

## E2157GXMPDUV: Site Walk: Duvha Power Station Cooling Water Pumps Control System PLC Upgrade TECHNICAL QUERY

	Query	Response
1	What is the sump maximum level?	2.5 meters
2	What is the pipe diameter of Pump bearings Cooling Water (CW) flow meters?	1 inch
3	What is the minimum and maximum flow rate of pumps bearing CW flow meter?	0.3 - 4 m/s
4	What is the cable route approximate distance?	see Figure 1 & 2 below
5	What is the size of the Pump House?	Approx. 40 meters, see Figure 3
6	Picture of the PLC cabinet internals	See Figure 4 below and Appendix 3 of the technical specification



Figure 1: Approximate cable route distance between Duvha North and South Pumphouse is 746 m



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Figure 2: Approximate distance from cable tunnel to marshalling PLC is 27 m



Figure 3: Duvha Pumphouse approximate diameter is 40 m



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Figure 4: Duvha CW Pump PLC cabinet