

# KPU



*Your Community, Your Utility*

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TRANSMITTAL MEMORANDUM
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TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, General Manager

DATE: August 11, 2020

RE: **Lake Levels and System Generation Report for the Month of July 2020**

Attached for City Council review is a copy of the Electric Division Manager's report of lake levels and system generation for the month of July 2020. Should Councilmembers have any questions and/or concerns regarding Mr. Donato's report, staff can respond accordingly.



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## TRANSMITTAL MEMORANDUM

TO: Karl R. Amylon, General Manager

FROM: Andrew Donato, Electric Division Manager

DATE: August 5, 2020

SUBJECT: Lake Level Report for the Month of July 2020

The average elevation of Upper Silvis Lake is 10.7 feet **below** spill, making Upper Silvis about 90% of capacity. Silvis Powerhouse produced 758,571 kWh of net energy this last month. This compares to 771,761 kWh in *July of last year*. (Note: Silvis generation is used to regulate lower lake level.)

The average elevation of Lower Silvis Lake is 4.6 feet **below** spill or 82% of capacity. Beaver Falls Powerhouse produced 3,553,479 kWh of net energy this last month. This compares to 2,767,895 kWh in *July of last year*.

The average elevation of Whitman Lake is 1.9 feet **below** spill or 94% of capacity. Whitman Powerhouse produced 1,135,293 kWh of net energy this last month compared to 494,483 kWh in *July of last year*.

The average elevation of Swan Lake is 4.2 feet **below** spill. SEAPA purchased power was 4,466,166 kWh of net energy this last month. This compares to 3,265,400 kWh of purchased power received in *July of last year*.

The average elevation of Ketchikan Lake is 4.5 feet **below** spill or 83% of capacity and the Ketchikan Powerhouse produced 2,184,559 kWh of net energy. This compares to 1,406,876 kWh of net energy in *July of last year*.

Net diesel generation during this last month was -92,632 kWh. This compares to 3,565,631 kWh in *July of last year*. (Negative number reflects use for station power, not billable).

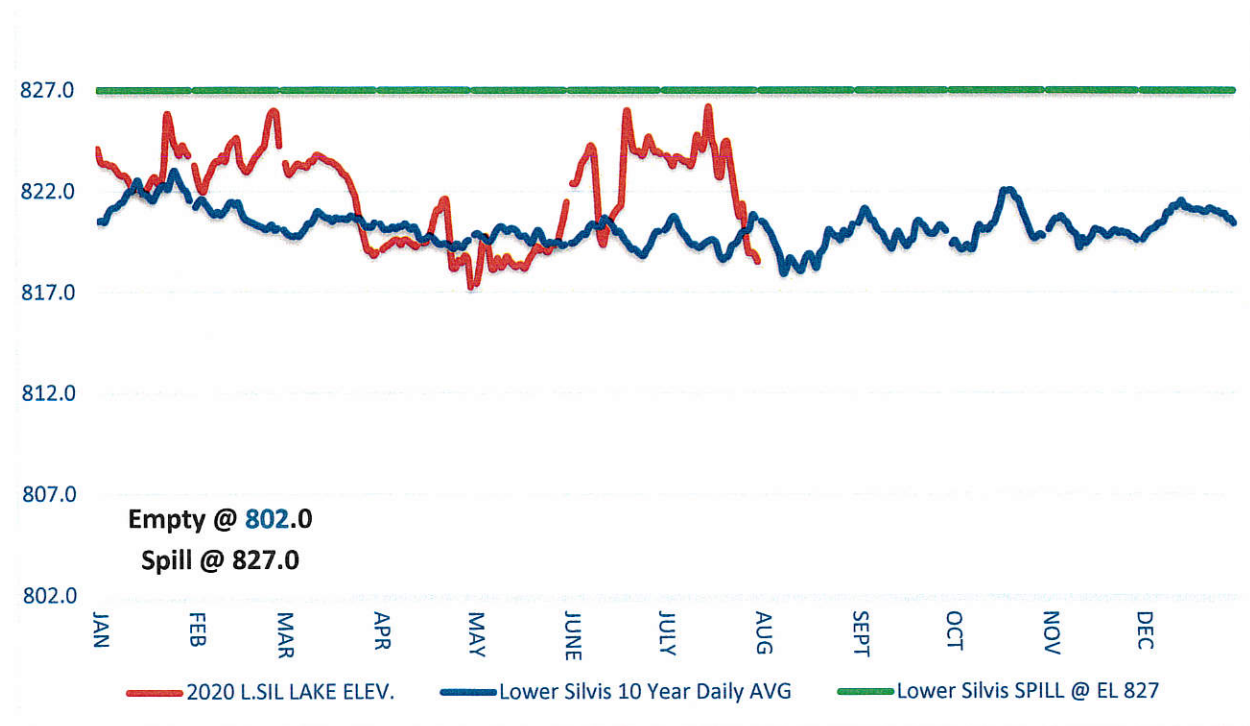
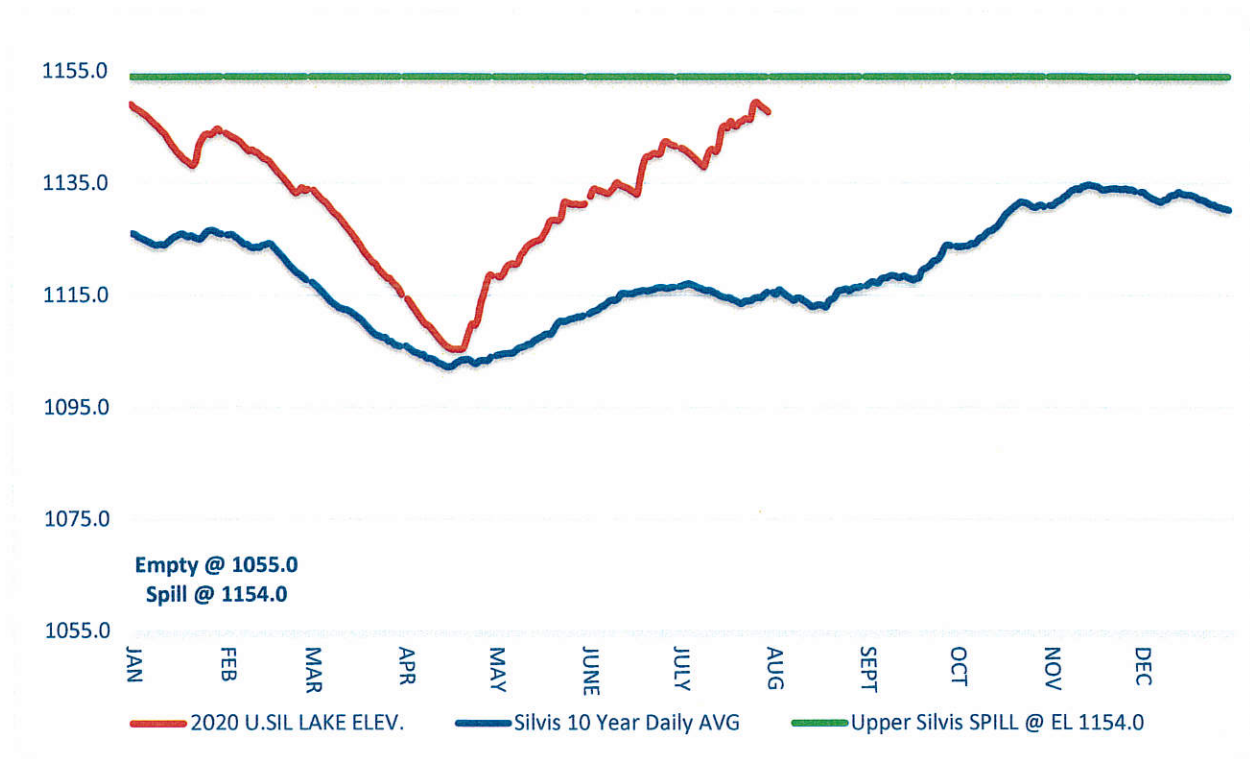
System peak was 22,300 kW.

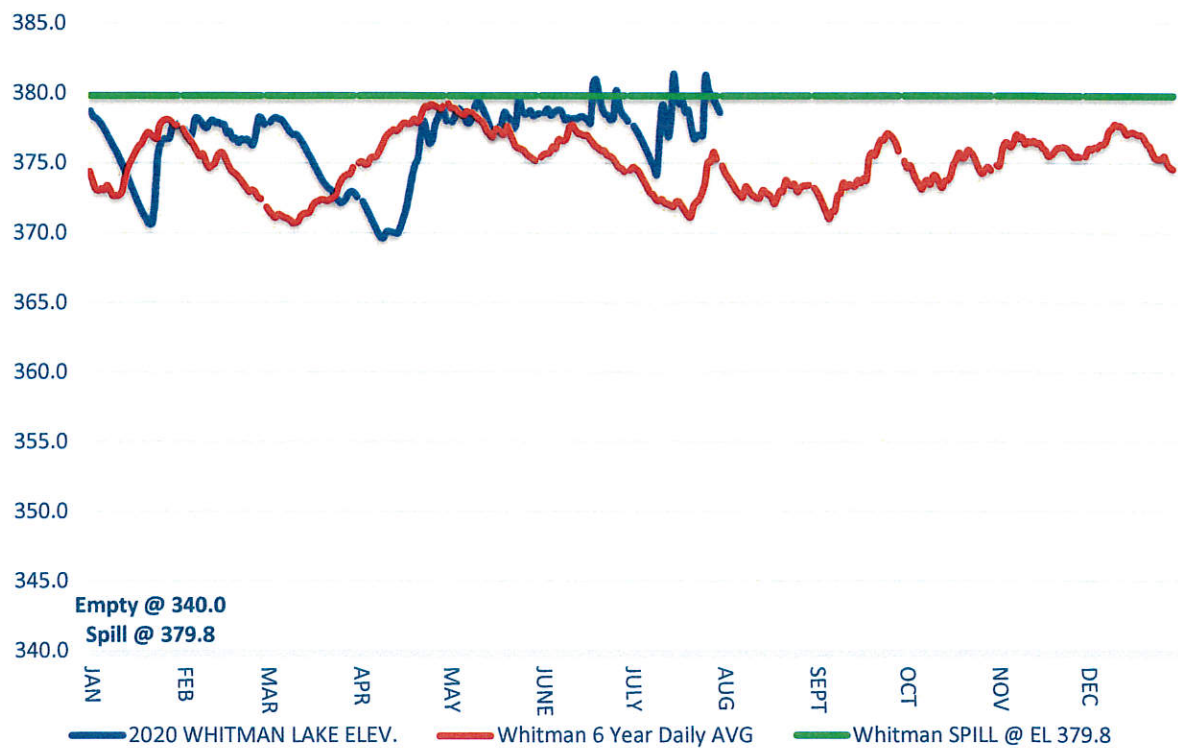
Ketchikan Public Utilities **owned** generation facilities produced 7,539,270 kWh of net energy this last month. This was 63% of last month's required energy.

**Total System Net Generation** last month, including purchased power, was 12,005,436 kWh. This compares to 12,272,046 kWh in *July of last year*, and represents a decrease of -266,610 kWh.

AD: kjh

## 2020 Upper and Lower Silvis Lake along with Whitman Lake Levels





## 2020 Swan & Ketchikan Lake Levels

