

Blind River GS Monthly Report – February 2023

Production

Unit #1 (to Town Hall):

RGM: 00.00 kWh

RGM = Revenue Grade Meter

Unit #2 (to STP):

RGM: 21,013 kWh

Downtime

Unit #1 was down for the month.

Unit #2 was only offline briefly for maintenance during the month.

Maintenance

Over 62 hours onsite for regular maintenance service, included ice chipping and log pulls, and over 23 hours of on call coverage. A summary of the work completed includes:

- 1st – Alarm Test
- 8th – Gains and headgate for unit one was frozen over. Will open access to gains so we are ready for log adjustments.
- 13th – we measured the gauge of the wire to determine if it could support both turbines going to the STP. They would need to be resized to do so, and most likely ran above ground with at least a couple new poles installed.
- 15th - we cleaned the gutters on the powerhouse roof.
- 17th and 24th – we inspected the heat trace to ensure it was working.
- 28th – greasing was completed.
- Daily checks consisting of daily measurements and records, trash rack cleaning, observations, etc.

Repair Work

None completed.

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 0.68. We are to stay within these ranges from February 1st to March 31st.

We began the month 1cm over compliance as we transitioned from the January level and remained in compliance for the remainder of the month.

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 (or equivalent).

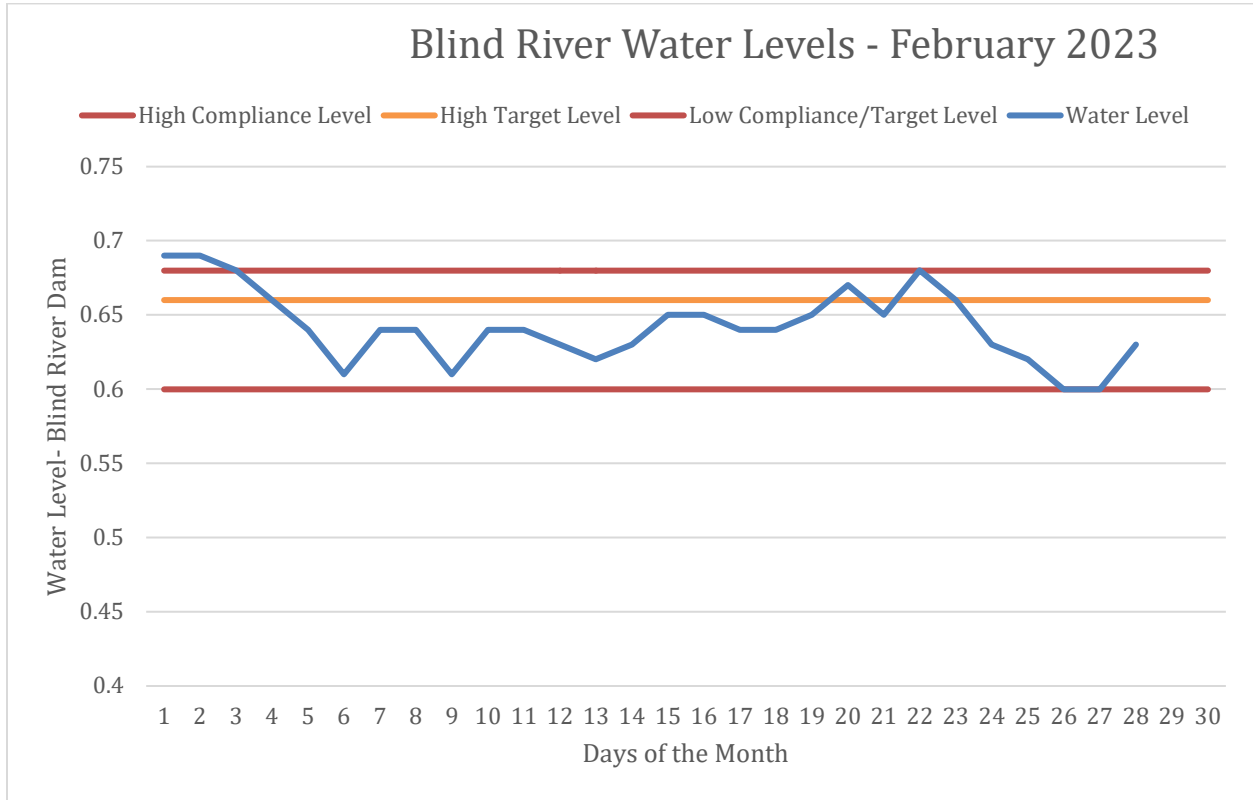


Figure 1: Water Level Graph

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, 2023	0.69	557	10.5	
February 2, 2023	0.69	557	11	
February 3, 2023	0.68	557	11	

February 4, 2023	.65-.68	557	11	very wavy
February 5, 2023	0.64	557	11	
February 6, 2023	0.61	Dam	11	
February 7, 2023	0.64	557	11	
February 8, 2023	0.64	557	11	
February 9, 2023	0.61	Dam	11	
February 10, 2023	0.64	557	11	
February 11, 2023	0.64	557	11	
February 12, 2023	0.63	557	11	
February 13, 2023	0.62	557	10.5	
February 14, 2023	0.63	557	10.5	
February 15, 2023	0.65	557	10.5	
February 16, 2023	0.65	557	10.5	
February 17, 2023	0.64	557	10.5	
February 18, 2023	0.64	557	10.5	
February 19, 2023	0.65	557	10.5	
February 20, 2023	0.67	557	10.5	
February 21, 2023	0.65	Dam	11	
February 22, 2023	0.68	557	11.5	
February 23, 2023	0.66	557	12.5	
February 24, 2023	0.63	557	13.5	
February 25, 2023	0.62	557	13.5	
February 26, 2023	0.6	557	12.5	
February 27, 2023	0.6	557	11.5	

February 28, 2023	0.63	557	11.5	
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Figure 2: Water Levels