

Blind River GS Monthly Report – February 2021

Production

Unit #1 (Town Hall connected) produced 29,544 kWh in February.

Unit #2 (STP connected) produced 31,332 kWh in February.

Pursuant to the Town's hydro bills for Town Hall and the STP, its all-in cost of power is approximately 18 cents per kWh. This changes with variation in Hydro's "Global Adjustment" rate.

It should be noted that the above generation estimates are from the existing control software and are subject to verification pending the installation of a revenue-grade power meter on the output of each generator, which has been approved by the Town Clerk Administrator and is in progress of procurement and implementation.

Downtime

There was no downtime because of breakdowns this month. We did have unit #1 shut down for about a week during the middle of the month because of low water.

Maintenance

- Over 70 hours onsite for tie rod changes, wiring in an outside light and a plug for a security camera, changing light bulbs to improve our lighting, changing our cabinet light, moving the mechanical gate, shovelling, ice chipping, and on call coverage.
- General cleaning was again performed regularly, including disinfecting of high touch points.

Other Issues

There are no other issues at this time.

Water Management

During this month, the Target Water Level range was from 0.60 to 0.66 and the Compliance Water Level range was from 0.60 to 0.78. We are to stay within these levels from February 1st to March 31st. We were over compliance on the 3rd and under compliance on the 17th.

We received no water level complaints in February.

Figure 1 is a graph of the water level from February 1st to February 28th. Figure 2 is the chart with the exact water levels and number of logs out.

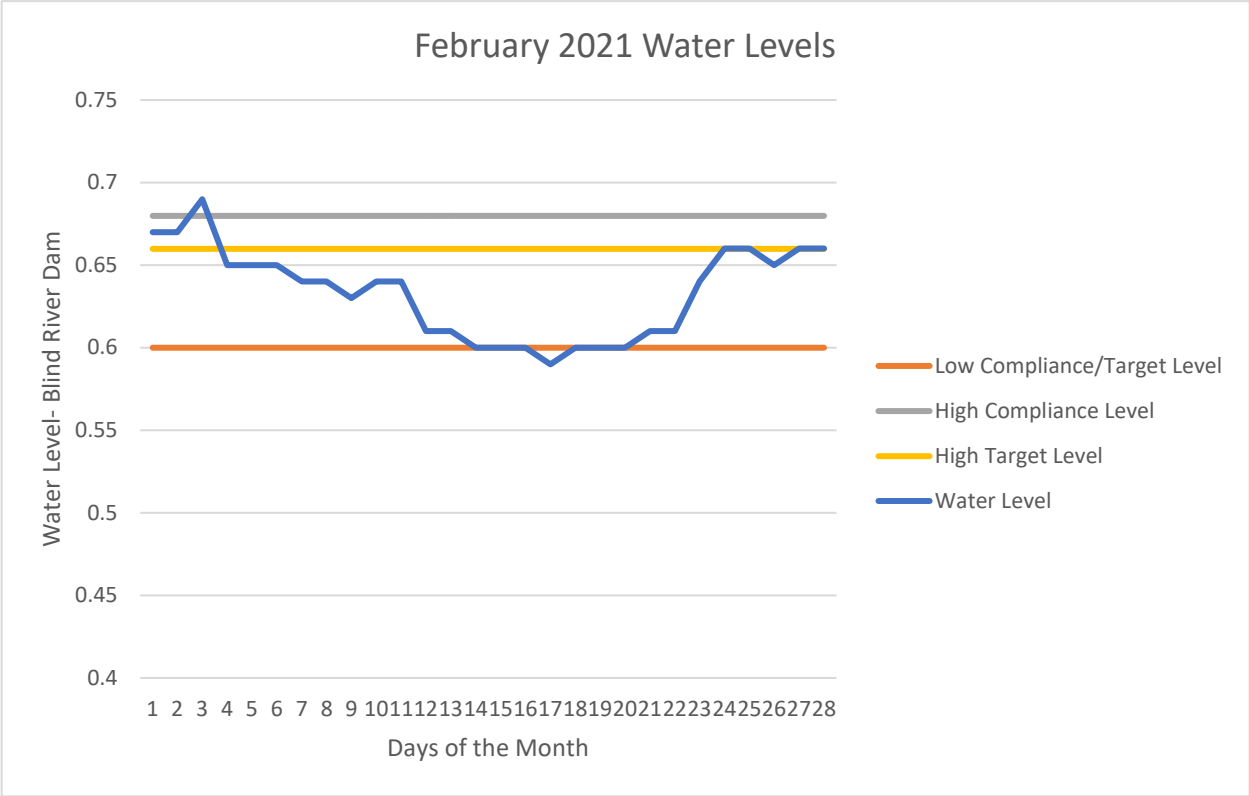


Figure 1: Water Level Graph

2021 MONTHLY WATER LEVEL LOG

Generating Station: Town Dam		Month: February		
WMP Compliance Range:			.60 to .68 mStaff	
Date	Water Level	Ruler	Logs Out & Equivalent Flow	Comments/Actions
February 1, 2021	0.67	557	6	
February 2, 2021	0.67	557	6	
February 3, 2021	0.69	557	7	
February 4, 2021	0.65	557	6	forecasting 10-15mm snow overnight
February 5, 2021	0.65	557	6	
February 6, 2021	0.65	557	6	
February 7, 2021	0.64	557	6	
February 8, 2021	0.64	557	6	
February 9, 2021	0.63	557	5	
February 10, 2021	0.64	557	5	-28 in AM
February 11, 2021	0.64	557	5	
February 12, 2021	0.61	557	5	
February 13, 2021	0.61	557	5	
February 14, 2021	0.6	557	5	
February 15, 2021	0.6	557	5	
February 16, 2021	0.6	557	5	
February 17, 2021	0.59	557	3	
February 18, 2021	0.6	557	3	
February 19, 2021	0.6	557	3	
February 20, 2021	0.6	557	3	
February 21, 2021	0.61	557	3	
February 22, 2021	0.61	Dam	3	
February 23, 2021	0.64	557	3	
February 24, 2021	0.66	557	3	
February 25, 2021	0.66	557	5	
February 26, 2021	0.65	557	5	
February 27, 2021	0.66	Dam	5	
February 28, 2021	0.66	Dam	5	

Figure 2: Water Level Chart