

Status of healthiness of Telemetry System installed at SLDC Control Centre, Shimla as on 15.01.2024 at 11:00 AM

Main Abstract

Sr. No.	Description	Total No.	Communication Protocol		Speech	Non-Reporting		
			IEC 101	IEC 104		IEC 101	IEC 104	Total
A	IPP's	48	4	44	Speech is not available due to non functioning of PUNCOM exchange and ORANGE exchange is yet to be interfaced with various RTU locations by HPSEBL.	1	11	12
B	HPPCL Stations	4	1	3		1	0	1
C	Open Access Consumers	9	1	8		1	0	1
D	HPPTCL Stations	13	1	12		0	0	0
E	HPSEB Stations	51	11	40		2	4	6
F	URTD SM	1	0	1		0	0	0
Grand Total		126	18	108		5	15	20

Status of Internet, Recording system, SMS Pack, Screens, SCADA, EMS & Communication System

		Remarks
i	SCADA Hardware	OK
ii	EMS (Energy Management System)	OK
iii	IMM (Information Model Management)	OK
iv	e-DNA (enterprise Distributed Network Architecture)	OK
v	Web Reporting	OK
vi	UI Server (User Interface)	OK
vii	ICCP Link (Inter centre Control Protocol)	OK

Entity-Wise Abstract
(Non Reporting of Data)

Sr. No.	Description	Communication		Remarks	Reason for Non Reporting
		Protocol	Media		
A	IPP's				
1	Brua SHEP (9 MW)	IEC 104	GPRS	Not Reporting since 18.11.2022	Switchyard partially damaged by flash flood. System is under maintenance. 07 Nos letter are already written for rectification.
2	Sarwari-III SHEP(2 MW)	IEC 104	GPRS	Not Reporting since 23.07.2022	
3	Satya Sai Hydro(3.8 MW)	IEC 104	GPRS	Not Reporting since 27.09.2021	
4	Siunn SHEP(2 MW)	IEC 104	GPRS	Not Reporting since 23.07.2021	
5	220/132 kV Chaur	IEC 101	PLCC/OPGW	Not Reporting since 07.04.2022	06 Nos letter are already written for rectification. 06 Nos letter are already written for rectification. PLCC Modem issue, 06 Nos. letter are already written to M/s Everest Power for rectification
6	Patikari HEP(16 MW)	IEC 104	GPRS	Not Reporting since 16.08.2023	Power House sub-merged in flash food due to heavy rain in monsoon season. BSNL fibre disconnected, hence BSNL lease line not working.
7	KK Kashyap Solar PP (5 MW)	IEC 104	GPRS	Not Reporting since 03.10.2023	
8	GR Enterprises Solar PP (1 MW)	IEC 104	GPRS	Not Reporting since 16.10.2023	RTU not functioning properly matter has been taken-up by Entity with OEM. Matter Taken up with the Gateway vendor for rectification.
9	Beas Kund Top (4.95 MW)	IEC 104	GPRS	Not Reporting since 28.12.2023	
10	Chandel Solar (0.5 MW)	IEC 104	GPRS	Not Reporting Since18.12.2023	Internet payment not done by entity. Power House sub-merged in flash food due to heavy rain in monsoon.
11	Kota Gad SHEP (3.5 MW)	IEC 104	GPRS	Not Reporting since 30.11.2023	
12	Selti Musrung (24 MW)	IEC 104	GPRS	Not Reporting since 25.04.2023	
B	HPPCL Stations				
1	Berra Dol Solar (5 MW)	IEC 101	GPRS	Not Reporting since 28.11.2023	HPPCL has takenup the issue with AMC vender for identifying and rectifying the fault.
C	Open Access Consumers				
1	132 kV Ultc, Bagga	IEC 101	PLCC	Not Reporting Since 18.10.2023	RTU and modem not functioning properly
D	HPSEBL Substations				
1	132 kV Baga	IEC 101	PLCC	Not Reporting Since 17.10.2023	RTU and modem not functioning properly RTU configuration is pending at HPSEBL end.
2	66 kV Davni	IEC 104	OPGW	Not Reporting since 29.08.2023	
3	Larji (126 MW)	IEC 101	OPGW	Not Reporting since 10.07.2023	The telemetry equipments of both Larji HEP is completely damaged due to submergence in muddy water by heavy flood on 09.07.2023 & 10.07.2023.
4	Rakkar (Una)(195 MW)	IEC 104	OPGW	Not Reporting Since 01.01.2024	
5	Baner (GS) (12 MW)	IEC 104	GPRS	Not Reporting since 25.09.2023	The Real-time data of Baner (GS) remains intermittent due to weak signal of Airtel & Ethernet port issues in Motorola make MBCS Ace 3600 RTU.
6	Chaba (GS) (1.75 MW)	IEC 104	GPRS	Not Reporting since 18.09.2023	The telemetry equipments of Chaba (GS) is completely damaged due to submergence in muddy water by heavy flood on 10.07.2023.

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