season and summer season shall be defined by the billing months identified in one of the following seasonal schedules:

| Schedule 31 | Winter Season: October through April | Summer Season: May through September |
| Schedule 32 | Winter Season: November through May | Summer Season: June through October |
| Schedule 33 | Winter Season: November through April | Summer Season: May through October |

Tariff Advice No. TA 253-121 Effective: August 6, 2001

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Michael J. Scott Title: General Manager
SCHEDULES 31, 32, AND 33
GENERAL SERVICE - SEASONAL
AT SECONDARY VOLTAGE
(CONTINUED)

Monthly Rate:

Winter Months

Customer Charge: $92.61 (I)
Energy Charge: 11.878 cents per kWh (R)
Minimum Monthly Charge: The customer charge of $92.61 (I)

Summer Months

Customer Charge: $92.61
Demand Charge: $44.53 per kW of billing demand (I)
Energy Charge: 0.498 cents per kWh (R)
Minimum Month Charge: The customer charge of $92.61 (I)

Conditions:

1. Demand is equal to the maximum average rate of energy use for any 15 minute interval.

2. The billing demand shall be the greatest of the following:
   a. The recorded maximum demand for the month, or
   b. Eighty percent (80%) of the maximum demand recorded during the preceding eleven (11) months, or
   c. The contract demand, under a special contract for a customer with onsite generation.

3. Demand charges for self-generating customers may not be calculated based upon demand required to resynchronize and return the customer’s self-generating output to parallel operation with the utility as measured during the one-hour period after power to a self-generating customer is restored following a forced outage that originates on the utility’s side of the meter, and affects service to the self-generating customer.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
4. ML&P will monitor the level of metered demand during each of the billing periods during the specified winter season, and if ML&P should determine that demand exceeds 20 kilowatts (kW), then it will move customer billing from the Seasonal Rate Schedule to Rate Schedule 22 beginning with the next billing period. ML&P will provide the customer with written notification of the change in billing within five days of the meter read and no later than seven days before the next bill is rendered. Once moved from the Seasonal Rate Schedule, customer billing shall not be moved back to this schedule until such time that the customer reestablishes a demand pattern which meets the criteria on Tariff Sheet No. 113, or until ML&P determines that the customer's operating conditions have changed in a manner which would warrant such a change.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121
Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
Applicable to:

Any class of service which meets all of the following criteria will be billed under Schedule 34, 35, or 36. Whether a customer is on Schedule 34, 35, or 36 depends upon the timing of the summer peak activity and the customer's specific billing cycle.

1. The customer has provided reasonable assurance that its loads will be consistent with criteria #2-6 listed below, and the customer has no billing history during the prior 11 months which is inconsistent with those criteria.

2. Annual demand peak occurring during the specified summer season.

3. Monthly peak demands of no greater than 20 kilowatts (kW) recorded during each month of the specified winter season.

4. Monthly peak demands of greater than 20 kilowatts (kW recorded during at least three months of the specified summer season.

5. Peak demand for the specified winter season no greater than fifty percent (50%) of the peak demand for the specified summer season.

6. Metered at Primary voltage.

Character of Service:

Single or three phase 60 Hertz alternating current at 4160Y/2400, 12470Y/7200, or 34500Y/19900 volts as available.

The winter season and summer season shall be defined by the billing months identified in one of the following seasonal schedules:

<table>
<thead>
<tr>
<th>Schedule 34</th>
<th>Winter Season: October through April</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Summer Season: May through September</td>
</tr>
<tr>
<td>Schedule 35</td>
<td>Winter Season: November through May</td>
</tr>
<tr>
<td></td>
<td>Summer Season: June through October</td>
</tr>
<tr>
<td>Schedule 36</td>
<td>Winter Season: November through April</td>
</tr>
<tr>
<td></td>
<td>Summer Season: May through October</td>
</tr>
</tbody>
</table>

Tariff Advice No. TA 253-121 — Effective: August 6, 2001

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Michael J. Scott

Title: General Manager
Monthly Rate:

Winter Months

Customer Charge: $619.42
Energy Charge: 9.355 cents per kWh
Minimum Monthly Charge: The customer charge of $619.42

Summer Months

Customer Charge: $619.42
Demand Charge: $43.10 per kW of billing demand
Energy Charge: 0.488 cents per kWh
Minimum Month Charge: The customer charge of $619.42

Conditions:

1. Demand is equal to the maximum average rate of energy use for any 15 minute interval.

2. The billing demand shall be the greatest of the following:
   a. The recorded maximum demand for the month, or
   b. Eighty percent (80%) of the maximum demand recorded during the preceding eleven (11) months, or
   c. The contract demand, under a special contract for a customer with on-site generation.

3. Demand charges for self-generating customers may not be calculated based upon demand required to resynchronize and return the customer’s self-generating output to parallel operation with the utility as measured during the one-hour period after power to a self-generating customer is restored following a forced outage that originates on the utility’s side of the meter, and affects service to the self-generating customer.

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson
Title: Regulatory Affairs Division Manager

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018
4. ML&P will monitor the level of metered demand during each of the billing periods during the specified winter season, and if ML&P should determine that demand exceeds 20 kilowatts (kW), then it will move customer billing from the Seasonal Rate Schedule to Rate Schedule 23 beginning with the next billing period. ML&P will provide the customer with written notification of the change in billing within five days of the meter read and no later than seven days before the next bill is rendered. Once moved from the Seasonal Rate Schedule, customer billing shall not be moved back to this schedule until such time that the customer reestablishes a demand pattern which meets the criteria on Tariff Sheet No. 114 or until ML&P determines that the customer's operating conditions have changed in a manner which would warrant such a change.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14) Tariff Advice No. 357-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
This schedule is cancelled.
Separate metering for Schedule 24 service is discontinued and energy used for water and space heating is included in service rendered under the applicable General Service Schedule (21, 22 or 23).

Pursuant to Order No. 15, U-76-11
Tariff Advice No. 5-Supp. 2
Effective: JUN 28 1977

Municipal Light & Power Department
Issued by: Municipality of Anchorage

Title: Utility Manager
SCHEDULES 41-45
AREA LIGHTING SERVICE

Applicable to:

Areas, other than public thoroughfares, provided with dusk-to-dawn lighting by pole mounted luminaries.

Character of Service:

Under these schedules ML&P will supply energy to and maintain an unmetered area lighting luminaire, owned by ML&P.

Monthly Rates:

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Watts</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>150</td>
<td>$37.78</td>
</tr>
<tr>
<td>42</td>
<td>175</td>
<td>$39.74</td>
</tr>
<tr>
<td>43</td>
<td>250</td>
<td>$44.81</td>
</tr>
<tr>
<td>44</td>
<td>400</td>
<td>$55.69</td>
</tr>
<tr>
<td>45</td>
<td>1000</td>
<td>$101.61</td>
</tr>
</tbody>
</table>

Conditions:

1. The luminaire or area lighting system shall be equipped with automatic controls to turn the lights on at dusk and off at dawn.

2. These rates are based upon installation of luminaries on existing ML&P wood poles and connection to existing overhead service conductors. When new installations are requested, the cost shall be paid to ML&P as a contribution in aid-of-construction in accordance with Section 3.3. The customer may execute a contract to spread installation cost up to, but no more than, five (5) years. If the customer terminates service prior to payment completion, the balance remaining in his contract shall be due and payable upon service termination.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
3. As of October 1, 1990, ML&P will no longer install new mercury vapor luminaries. Upon maintenance replacement, existing mercury vapor luminaries shall be replaced with the next lower wattage high pressure sodium luminaire and the customer shall be billed at the appropriate rate schedule.

4. A customer may elect to construct lighting facilities and ML&P shall connect and maintain such facilities following inspection and approval by ML&P for service under these schedules.

Fuel and Purchased Power Cost Adjustment: Charges set forth under "Monthly Rate", above are subject to adjustments to recover the cost of power, as described on Tariff Sheet 101.3 and 101.3.2 (T)

For such and other purposes, the number of kilowatt hours to be incorporated in billing and other records, delivered monthly to each luminaire served hereunder, shall be determined to be the product of the fixture input wattage and the operating hours per month. The operating hours are determined monthly by reading a master photo-electric cell. Fixture input wattage is taken as 1.069 times the lamp wattage rating.

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121
Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
SCHEDULES 81-96
AREA LIGHTING SERVICE

Schedules 81-96 formerly found on this page have been cancelled.

Pursuant to U-89-8(5)
Tariff Advice No. 

Effective: October 1, 1990

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr

Title: General Manager
Schedules 81-96 formerly found on this page have been cancelled.

Pursuant to U-89-8(5)
Tariff Advice No. 

Effective: October 1, 1990

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr
Title: General Manager
| SCHEDULES 71-80 |
| STREET LIGHTING SERVICE |

Schedules 71-80 formerly found on this page have been cancelled.

Pursuant to U-89-8(5)
Tariff Advice No. __________________

Effective: October 1, 1990

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas R. Stahr

Title: General Manager
Applicable to:
Lighting by pole-mounted luminaries of public thorough-fares under the jurisdiction of governmental agencies.

Character of Service:
Under these schedules, ML&P will supply energy to and maintain an unmetered streetlight luminaire owned by ML&P.

Monthly Rates:

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Watts</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>150</td>
<td>$37.78</td>
</tr>
<tr>
<td>61</td>
<td>175</td>
<td>$39.74</td>
</tr>
<tr>
<td>62</td>
<td>250</td>
<td>$44.81</td>
</tr>
<tr>
<td>63</td>
<td>400</td>
<td>$55.69</td>
</tr>
<tr>
<td>64</td>
<td>1000</td>
<td>$101.61</td>
</tr>
</tbody>
</table>

Conditions:
1. The luminaries or street lighting system shall be equipped with automatic controls to turn the lights on at dusk and off at dawn.
2. These rates are based upon installation of luminaries on existing ML&P wood poles and connection to existing overhead service conductors. When new installations are requested, the cost shall be paid to ML&P as a contribution in aid of construction in accordance with Section 3.3.
3. As of October 1, 1990, ML&P will no longer install new mercury vapor luminaries. Upon maintenance replacement, existing mercury vapor luminaries shall be replaced with the next lower wattage of high pressure sodium luminaire and the customer shall be billed at the appropriate rate schedule.
4. When the customer requires a change out from mercury vapor luminaries to sodium vapor luminaries, an amount equal to the cost of the change out and the new luminaire shall be paid to ML&P in advance of construction in accordance with tariff Section 3.4.

Fuel and Purchased Power Cost Adjustment: Charges set forth under "Monthly Rate", above are subject to adjustment to recover the Cost of Power, as described on Tariff Sheet Number 101.3 (T) and 101.3.2. (T)

For such and other purposes, the number of kilowatt hours to be incorporated in billing and other records, as delivered monthly to each luminaire served hereunder, shall be determined by the product of the fixture input wattage and the operating hours per month. The operating hours are determined monthly by reading a master photo-electric cell. Fixture input wattage is taken as 1.069 times the lamp wattage rating.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson
Title: Regulatory Affairs Division Manager
MUNICIPAL LIGHT & POWER

SCHEDULE 500
COGENERATION AND SMALL POWER PRODUCTION
CONTRACT SERVICE

Applicable To:

Any person or entity who owns a qualifying facility (QF) within Municipal Light & Power’s service area. This schedule is limited to cogeneration facilities or small power production facilities with a capacity of 100 KW or less and is pursuant to the provisions of the contract signed by the qualifying facility. This schedule is not applicable to breakdown, standby or resale electric service.

Character of Service:

Single or Three-Phase 60 Hertz alternating current at the voltage and phase of ML&P’s established distribution system most available to the location of the qualifying facility.

Monthly Rate:

The basic charge for electric service to the qualifying facility as specified in the applicable ML&P tariff.

Rates For Purchase of Energy:

The rates which ML&P will pay for energy supplied to it by the qualifying facility are the estimated average avoided costs (exclusive of the Cost of Power Balance Amount) filed with the Regulatory Commission of Alaska. The following rate for purchase of energy will change concurrently with the power cost adjustment revisions.

The avoided cost for determining the energy rate is calculated as follows:

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Estimated fuel expense, variable operation and maintenance expenses and the energy portion of purchased-power expense for the ensuing quarter beginning 04/01/2019</td>
<td>$9,315,387 (R)</td>
</tr>
<tr>
<td>2</td>
<td>Estimated kWh Sales for the ensuing quarter beginning 04/01/2019</td>
<td>230,127,355 (R)</td>
</tr>
<tr>
<td>3</td>
<td>Energy Power Rate [(1)/(2)]</td>
<td>$0.04048/kWh</td>
</tr>
</tbody>
</table>

Tariff Advice No. TA 370-121 Effective: April 1, 2019

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
Conditions:

The qualifying facility will be required to enter into a written Special Contract with ML&P prior to interconnection of ML&P and qualifying facilities. This Special Contract shall contain all applicable terms and conditions which must be met and complied with by the qualifying facility. The Special Contract will be subject to the approval of the APUC.
SCHEDULE 600
ECONOMY ENERGY SERVICE FOR RESALE

Applicable to:

Any utility signatory to the Alaska Intertie Agreement having generation capacity readily available to assume its load upon termination of the transaction.

Character of Service:

ML&P will schedule delivery of economy energy at its Plant 2 115KV Bus in accordance with the Alaska Intertie operating procedures. Sales of economy energy are interruptable upon ML&P's sole discretion.

Conditions of Service:

Transactions of economy energy are on a "when, as and if" available from ML&P's generating resources to purchaser to enable the reduction of output from the purchasing utility's available generating resources.

ML&P may supply energy up to the capacity of the power source or fuel available for such supply, subject to the judgment of ML&P that such supply of energy will not impair or jeopardize service to other customers, including other electric systems.

Delivery may be terminated by ML&P upon reasonable notice to the purchaser.

For the purposes of spinning reserve determinations, economy energy shall be considered to have been generated on the purchaser's system.

Price Determination:

A. Purchaser's Decremental Costs include the cost of fuel, operating labor and maintenance which would have been incurred to generate the next unit of energy required at the time of transaction and which is avoided by the purchase of economy energy from ML&P. Decremental costs include the cost avoided by

Pursuant to U-86-11(5)/U-86-16(5)

Effective: March 1, 1987

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Thomas M. Spain

Title: General Manager
start up and operation of a generating unit or units. The decremental cost of a unit to be shut down as a result of the transaction is the average cost of power during the period of the transactions if no economy energy was transferred. The decremental costs per megawatt hour for any particular transaction shall be the total of such costs divided by the megawatt hours scheduled for receipt. In situations where the purchaser would have incurred replacement fuel costs which are higher than the costs of an existing fuel supply, replacement costs shall be utilized.

B. ML&P's Incremental Costs include the cost of fuel, operating labor and maintenance, and the costs of additional transmission system losses to generate and deliver to Plant 2. Incremental costs also include the cost of starting and operating any generating unit which is required as a result of supplying such energy. The incremental cost per megawatt hour for any particular transaction shall be the total of such costs divided by the megawatt hours scheduled for delivery. In situations where ML&P will incur replacement fuel costs which are higher than the cost of its existing fuel supply, replacement costs shall be utilized.

C. Wheeling Costs are the sum of any transmission service charges paid by the purchaser for delivery over the Alaska Intertie or intervening utility systems.

The Margin shall be one half of the quantity of:

Purchaser's Decremental Cost (A) minus Incremental Cost (B) minus Wheeling Costs (C). A different amount may be agreed upon prior to the transaction; however, the negotiated price must be within the range limited by producer's incremental cost and purchaser's decremental cost.

Margin = \frac{1}{2}(A-B-C), unless a different value is negotiated as described above.

Billing:

Economy Energy transactions will be billed monthly and will be the sum of ML&P's Incremental cost per MWH plus margin multiplied against the MWH of scheduled delivery.

Bills will be increased 1% per month on amounts unpaid after 25 calendar days from the date the bill is rendered.
MUNICIPAL LIGHT & POWER

SCHEDULE 700
INTERRUPTIBLE SERVICE - FORT RICHARDSON
AT PRIMARY VOLTAGE

Applicable to:

Fort Richardson, a U.S. Army installation, solely for the purpose of wholesale interruptible power sales.

Character of Service:

Three phase 60 Hertz alternating current at 34500Y/19900 volts.

Monthly Rate:

Energy Charge: 7.245 cents per kWh

Minimum Monthly Charge: None

Conditions:

1. This service shall be fully interruptible at ML&P's discretion. Fort Richardson shall provide its own firm capacity in case of interruption.

2. Fort Richardson shall maintain a minimum of 90% power factor while taking service from ML&P. If Fort Richardson fails to maintain this power factor in any given billing period, a power factor penalty of .005 cents per kilowatt-hour shall be assessed for that billing period.

3. Fort Richardson shall coordinate any installation or settings of load shedding equipment affecting this service with ML&P.

4. Rates for this interruptible service shall be based upon direct costs and the fully allocated cost of service excluding demand-allocated costs. Rates established under this rate schedule may be modified only upon the filing of a general rate increase by ML&P.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
5. Upon reaching annual kWh sales of 7,454,650 (the amount required for the recovery of annual capital costs approved in TA 206-121), Fort Richardson may elect to be billed at rates based upon the same determination utilized for economy energy transactions as described on ML&P's Tariff Sheet No. 123.

6. If, in response to a specific request to do so by the customer, ML&P starts an idle turbine for the purpose of serving the customer's load, the customer will be required to pay, in addition to the Energy Charge specified above, the actual cost of starting the turbine. Prior to starting the turbine, ML&P will notify the customer of the start cost and confirm the customer's request to start the turbine.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
MUNICIPAL LIGHT & POWER

RESERVED

Tariff Advice No. TA 208-121   Effective:   June 30, 1995

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Mary Ann Peace   Title: General Manager

By: Thomas R. Stahr

June 30, 1995

APUC No. 121   Original   Sheet No. 127

Cancelling   Sheet No.
Tariff Advice No. TA 208-121  Effective:  June 30, 1995

ISSUED BY:  Municipality of Anchorage d/b/a Municipal Light & Power

Mary Ann Face  TITLE:  General Manager

Thomas R. Stahr
MUNICIPAL LIGHT & POWER

RESERVED

Tariff Advice No. TA 208-121   Effective: June 30, 1995

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: Mary Ann Peace  TITLE: General Manager

Thomas R. Stahr
MUNICIPAL LIGHT & POWER

SCHEDULE 750
INTERRUPTIBLE SERVICE - ELMENDORF
AT PRIMARY VOLTAGE

Applicable to:

Elmendorf, a U.S. Air Force installation, solely for the purpose of interruptible bulk power sales.

Character of Service:

Three phase 60 Hertz alternating current at 34500Y/19900 volts.

Monthly Rate:

Energy Charge: 8.428 cents per kWh  
Minimum Monthly Charge: None

Conditions:

1. This service shall be fully interruptible at ML&P's discretion. Elmendorf shall provide its own firm capacity in case of interruption.

2. Elmendorf shall coordinate any installation or settings of load shedding equipment affecting this service with ML&P.

3. If, in response to a specific request to do so by the customer, ML&P starts an idle turbine for the purpose of serving the customer's load, the customer will be required to pay, in addition to the Energy Charge specified above, the actual cost of starting the turbine. Prior to starting the turbine, ML&P will notify the customer of the start cost and confirm the customer's request to start the turbine.

Fuel and Purchased Power Cost Adjustment: The foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power, as described on Tariff Sheet Numbers 101.3 and 101.3.2.

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson  
Title: Regulatory Affairs Division Manager

Pursuant to U-16-094(10)/U-17-008(14)  
Effective: June 1, 2018
SCHEDULE 760
LIMITED ALL REQUIREMENTS SERVICE AT PRIMARY VOLTAGE

Applicable to:

Any Customer to whom ML&P is authorized to provide service but is not obliged to provide service (except pursuant to Schedule 700, 750, 760, 770, or 780) and whose peak load in any 12 month period is at least 10 MW. Availability of this service may be terminated by the utility by giving twelve (12) months’ advance written notice to the authorized representatives of all customers then taking service and prompt written notice to all persons with pending applications for service under this schedule 760. Copies of such notices shall also be provided to the Regulatory Commission of Alaska.

Character of Service:

Three phase 60 Hertz alternating current at 34500Y/19900 volts

Monthly Rate:

Customer Charge: $668.42 (I)
Demand Charge: $45.43 per kW of Billing Demand (I)
Energy Charge: 0.488 cents per kWh (R)

Minimum Monthly Charge: The customer charge of $688.42

Definitions:

1. Metered Demand is the maximum average rate of energy use for any 15 minute interval in the billing period.

1 If the customer is taking service under more than one rate schedule at a single meter, only one customer charge shall apply.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power
By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
SCHEDULE 760 CONTINUED

2. Billing Demand is the greater of the following:
   a. The recorded maximum demand for the month, or
   b. 70% of the highest Metered Demand recorded during the preceding eleven (11) months.

Conditions:

1. ML&P may require the customer to enter into a special contract with ML&P that specifies the term of Service and the parties' respective rights upon termination of service. Any such special contract will not become effective until approved by the Regulatory Commission of Alaska ("RCA").

2. Service is for 100% of the customer's requirements. All power generated by the customer's generation facilities must be sold either to the utility or to a third party to whom the power may be delivered. In providing service pursuant to this Rate Schedule 760, ML&P is not committed to purchase power from the customer or to wheel such power to any third party. Any purchase or wheeling arrangements between ML&P and the customer related to power generated by the customer's generation facilities will be by mutually acceptable contract and independent of this Rate Schedule.

3. Operating Reserves: The customer will be responsible for all billing demands arising as a consequence of forced outages of the customer's generation facilities, provided that the customer and ML&P may, by mutual agreement, enter into an operating reserve sharing arrangement which will relieve the customer of responsibility for billing demands arising as a consequence of the initial 2 hours of any forced outage or failure of a supplier other than ML&P to deliver power in consideration of which the customer shall provide Operating Reserves to ML&P meeting the following conditions:
   a. The customer and ML&P must be interconnected in a manner which, in the sole opinion of ML&P, will make it technically feasible for the customer to supply operating reserves to ML&P.
b. The customer must supply to ML&P operating reserves, as defined in ADDENDUM NO. 1 TO THE ALASKA INTERTIE AGREEMENT dated December 23, 1985 and, in particular, SECTIONS A-1.1 et seq., B-2.1 et seq., and B-2.2 et seq. which provisions are, by this reference, incorporated herein and made a part of this rate schedule, in an amount that constitutes the same percentage of the customer’s generation output as ML&P’s operating reserve obligation is of its generation output.

4. The customer may terminate its service under this rate schedule by giving 30 days’ advance written notice to ML&P. However, service under Schedule 760 may not be resumed within 12 months of termination by the customer.

Fuel and Purchased Power Cost Adjustment: The energy charge of the foregoing monthly rate is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2. (T)

Pursuant to U-16-094(10)/U-17-008(14)
Tariff Advice No. 357-121
Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
SCHEDULE 770
PARTIAL REQUIREMENTS SERVICE AT PRIMARY VOLTAGE

Applicable to:

Any customer to whom ML&P is authorized to provide service but is not obligated to provide service (except pursuant to Schedule 700, 750, 760, 770, or 780) and whose peak load in any 12 month period is at least 10 MW. Availability of this service may be terminated by the utility by giving twelve (12) months’ advance written notice to the authorized representatives of all customers then taking service and prompt written notice to all persons with pending applications for service under this Schedule 770. Copies of such notices shall also be provided to the Regulatory Commission of Alaska.

Character of Service:

Three phase 60 Hertz alternating current at available transmission or sub-transmission voltage (34500Y/19900 volts or above).

Monthly Rate:

Customer Charge: $668.42
Baseload Demand Charge: $39.66 per kW of Baseload Demand
Peaking Demand Charge: $39.66 per kW of Peaking Demand
Energy Charge: 0.488 cents per kWh

Minimum Monthly Charge: The customer charge of $668.42 plus the product of Baseload Demand multiplied by the Baseload Demand Charge specified above.1

1 If the customer is taking service under more than one rate schedule at a single meter, only one customer charge shall apply.

Pursuant to U-16-094(10)/U-17-008(14) Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: /s/ Anna Henderson Title: Regulatory Affairs Division Manager
SCHEDULE 770 CONTINUED

Definitions:

1. Metered Total Demand is the maximum average rate of energy use measured over any 15 minute interval during the applicable billing month.

2. Billing Total Demand for any billing month is the greater of (1) Metered Total Demand or (2) 70% of the highest Metered Total Demand recorded during the previous 11 billing months.

3. Baseload Demand is the demand level designated by the customer as Baseload Demand pursuant to paragraph 2 of the Conditions set forth below.

4. Peaking Demand for any billing month is the arithmetic difference derived by subtracting Baseload Demand from Billing Total Demand for such month, or zero, whichever is greater.

Conditions:

1. ML&P may require the customer to enter into a special contract with ML&P that specifies the term of Service and the parties’ respective rights upon termination of service. Any such special contract will not become effective until approved by the Regulatory Commission of Alaska (“RCA”).

2. The customer must apply for service on a form to be provided by the utility, and in such application, designate the Baseload Demand under this Rate Schedule. The customer may modify the Baseload Demand one time in any 12 month period by providing written notice to ML&P 30 days prior to the effective date of the change. The Baseload Demand may be modified more than one time in a 12 month period if the modification is mutually agreed upon and has no adverse effect on ML&P or its other customers.

Pursuant to U-99-139(5)
Tariff Advice No. TA 245-121
Effective Sept. 14, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: 
Title: Acting General Manager
3. The customer may meet its requirements in excess of Baseload Demand through any combination of power purchases from non utility power suppliers and utilities which are authorized by the RCA to make such sales, and power generated by its own facilities. The customer shall provide ML&P with a schedule of its planned generation and purchases from suppliers other than ML&P for each hour of the following day no later than 12:00 noon each day. The customer shall promptly notify ML&P of any changes to such schedule and, except in an emergency, shall not change such schedule for any hour later than 15 minutes prior to the start of that hour.

4. In providing service pursuant to this Rate Schedule, ML&P is not committed to wheel power from any third party to the customer. Any wheeling or ancillary service arrangements between ML&P and the customer related to power purchased by the customer from third-party generation facilities will be by mutually acceptable contract, which must be approved by the RCA prior to taking effect, and independent of this Rate Schedule. The customer will be solely responsible for arranging provision of any wheeling or other services related to such purchase.

5. Operating Reserves: The customer will be responsible for all billing demands arising as a consequence of forced outages of the customer’s generation facilities or of failures of power suppliers other than ML&P to deliver power, provided that the customer and ML&P may, by mutual agreement, enter into an operating reserve sharing arrangement which will relieve the customer of responsibility for billing demands arising as a consequence of the initial 2 hours of any forced outage or failure of a supplier other than ML&P to deliver power, in consideration of which the customer shall provide Operating Reserves to ML&P meeting the following conditions:

   a. The customer and ML&P must be interconnected in a manner which, in the sole opinion of ML&P, will make it technically feasible for the customer to supply operating reserves to ML&P.
SCHEDULE 770 CONTINUED

b. The customer must supply to ML&P operating reserves, as defined in ADDENDUM NO. 1 TO THE ALASKA INTERTIE AGREEMENT dated December 23, 1985 and, in particular, SECTIONS A-1.1 et seq., B-2.1 et seq., and B-2.2 et seq. which provisions are, by this reference, incorporated herein and made a part of this rate schedule, in an amount that constitutes the same percentage of the customer’s generation output as ML&P’s operating reserve obligation is of its generation output.

7. The customer may terminate its service under this rate schedule by giving 30 days’ written notice to ML&P. However, service under Schedule 770 may not be resumed within 12 months of termination by the customer.

Fuel and Purchased Power Cost Adjustment: The Energy Charge is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2.

Pursuant to U-16-094(10)/U-17-008(14) Tariff Advice No. 357-121 Effective: June 1, 2018

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
Pursuant to U-99-139(5)  
Tariff Advice No. 245-121  
Effective Sept. 14, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power
By: [Signature]  
TITLE: Acting General Manager

Hank Nikkels
Pursuant to U-99-139(S)

Tariff Advice No. 245-121

Effective Sept. 14, 2000

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Hank Mikkelson

Title: Acting General Manager
SCHEDULE 500
COGENERATION AND SMALL POWER PRODUCTION
CONTRACT SERVICE

Applicable To:

Any person or entity who owns a qualifying facility (QF) within Municipal Light & Power's service area. This schedule is limited to cogeneration facilities or small power production facilities with a capacity of 100 KW or less and is pursuant to the provisions of the contract signed by the qualifying facility. This schedule is not applicable to breakdown, standby or resale electric service.

Character of Service:

Single or Three-Phase 60 Hertz alternating current at the voltage and phase of ML&P's established distribution system most available to the location of the qualifying facility.

Monthly Rate:

The basic charge for electric service to the qualifying facility as specified in the applicable ML&P tariff.

Rates For Purchase of Energy:

The rates which ML&P will pay for energy supplied to it by the qualifying facility are the estimated average avoided costs (exclusive of the Cost of Power Balance Amount) filed with the Regulatory Commission of Alaska. The following rate for purchase of energy will change concurrently with the power cost adjustment revisions.

The avoided cost for determining the energy rate is calculated as follows:

(1) Estimated fuel expense, variable operation and maintenance expenses and the energy portion of purchased-power expense for the ensuing quarter beginning 04/01/2017

$14,692,873

(2) Estimated kWh Sales for the ensuing quarter beginning 04/01/2017

261,257,000

(3) Energy Power Rate [(1)/(2)]

$0.05624/kWh

Pursuant to U-16-060(7)/U-16-073(6)
Tariff Advice No. TA 359-121 Effective: April 1, 2017

Issued by: Municipality of Anchorage d/b/a Municipal Light & Power

By: Anna C. Henderson Title: Regulatory Affairs Division Manager
Pursuant to U-99-139(5)
Tariff Advice No. 245-121

Effective Sept. 14, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: [Signature]

TITLE: Acting General Manager

State of Alaska
Regulatory Commission of Alaska
# SCHEDULE 780

**SEASONAL REPLACEMENT SERVICE AT PRIMARY VOLTAGE**

Applicable to:

Any customer to whom ML&P is authorized to provide service but is not obligated to provide service (except pursuant to Schedule 700, 750, 760, 770, or 780), and whose peak load in any 12 month period is at least 10 MW, for the purpose of replacing customer owned generation units during maintenance outages during the Summer Season, May through October. Availability of this service may be terminated by the utility by giving twelve (12) months’ advance written notice to all customers who are then taking service or whose applications for service pursuant to Condition No. 2 below have been accepted by the utility, and prompt written notice to all persons with pending applications for service, under this Schedule 780. Copies of such notices shall also be provided to the Regulatory Commission of Alaska.

**Character of Service:**

Three phase 60 Hertz alternating current at available transmission or subtransmission voltage (34500Y/19900 volts or above).

**Monthly Rate:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Charge:</td>
<td>$668.42</td>
</tr>
<tr>
<td>Replacement Capacity Charge:</td>
<td>$39.66 per kW of Replacement Capacity</td>
</tr>
<tr>
<td>Excess Demand Charge:</td>
<td>The Peaking Demand Charge under Rate Schedule 770 then in effect</td>
</tr>
<tr>
<td>Energy Charge:</td>
<td>0.488 cents per kWh</td>
</tr>
</tbody>
</table>

**Minimum Monthly Charge:**

The customer charge of $688.42 plus the Product of Replacement Capacity multiplied By the Replacement Capacity Charge specified above.¹

¹ If the customer is taking service under more than one rate schedule at a single meter, only one customer charge shall apply.

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**Issued by:** Municipality of Anchorage d/b/a Municipal Light & Power

**By:** /s/ Anna Henderson  
**Title:** Regulatory Affairs Division Manager

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**Pursuant to U-16-094(10)/U-17-008(14)  
Effective:** June 1, 2018
SCHEDULE 780 CONTINUED

Definitions:

1. Metered Total Demand is the maximum average rate of energy use measured over any 15 minute interval during the applicable billing month.

2. Billing Total Demand for any month is the greater of (1) Metered Total Demand or (2) Replacement Capacity.

3. Replacement Capacity is the demand level designated by the customer as Replacement Capacity pursuant to paragraph 2 of the Conditions set forth below.

4. Excess Demand is equal to Billing Total Demand less Replacement Capacity, or zero, whichever is greater.

Conditions:

1. ML&P may require the customer to enter into a special contract with ML&P that specifies the term of service and the parties' respective rights upon termination of service. Any such special contract will not become effective until approved by the Regulatory Commission of Alaska ("RCA").

2. The customer must apply for service on a form to be provided by the utility, and in such application, designate the Replacement Capacity under this Rate Schedule. Replacement Capacity must be designated for a period of not less than 1 month and not more than 3 months, and no part of the period may fall outside of the May through October summer season. ML&P may accept or reject the customer's designation of Replacement Capacity and will notify the customer of its decision to accept or reject within 7 days of receiving the customer's application. If ML&P accepts the customer's designation, ML&P shall provide and the customer shall

Pursuant to U-99-139(5)
Tariff Advice No.: TA 245-121

Effective Sept. 14, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

By: Hank Nikkels

TITLE: Acting General Manager
SCHEDULE 780 CONTINUED

purchase the designated Replacement Capacity pursuant to this rate schedule. The customer may unilaterally reduce the Replacement Capacity one time in any 12 month period by providing 30 days' prior written notice to ML&P. The customer may designate multiple purchases of Replacement Capacity, which ML&P may accept or reject independently of each other.

3. The customer may meet its requirements in excess of the Replacement Capacity through any combination of power purchases from non utility power suppliers and utilities which are authorized by the RCA to make such sales, and power generated by its own facilities. The customer shall provide ML&P with a schedule of its planned generation and purchases from suppliers other than ML&P for each hour of the following day no later than 12:00 noon each day. The customer shall promptly notify ML&P of any changes to such schedule and, except in an emergency, shall not change such schedule for any hour later than 15 minutes prior to the start of that hour.

4. In providing service pursuant to this Rate Schedule, ML&P is not committed to wheel power from any third party to the customer. Any wheeling or ancillary service arrangements between ML&P and the customer related to power purchased by customer from third-party generation facilities will be by mutually acceptable contract, which must be approved by the RCA prior to taking effect, and independent of this Rate Schedule. The customer will be solely responsible for arranging provision of any wheeling or other services related to such purchase.

5. Operating Reserves: The customer will be responsible for all billing demands arising as a consequence of forced outages of the customer's generation facilities or of failures of power suppliers other than ML&P to deliver power, provided that the customer and ML&P may, by mutual agreement, enter into an operating reserve sharing arrangement which will relieve the customer of responsibility for billing demands arising as a consequence of the initial 2 hours of any forced outage or failure of a supplier other than ML&P to deliver power in consideration of which the

Pursuant to U-99-139(5)
Tariff Advice No. TA 245-121

Effective Sept. 14, 2000

ISSUED BY: Municipality of Anchorage d/b/a Municipal Light & Power

BY: [Signature] TITLE: Acting General Manager
customer shall provide Operating Reserves to ML&P meeting the following conditions:

a. The customer and ML&P must be interconnected in a manner which, in the sole opinion of ML&P, will make it technically feasible for the customer to supply operating reserves to ML&P.

b. The customer must supply to ML&P operating reserves, as defined in ADDENDUM NO. 1 TO THE ALASKA INTERTIE AGREEMENT Dated December 23, 1985 and, in particular, SECTIONS A-1.1 et seq., B-2.1 et seq., and B-2.2 et seq. which provisions are, by this reference, incorporated herein and made a part of this rate schedule, in an amount that constitutes the same percentage of its generation output as ML&P’s operating reserve obligation constitutes of ML&P’s generation output.

**Fuel and Purchased Power Cost Adjustment:** The Energy Charge is subject to adjustment on a kilowatt hour basis to recover the cost of power as described on Tariff Sheet Number 101.3 and 101.3.2. (T)

**Pursuant to U-16-094(10)/U-17-008(14)**
Tariff Advice No. 357-121
Effective: **June 1, 2018**

Issued by: **Municipality of Anchorage d/b/a Municipal Light & Power**

By: ____________________________ Title: **General Manager**
Appendix A

Interconnection and Operating Requirements for Non-Utility Generation
Up to 5,000 kVa

(Sections 111-114 Revised September, 2016)
102 Operational Policy for Interconnected Non-Utility Generation

ML&P’s policy is to assist its customers with the installation and operation of non-utility generation resources intended to operate in parallel with the ML&P electric power system, provided this can be done without adverse effects to ML&P’s other customers, personnel, equipment, or system operations.

The purpose of ML&P’s interconnection procedures is to provide a thorough but expedient method by which the applicant can be authorized to safely and reliably interconnect with the ML&P electric power system.

In these requirements, interconnection is defined as the electrical connection of non-utility generation facilities with the ML&P electric power system, either directly to ML&P’s facilities, or through the customer’s load. As used in this document, non-utility generation is defined as any electrical generation source not owned or operated by ML&P. Non-utility generating facilities can be classified as either separate or parallel operating systems. Separate operation denotes operating generation without the capability of sending power to, or receiving power from the ML&P system. Parallel operation is the condition where non-utility generation operates while electrically connected to the ML&P system; under this condition, electric power can flow either from the ML&P system to the non-utility facility or vice versa.

Within these requirements, the term “producer” is used to refer to the owner(s) of non-utility generating facilities, or agents acting on their behalf, who have been authorized by ML&P to interconnect and operate in parallel with the ML&P electric power system. Also in these requirements, an “applicant” is defined as an individual or party who has applied for the interconnection of non-utility generation with the ML&P electric power system.

The operation of non-utility generation in parallel with the electrical supply grid poses important safety concerns for ML&P personnel and equipment, and poses safety and reliability concerns for ML&P’s customers and the general public. Accordingly, any interconnected non-utility generating facility must meet all applicable federal, state, and local safety codes and regulations, in addition to the specific details contained in these requirements. ML&P strongly recommends (and in some cases, may require) that those applying for interconnection obtain the services of an engineering professional, expert in the design of wiring and protection systems, including control and protection systems for generating equipment interconnected with electric grids.

Electrical distribution systems are inherently complex; each proposal to interconnect to the system will be unique in geographic location, operational characteristics, and impact to the electrical grid. All proposals must therefore be analyzed to determine the specific technical operating criteria and utility interface requirements.

ML&P requires general liability insurance for all non-utility generation facilities. Refer to Section 502 for specific details regarding insurance coverage. Proof of insurance is required before ML&P will authorize connection and operation of non-utility generating equipment.

Applicants for interconnection with ML&P are advised that these interconnection requirements may in the future change in a manner that could require them to modify their facilities at their sole expense. Changes to the interconnection requirements established in ML&P’s tariff are subject to the review and approval of the Regulatory Commission of Alaska.