

Status of healthiness of Telemetry System installed at SLDC Control Centre, Shimla as on 06.01.2024 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	12	13
B	HPPCL Stations	4	1	3		1	1	2
C	Open Access Consumers	9	1	8		1	1	2
D	HPPTCL Stations	13	1	12		0	0	0
E	HPSEB Stations	51	11	40		3	4	6
F	URTDISM	1	0	1		0	0	0
Grand Total		126	18	108		6	18	23

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	Siunr 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	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.
7	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
8	Beas Kund Top (4.95 MW)	IEC 104	GPRS	Not Reporting since 28.12.2023	
9	KK Kashyap Solar PP (5 MW)	IEC 104	GPRS	Not Reporting since 03.10.2023	
10	Ikshvaku Solar (1 MW)	IEC 104	GPRS	Not Reporting since 26.12.2023	
11	Chandel Solar (0.5 MW)	IEC 104	GPRS	Not Reporting Since 18.12.2023	Matter Taken up with the Gateway vendor for rectification.
12	Kota Gad SHEP (3.5 MW)	IEC 104	GPRS	Not Reporting since 30.11.2023	
13	Selti Musrung (24 MW)	IEC 104	GPRS	Not Reporting since 25.04.2023	Power House sub-merged in flash food due to heavy rain in monsoon.
B	HPPCL Stations				
1	Kashang(195 MW)	IEC 104	GPRS	Not Reporting Today 06.01.2024	HPPCL has takenup the issue with AMC vender for identifying and rectifying the fault.
2	Berra Dol Solar (5 MW)	IEC 101	GPRS	Not Reporting since 28.11.2023	
C	Open Access Consumers				
1	66 kV Birla Textile, Baddi	IEC 104	GPRS	Not Reporting Since 13.12.2023	RTU and modem not functioning properly
2	132 kV Ultc, Bagga	IEC 101	PLCC	Not Reporting Since 18.10.2023	
E	HPSEBL Substations				
1	132 kV Baga	IEC 101	PLCC	Not Reporting Since 17.10.2023	RTU and modem not functioning properly
2	66 kV Davni	IEC 104	OPGW	Not Reporting since 29.08.2023	RTU and modem is pending at HPESBL end.
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.

Prepared by

Junior Engineer (SCADA)

Dated. 06.01.2024

Siemens Site Engineer

Assistant Engineer (SCADA)

Sr. Executive Engineer (SCADA),
HP State Load Despatch Centre,
Govt. of HP, SLDC Complex,
Totu, Shimla-11.