



General Manager
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TRANSMITTAL MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Lacey G. Simpson, Acting General Manager

DATE: August 10, 2022

RE: **Report of July 17, 2022 Power Outage**

Attached for City Council review is a memorandum from Acting Electric Division Manager Jeremy Bynum regarding the power outage of July 17, 2022. Mr. Bynum will be attending the City Council meeting of August 18, 2022, in order to address any questions and/or concerns that Councilmembers may have.



Electric Division
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TRANSMITTAL MEMORANDUM

TO: Lacey Simpson, Acting KPU General Manager

FROM: Jeremy Bynum PE, Acting Electric Division Manager

DATE: July 26, 2022

SUBJECT: Electrical Outage of July 17, 2022

On Sunday July 17, 2022, at 12:18 PM, an outage affected all electric services north of Ketchikan and parts of Gravina Island. This outage was caused by an avian contact with the 34.5kV system at or near Lewis Reef Substation.

The avian contact caused protective relaying at Baily Powerplant to open the 34.5kV North Tie Breaker disconnecting power from three substations: Lewis Reef, North Point Higgins, and Ward Cove. No equipment was damaged during the event.

KPU operators and crews identified the issue and immediately began power restoration. The power restoration process took additional time due to the nature of the outage location. Initially 1,884 customers were affected by the outage. Within one hour and thirty-six minutes, power was restored to all customers.

Operation Schedule

Location	Open	Close	Duration (hr:min)	Customers
Point Higgins F1S	12:18	13:52	1:34	553
Point Higgins F2N	12:18	13:54	1:36	533
Ward Cove F1S	12:18	13:49	1:31	308
Ward Cove F2N	12:18	13:50	1:32	484
Gravina Tie	12:18	13:46	1:28	6

Cc: Mark Adams, Electric Division Operations Manager
Kim Hendricks, Administrative Assistant
GMO, Administrative Assistant