

General Manager
334 Front Street
Ketchikan, AK 99901

Phone (907) 228-3603
Fax (907) 225-5075

TRANSMITTAL MEMORANDUM

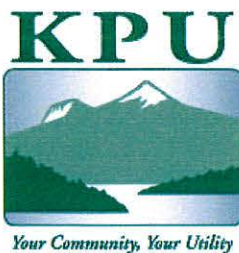
TO: The Honorable Mayor and City Council

FROM: Lacey G. Simpson, Assistant General Manager

DATE: June 25, 2019

RE: **Report of June 17, 2019 Power Outage**

Attached for City Council review is a memorandum from Electric System Engineering Manager Jeremy Bynum regarding the power outage of June 17, 2019. Mr. Bynum and Electric Division Manager Andy Donato will be attending the City Council meeting of July 08, 2019, in order to address any questions and/or concerns that Councilmembers may have.



Electric Division
1065 Fair Street
Ketchikan, AK 99901

Phone: (907) 225-5505
Fax (907) 247-0755

TRANSMITTAL MEMORANDUM

TO: Karl Amylon, KPU General Manager
Lacey Simpson, Assistant KPU General Manager

FROM: Jeremy Bynum PE, Electric System Engineering Manager

DATE: June 24, 2019

SUBJECT: **Electrical Outage of June 17, 2019**

On Monday, June 17, 2018, at 6:36 PM, an outage affected two (2) Bethe substation feeders and electric services in Ketchikan. This outage was caused by an eagle dropping a salmon carcass into the Bethe substation which made contact with the 34.5kV system.

The contact caused protective relaying to open system 12.46kV feeders and 34.5kV tie breaker causing the power outage.

KPU operators and crews quickly identified the issue and immediately began power restoration. The power restoration process takes time because equipment must be inspected and restored in a controlled manner.

Initially 1,575 customers were affected by the outage. Within fifty minutes power was restored to all customers.

Operation Schedule

Location	Open	Close	Duration (hr:min)	Customers
Bethe F1J	18:36	19:24	0:47	945
Bethe F4T	18:36	19:26	0:50	630

Cc: Andy Donato, Electric Division Manager
Mark Adams, Electric Division Operations Manager
Diane Walker, Administrative Assistant