

Operations Report to Directors - Mississippi River Power Corp.

April 22, 2021

Last regular meeting – March 30, 2021

Generation for the month of March was 3,045,949 kWh. We generated 758,473 kWh on peak, at a rate of \$0.1515 per kWh for a total of \$114,908.61. We generated 2,287,476 kWh off peak, at a rate of \$0.1163 per kWh, for a total of \$266,033.48. Total generation revenue for the month of March was \$380,942.09. Kilowatt hour production for the month of March was about 90% of capacity.

As was outlined in last month's Operations Report, flows for the first part of March were below 30 cms. Flows increased gradually from there, until the 26th when they began to increase more rapidly. By the end of the month, flows measured just under 100 cms. The flow peaked at 104 cms on April 3rd, which is about 47 cms lower and one and a half weeks earlier than the average peak. As of last Friday, the flow in Appleton measured 36 cms and our generation output was 4200 kW.

Late last month, we inspected the roof of MS#1. I have since had a roofing contractor to the site to have a look and provide a quotation.

By the end of March we had pulled eight logs out of the Millfall Dam, one log from the Earthen Dam and one log from the bywash.

We brought our dump trailer in for servicing at the end of March.

I contacted two different companies to provide quotations for the 40,000-hour generator inspection and maintenance.

We ordered signs warning the public to stay on the path on the Earthen Dam. The signs were received and installed last week.

Our staff removed tarps from the geoheritage display, removed downed limbs, cleaned the parking lots at both parks, added more garbage cans, and cleaned the public washroom.

Our staff started putting logs back in the dams on April 8th. All logs were back in by April 13th.

On Monday, April 12th we had to briefly shut down (30 minutes) our units as requested by Hydro One Networks Inc., for maintenance.

Later, on the morning of April 12th, Schneider Electric had representatives onsite to perform infrared scanning of our station, substation, transformer and associated connections.

We added crushed stone to several areas on top of the Earthen dam last week, to eliminate trip hazards.

Staff continue to wear masks inside the generating station, and I've been working from home for the past 8 weeks. Tours of our station have been on hold since last March as well.

Generation Stats

This section shows annual figures

Budget Generation 2018 \$2,306,244
 Actual Generation 2018 \$2,455,780
 Actual Generation 2018 (kWh) 19,960,232

Budget Generation 2019 \$2,411,009
 Actual Generation 2019 \$3,007,133
 Actual Generation 2019 (kWh) 24,327,543

Budget Generation 2020 \$2,422,939
 Actual Generation 2020 \$3,062,511
 Actual Generation 2020 (kWh) 24,649,416

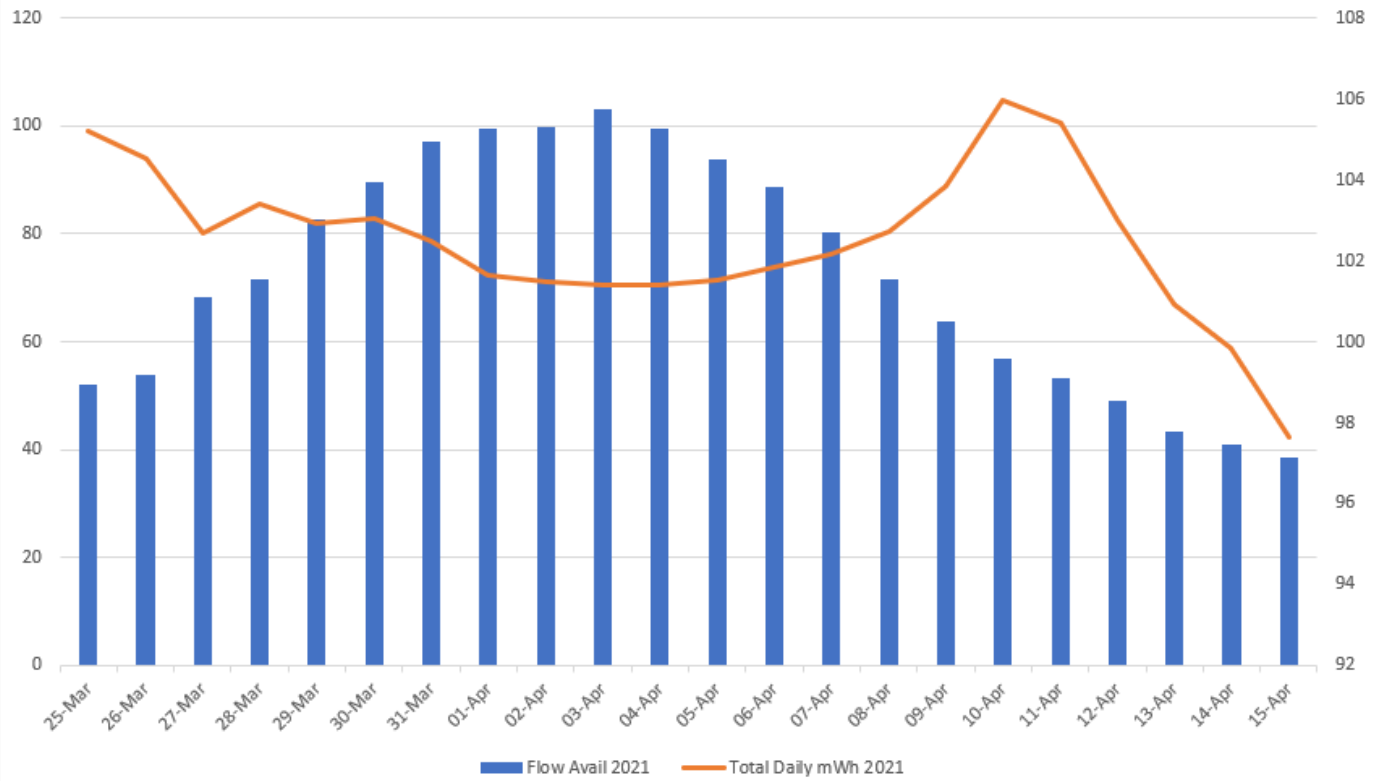
This section shows figures representing the period of January 1 – March 31 (2020 vs 2021)

2020		2021	
Budget Generation	\$850,448	Budget Generation	\$934,552
Actual Generation	\$1,079,368	Actual Generation	\$1,055,880
Actual Generation	8,671,483 kWh	Actual Generation	8,466,660 kWh

NOTE: The projected (or budgeted) revenue/kWh output is often well above or below the actual totals. As a run-of-river station we must base our projections on average flows.

Scott Newton, General Manager

Flow vs Output
2021



Monthly Generation Revenue

