

Blind River GS Monthly Report – January 2021

Production

Unit #1 produced 29543.68 kWh in January. Unit #2 produced 31331.72 kWh in January.

Downtime

As mentioned in the previous report, it was suspected that turbine #1 had a wicket that had flipped around so the unit was off during the holidays. We inspected the unit on the 4th and found that the wicket had flipped around during an inspection. We had to dewater the turbine and open the side hatch to do the inspection. From the hatch we could see the position of the wickets and we used the underwater camera to adjust them. Once we flipped around the one wicket and closed up the rest, we sealed the side hatch, re-attached the tie rod end and started the unit.

Maintenance

- Over 130 hours onsite for log manipulation, adjusting the belts, adjusting the wickets, re-attaching the tie rod end, moving the head 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 0.71. We are to stay within these levels from January 1st to January 31st. We were under compliance from the 16th to the 20th, due to technical difficulties upstream, and we were over compliance briefly on the 26th.

We received no water level complaints in January.

Figure 1 is a graph of the water level from January 1st to January 31st. Figure 2 is the chart with the exact water levels and number of logs out.

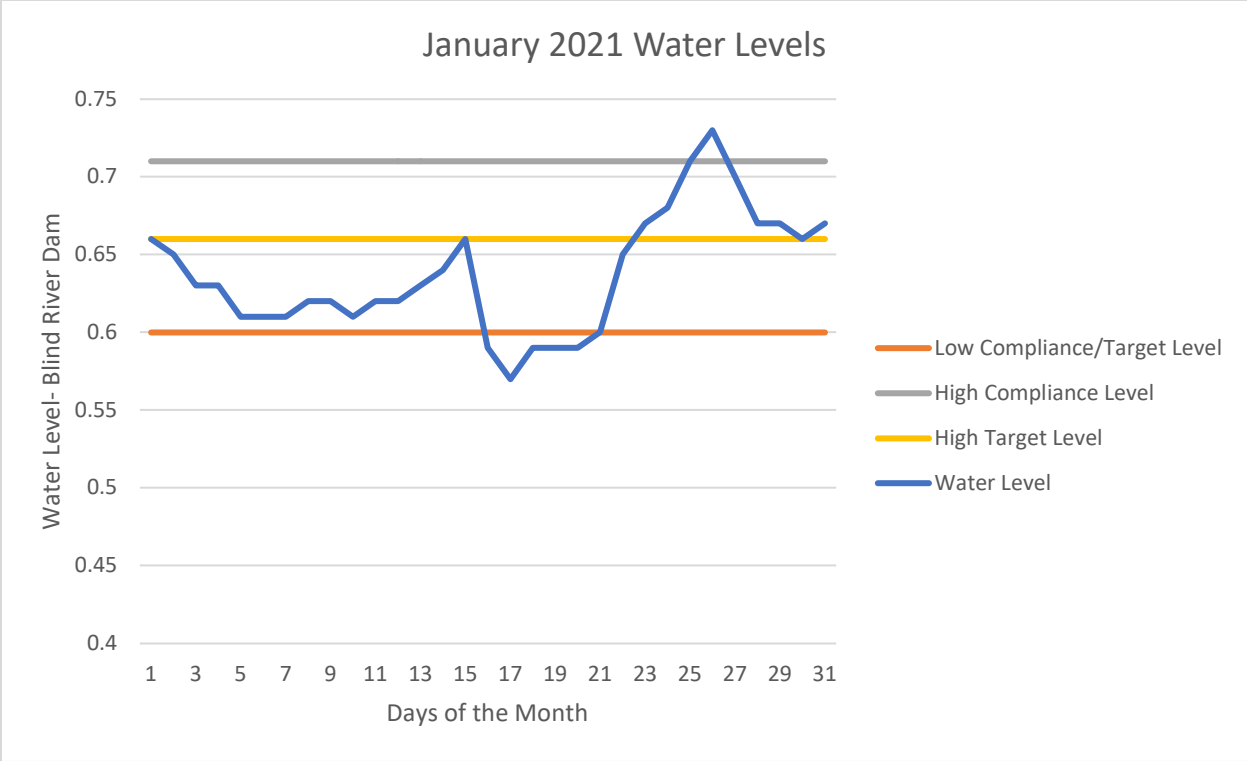


Figure 1: Water Level Graph

2021 MONTHLY WATER LEVEL LOG

Generating Station:	Town Dam		Month:	January
			WMP Compliance Range:	.60 to .71 mStaff
Date	Water Level	Ruler	Logs Out & Equivalent Flow	Comments/Actions
January 1, 2021	0.68	557	3	
January 2, 2021	0.65	557	3	
January 3, 2021	0.63	557	3	
January 4, 2021	0.63	557	2	
January 5, 2021	0.61	557	6	
January 6, 2021	0.61	557	6	
January 7, 2021	0.61	557	6.5	
January 8, 2021	0.62	557	6.5	
January 9, 2021	0.62	557	6.5	
January 10, 2021	0.61	557	6.5	
January 11, 2021	0.62	557	7	
January 12, 2021	0.62	557	7	
January 13, 2021	0.63	557	7	
January 14, 2021	0.64	557	7	
January 15, 2021	0.66	557	7	
January 16, 2021	0.59	557	7	
January 17, 2021	0.57	557	7	
January 18, 2021	0.59	557	5	
January 19, 2021	0.59	557	5	
January 20, 2021	0.59	557	5	
January 21, 2021	0.6	557	3	
January 22, 2021	0.65	557	5	
January 23, 2021	0.67	557	5	
January 24, 2021	0.68	557	5	
January 25, 2021	0.71	557	5	
January 26, 2021	0.73	557	6.5	
January 27, 2021	0.7	557	7	
January 28, 2021	0.67	557	6	
January 29, 2021	0.67	557	6	
January 30, 2021	0.66	557	6	
January 31, 2021	0.67	557	6	

Figure 2: Water Level Chart