



STATE OF ALASKA  
DEPARTMENT OF  
**COMMERCE**  
COMMUNITY AND  
ECONOMIC DEVELOPMENT

*Bill Walker, Governor*  
*Mike Navarre, Commissioner*  
*Stephen McAlpine, Chairman*

**Regulatory Commission of Alaska**

April 20, 2018

In reply refer to: Tariff Section  
File: TA466-1  
LO#: L1800181

Constance Hulbert  
General Manager  
Alaska Electric Light and Power Company  
5601 Tonsgard Court  
Juneau, AK 99801-7201

Dear Ms. Hulbert:

Alaska Electric Light and Power Company (AEL&P) filed TA466-1 on March 14, 2018, seeking to update its Cost of Power Adjustment and Small Facility Power Purchase Rate. On April 19, 2018, the Regulatory Commission of Alaska approved Tariff Sheet Nos. 131, 169, and 170, filed March 14, 2018, by AEL&P with TA466-1. The effective date of the tariff sheets is April 1, 2018.

Enclosed are validated copies of the approved tariff sheets.

BY DIRECTION OF THE COMMISSION (Commissioner Rebecca L. Pauli not participating)

Sincerely,

REGULATORY COMMISSION OF ALASKA

A handwritten signature in blue ink, appearing to read "Julie C. Vogler".

Julie C. Vogler  
Finance Section Manager

Enclosures

RCA No. 1

77th

Sheet No. 131

Canceling

76th

Sheet No. 131

**RECEIVED****MAR 14 2018**STATE OF ALASKA  
REGULATORY COMMISSION OF ALASKARegulatory Commission  
of Alaska**Alaska Electric Light and Power Company****Schedule No. 44****Purchase of Energy from a Qualifying Facility  
with a design capacity of 100 kilowatts or less**

Applicable to: Qualifying power production facilities with a design capacity of 100 KW or less.

Rates: The rates reflected below are based on the cost of energy which Alaska Electric Light and Power Company (AELP) will avoid by virtue of its interconnection with qualifying facilities of 100 kW or less.

Rate A: This rate shall be effective at all times that energy available from AELP-owned hydro generators and the Snettisham hydroelectric facility is sufficient to meet all AELP customers' firm energy requirements.

Avoided = Incremental Cost of firm energy per kilowatt-hour  
Energy Cost from Snettisham

Avoided = \$0.0 per kilowatt-hour  
Energy Cost

Rate A = \$0.0 per kilowatt-hour

Rate B: With the exclusion of exceptions listed, this rate shall be effective when AELP is using diesel fuel to generate electricity. However, diesel generation for maintenance and testing purposes of two hours or less per day will not cause this rate to become effective.

		Cost of Diesel fuel consumed during previous 3 months	
Avoided	=	-----	
Energy Cost		Kilowatt-hours produced by diesel generation - previous 3 months	
		\$36,009.46	R
Avoided	=	-----	
		131,700	R
Rate B	=	\$0.2734 per kilowatt-hour	R

These rates will be adjusted in conjunction with quarterly Cost of Power Adjustment filings.

Effective April 1, 2018Tariff Advice No. 466-1

Issued by

**Alaska Electric Light and Power Company**

By

*Antoine Huber*

Title

General Manager

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## Alaska Electric Light and Power Company

## Schedule No. 98 (continued)

## d. Revision of Cost of Power Adjustment

(1) By the 15th of the month preceding the beginning of each calendar quarter, the utility will, by tariff advice letter, file the Determination of Cost of Power Adjustment detailed in (e.) to reflect the change in the average fuel cost for the ensuing calendar quarter and to reflect other approved credits or debits as set forth in (c.). The filing shall include such supporting data and work papers as the Regulatory Commission considers appropriate to support the computation.

(2) The revised Cost of Power Adjustment will be effective for all billings subsequent to the revision date, subject to subsequent review and adjustment by the Regulatory Commission. Revision dates will coincide with the beginning of the monthly billing cycle for each calendar quarter.

## e. Determination of the Cost of Power Adjustment:

## (1) Current cost of fuel:

Energy Source	Estimated Purchases	Cost per Unit (B)	Total (A x B)	
Diesel	51,981 gal			I
Fuel	576,000 kwh	\$2.6412	\$ 137,292	III
Total cost of fuel			\$ 137,292	I

(2) Forecasted Princess Cruise Lines Interruptible Sales  
(April 1, 2018 - June 30, 2018)

Kilowatt hour sales:	2,764,875			T
X Kwh rate	\$ 0.137358	\$379,778		I
Estimated 0% Power Factor Penalty	0		(\$379,778)	R

(3) Forecasted Excess Margins on Interruptible Sales  
(April 1, 2018 - June 30, 2018)

Estimated Amount		( \$ 82,957)		T
				I

Effective April 1, 2018

Tariff Advice No. 466-1

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By

*Antoine Huber*

Title

General Manager

RCA No. 1

75th

Sheet No. 170

Canceling

74th

Sheet No. 170

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**Alaska Electric Light and Power Company****Schedule No. 98 (Continued)**

(4)	True-up of Greens Creek Revenue variance for the period December 1, 2017 - February 28, 2018		T
	Included in Balance as of February 28, 2018, in item (5) below		T
(5)	Balance of Cost of Power Account (at February, 28 2018)	( 871,520)	I T
	Estimated entries to Cost of Power Account March 1 - 31, 2018:		T
	Diesel Generation	144,000 kwh	36,340 _I
	Kilowatt hour sales: 29,393,115 kwh		R
	March 2018 x (0.013470)	395,925	TRI
	Forecasted Excess Margins	(30,735)	I
	Estimated interruptible sales - Princess Cruise Lines (including power factor penalty)	0	
	Estimated Balance - Cost of Power Account (at March 31, 2018)	( 469,990)	TI
(6)	Total of (1) - (5) above	( 795,433)	I
(7)	Estimated Kwh sales (April 1, 2018 - June 30, 2018)	76,477,723	R T
(8)	Cost of Power Adjustment (6)/(7) per kilowatt-hour	(\$0.010401)	I

## f. Cost of Power Balance Report

The Company shall file a report on the status of the Cost of Power Balance Account by the 15th day of the month preceding the beginning of each calendar quarter. This report shall include:

- (1) The unit prices, volumes and total costs of fuel purchased as well as KWH generated by unit;

Effective April 1, 2018Tariff Advice No. 466-1

Issued by

**Alaska Electric Light and Power Company**

By

*Constance Huber*

Title

General Manager