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400 KV Sub-Station Makhu

The Govt. of Punjab and State Transmission Utility had taken up the initiative to reduce transmission losses as well as to rationalise the loading of 220/132KV system of PSTCL. Hence the project of 400KV ring main transmission network as well as 5 No. 400KV Sub-Station was commenced in year 2010.

400KV Sub-Station Makhu is one of the important sub-station among all these sub-stations and it was commissioned on dated 17.01.2014. This Sub-Station was connected to three other 400KV sub-stations i.e. 400 KV Sub-Station Nakodar, 400 KV Sub-Station Mukatsar Sahib, 400 KV Sub-Station Balachak (PGCIL). The installed capacity of this sub-station is $2 \times 315 = 630$ MVA. i.e. two ICT's each having capacity of 315 MVA. The location of this sub-station was decided to give maximum relief to the adjacent 220/132 KV network. At present this sub-station is catering the power need of three 220KV sub-stations namely 220KV S/S Makhu, 220KV S/S Botiyaan wala and 220KV S/S Dharamkot. Otherwise in future it is going to be connected with 220 KV S/s Rashiyana and 220KV S/S Algon Kothi.



USE SOLAR POWER FOR DOMESTIC USE

Quarterly Progress of PSTCL (Jan-March 2015)

Sr.no	Description	Up to 31.12.2014	Up to 31.3.2015	Net progress during the quarter
1.	Sub- Station ending the year			
a)	400 KV	04	04	0
b)	220 KV	89	89	0
c)	132 KV	78	78	0
	Total	171	171	0
2.	Capacity in MVA			
a)	400 KV	2890.00	2890.00	0
b)	220 KV	21649.50	21942.00	292.50
c)	132 KV	6365.50	6393	27.50
	Total	30905.00	31225.00	320.00
3.	Transmission Lines (Ckt. Kms.)			
a)	400 KV	1570.734	1570.734	0.0
b)	220 KV	6732.523	6957.887	225.364
c)	132 KV	3200.228	3201.536	1.308
	Total	11503.485	11730.157	226.672

Three Days Residential Training Program for JEs and UDCs/ LDCs at Mahatma Gandhi State Institute of Public Administration, Chandigarh



The Residential Training program of two batches of JEs and two batches of UDCs/ LDCs for a batch of 25 participants each was successfully organized at Mahatma Gandhi State Institute of Public Administration, Chandigarh in the month of Feb. & March, 2015

Retirements (Jan-March, 2015)

PSTCL Wishes the following a Good Luck and Healthy Life

- Er. Manjit Singh retired as Dy.CE on 31st Jan, 2015
- Er. Satpal Singh retired as Dy.CE on 31st Jan, 2015
- Er. S.J. Choubey retired as Dy.CE on 28th Feb, 2015
- Er. Jiwan Kumar Singla retired as SE on 31st Jan, 2015
- Er. Rajinder Sharma retired as Addl.SE on 31st Jan, 15
- Er. R.S. Rahi retired as Sr.Xen on 28th Feb, 2015
- Er. Ramesh Pal Singh retired as Sr.Xen on 31st March, 15
- Er. Manjit Singh retired as AEE on 28th Feb, 2015
- Er. Joga Singh retired as AE on 31st March, 2015

WHEN IT IS BRIGHT, SWITCH OFF THE LIGHT

FAMILY ACHIEVEMENTS



Ms. Charvi Arora D/o. Er K K Arora ASE/ Civil, PSTCL has Secured 1st position in the state level round of INCA (Indian National Cartographic Association, Hyderabad) National Map quiz competition 2014, being organized by Survey of India.

Congratulations !



Dr. Amanjot Kaur D/o Er. Bhupinder Singh, AE/ Planning has got admission in M.D. in her maiden attempt by securing 5786 All India Rank in year 2015. She has completed her MBBS from Govt. Medical College, Amritsar in Dec, 2014

Congratulations !

What are Core Values ?

Core values are the beliefs and values that an organization hold dear. Core values emanate from the depths of an organization's soul. These are part of the fabric of the organization. These indicate the way organization treats its employees, the value it places on technical excellence or the way it behaves with regard to the external world and the environment. These are usually based on moral and ethical principles. All the owners, managers and workers should know what they are. These represent normative and desirable state rather than existing state.

What is purpose of core values ?

The purpose of core values is to establish common persistent shared values to help in keeping the organization focused. Values provide direction to the way of life in the organization. These bring about the value congruence between the personal values of the employees and the organizational core values. Organizations being a responsible corporate citizen, the core values demonstrate the conformity to the broader social and basic human values. These communicate to all the stakeholders what the organization stands for, so that they understand and positively view the values and take steps for actualization of the core values at individual, group and organizational level.



Best Employee Award :

PSTCL honored its Employees on the occasion of Republic day, 2015 and awarded them with Memento & Appreciation Letter.



The Republic Day 2015 celebrated at Officer's Flat, Patiala with great enthusiasm by PSTCL. Flag hoisting Ceremony done by Chief Guest Sh. Niraj Hit Abhilashi Tayal, Director/Administration. Er. Shashi Prabha, Director/Technical, was the Guest of Honor. This was followed by a cultural programme

Best Managed Transmission Line - 220KV Line RTP-G1, Mandi Gobindgarh



220KV Line RTP-G1, Mandi Gobindgarh (Circuit-1) was declared as Best Managed Transmission Line on the occasion of Republic day, 2015. This line was energized in the year 1984. This Line has 185 No. of towers of which 120 are A type, 37 are B type, 23 are C type and 5 are J type. The total length of line is 61 KM and size of the conductor is 0.4sq inch. Satluj river passes through in between tower no. 14-15 & 50-51 and Sarsa river passes in between tower no. 4-6. As this line passes through industrial area of Mandi Gobindgarh, so 924 No. discs on 22 No. towers are replaced with antifog discs to avoid the tripping during fog in the winter season. This line passes through hilly area in the Ropar region and 22 No. of towers are on the hills. So the maintenance of the line is a difficult

task but this line is being maintained twice a year by the hardworking staff in the guidance of AO&SDO/TL and cleaning of discs is being carried out every year at critical places where the pollution is high before the onset of winter season. This line has no tripping in the last year. At present sub division has 8 No. Linemans and 10 No. ALM's only and 1170 KM single circuit line length of 400/220/132KV lines is being maintained by the subdivision.

Game : SUDOKO

6	3		1					
			4		3	6	9	1
1			6					8
7				5	8			
				2	1	8	5	
2	8		1	4				
		5						3
				9	1	2		
6	8						1	

Best Managed Grid Substation - 220 KV Sub Station Jamsher



220 KV Sub Station Jamsher was commissioned in 9.9.1988. This Sub Station has 2 nos. 220/66 KV Transformers with 100 MVA capacity each, 1 no. 66/11 KV Transformer with 10/ 12.5 MVA and 1 no. 66/ 11 KV Transformer with 12.5 MVA capacity. This substation has 11 nos. 220 KV feeders and 5 nos. 66 KV feeders which are connected to various 220 KV and 66 KV substations and also has 12 nos. 11 KV outgoing feeders. The proper phase marking has been done at the Substation so that during the faults, phases can be identified easily. Besides this, to increase the reliability, the schedule maintenance has been done regularly at this substation.

FOR A BETTER TOMORROW, SAVE ENERGY TODAY.



Flag Hoisting ceremony at Shakti Sadan
The flag has been Hoisted at Shakti Sadan Building of PSTCL at Patiala and Flag Hoisting ceremony done by Er. Shashi Prabha, Director/ Technical on 23rd Jan, 2015.



Presentation on O & M of equipments and latest Technologies in Power Transmission & Energy Automation by Siemens at SLDC on 8th January, 2015

EFFECTS OF STRESS



28th Protection Sub-Committee meeting of NRPC was held at Ludhiana on dated 19th Dec, 2014. The issues related to protection of Northern Region were deliberated. All the constituent utilities/ Departments associated with Power Generation & Transmission Participated.



Director/ Admin, PSTCL visited the Patiala School for Deaf Blind, Vill. Saifidipur, Patiala on 25th Feb, 2015



Health Awareness Programme

A Seminar on Stress Management, Mind Control Ideas, Memory Improvement & Pain Management was organized on 18th Feb, 2015 at Shakti Sadan for employees of PSTCL.

Ans : SUDOKO

6	3	9	1	8	5	7	2	4
8	5	2	4	7	3	6	9	1
1	7	4	6	2	9	3	5	8
7	4	1	3	5	8	9	6	2
3	9	6	7	4	2	1	8	5
2	2	8	9	1	5	4	3	7
9	1	5	2	6	7	8	4	3
4	8	3	5	9	1	2	7	6
2	6	7	8	3	4	2	1	9

NOTE :

All the employees of PSTCL are requested to contribute in the Newsletter of PSTCL in following fields:

- a) Achievements made by the employees, their family members and children in different areas.
- b) Phrases/ quotes etc.

GLIMPSES



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