



PUNJAB STATE TRANSMISSION CORPORATION LTD.

Regd Office : PSEB HEAD OFFICE, THE MALL, PATIALA - 147001

NEWSLETTER

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For Internal use

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MESSAGE FROM CMD

During the last 5 years, we have been able to commission transmission projects across the State as per our plans and programmes. The most important achievement has been commissioning of the 400KV ring main transmission system with associated 220/132 KV system which has made our system stable and efficient resulting in uninterrupted supply of quality power to the load centres. The current paddy season has been a challenge for us because we were required to ensure 8 hours supply of power to the agriculture sector. The transmission system which we have built over the years has been able to meet the said requirement.

We have been implementing various best practices for the efficient functioning of the corporation. This endeavor will continue in future also. With these few words, I convey my best wishes to all the members of PSTCL family.



Umakanta Panda
CMD, PSTCL



National Award for Meritorious Performance 2013-14 by Ministry of Power, Government of India

Director/Technical and Chief Engineer/TS, PSTCL received the Gold Shield on 03.06.2015 from Sh. Piyush Goyal Hon'ble Minister of State, Power, Government of India, for early completion of 400KV Rajpura-Dhuri Double Circuit Transmission Line.

Quarterly Progress of PSTCL (April-June 2015)

Sr. No.	Description	Up to 31-3-15	Up to 31-6-15	Net progress during the Qtr.
1. Sub- Station ending the year				
a)	400 KV	04	04	0
b)	220 KV	89	90	1
c)	132 KV	78	77	-1*
Total		171	171	0
2. Capacity in MVA				
a)	400 KV	2890.00	2890.00	0
b)	220 KV	21942.00	22374.50	432.50
c)	132 KV	6393.00	6433.00	40.00
Total		31225.00	31697.50	472.50
3. Transmission Lines (Ckt. Kms.)				
a)	400 KV	1570.734	1570.734	0.0
b)	220 KV	6957.887	7026.699	68.812
c)	132 KV	3201.536	3201.536	0.0
Total		11730.157	11798.969	68.812

Foundation Day was celebrated jointly by PSTCL & PSPCL on 16th April, 2015. Retired officers of the Corporation in the rank of SE and above were honored on the occasion.

Sh. U.K. Panda, Hon'ble Director/ F&C, PSTCL, has taken the charge of CMD, PSTCL on 3rd June, 2015

*132 KV Abohar has been upgraded to 220 KV in May 2015.

Retirements (April - June, 2015)

PSTCL Wishes the following a Good Luck and Healthy Life

- Er. Shashi Prabha retired as Chief Engineer on 31st May, 2015
- Er. Jasbir Singh Mago retired as Sr.Xen on 31st May, 2015
- Er. Charan Singh retired as Sr.Xen on 31st May, 2015
- Er. Dharam Dev retired as AE on 30th April, 2015
- Er. Ranbir Singh Khaira retired as AE on 30th June, 2015
- Er. Rasal Chand retired as AE on 30th June, 2015

Quotes

Work for a cause,
 Not for applause..
 Live life to express,
 Not to Impress..
 Don't strive to make
 your presence noticed,
 Just make your absence felt.

Time is free
 But it's Priceless
 You can't own it,
 But you can use it.
 You can't keep it,
 But you can spend it.
 Once you've lost it,
 You can never get it back

When Life gives you a hundred reasons to cry,
 Show Life that you have a thousand reasons to smile.

What is a vision of an organization ?

Vision is a statement about what an organization wants to be. It makes members of the organization feel proud, excited, motivated, and part of something much bigger than themselves. The vision gives shape and direction to the organization's future.

PSTCL's Vision-what it means to us :

- Responding effectively to the events happening in & around it.
- Energetic at all the times to provide continuous quality supply.
- Continuously strategizing, monitoring & identifying the plans where alternate approaches are required and acting accordingly.
- Being responsive to any agencies which interact with it.
- Becoming an institution where all members are devoted and dedicated towards the success of the organization.

It is the need of the hour to be consistent with quality supply and for that emphasis be laid on becoming more proficient and resourceful.

The lesser you burn, the more you earn.

Testing & Sharing Knowledge

- 1 Reactance relay is normally preferred for protection against
 - A. Earth faults
 - B. Phase faults
 - C. Open circuit faults
 - D. None of the above
- 2 Bundled conductors are employed to improve the
 - A. Appearance of the transmission line
 - B. Mechanical stability of the line
 - C. Current carrying capability of the line
 - D. Corona performance of the line
- 3 Harmonics in transformer result in
 - A. Increased core losses
 - B. Increased I²R losses
 - C. Magnetic interference with communication circuits
 - D. All of the above
- 4 Power transformers are generally designed to have maximum efficiency around
 - A. No load
 - B. Half load
 - C. Near full load
 - D. 10% overload
- 5 Two transformers having unequal percentage impedance, when connected in parallel shall result in
 - A. Short-circuiting of the secondaries
 - B. Power factor of one of the transformers is leading while that of the other lagging
 - C. Transformers having higher copper losses will have negligible core losses
 - D. Loading of the transformers not in proportion to their kVA ratings.
- 6 In an SCR based converter, the free wheeling diode is used to
 - A. Add to the conduction current of thyristors
 - B. Oppose the SCR conduction
 - C. Conduct current during the OFF period of the SCR
 - D. Protect the SCR by providing a shunt path



Game : SUDOKO

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

MATH GRID

	+		÷		=	3
x		x		+		
	x		+		=	58
-		x		x		
	+		x		=	48
=		=		=		
41		90		56		

ONLY WHITE
BOXES TO BE
FILLED WITH
DIGITS

Energy saved today is asset for future

The Changing Face of Raksha Bandhan

Raksha Bandhan is a term from the Hindi language which means a relationship or an association based on protection. This is a festival which has a long standing Indian heritage. More commonly known as Rakhi, this Indian festival signifies the sacred bond of love between a brother and sister. This festival endears bonding between two siblings.

It is a day when brothers and sisters reaffirm their relation. The meaning of the festival is self explanatory, as Raksha in Indian parlance means protection and bandhan means a bonding. On this day sister ties a rakhi on her brothers wrist and brother in turn vows to protect his sister all through their lives.

The way, we celebrate this festival, has undergone many minor yet reflective changes over the period. Sisters now have the option of sending an online Rakhi to Brothers, if they happen to be settled outside the country or if they might be visiting another country on the day of the festival. Brothers can also send online Rakhi gifts to their sisters if they live outside the country. One doesn't even need to visit a market place for buying Rakhi gifts anymore. One can just look for a website that provides the services of sending Rakhi gifts, and order online by paying through a credit card or net banking.

In today's busy world, though the customs of Rakhi are the same almost everywhere but changes have taken place in the ways and trends of celebrating Rakhi. Unlike the past, now markets are flooded with rakhis in innumerable designs, shapes, sizes, colors and materials. The festival of Raksha Bandhan is being celebrated since times immemorial. But things have undergone a sea change.

Now the question is: Are we giving more weightage to the sanctity of this affectionate relationship by increasing the monetary value of the Rakhis. Shouldn't we give more importance to the affectionate feelings, love and togetherness?

Time to think about it Festivals are, after all, to celebrate togetherness.

Training Cell

Yoga Day was celebrated on 21st June, 2015 in Officers Club by Officers/Officials of PSTCL & PSPCL

Benefits of Yoga

- All-round fitness
- Weight loss
- Stress relief
- Inner peace
- Improved immunity
- Living with greater awareness
- Increased energy
- Better flexibility & posture
- Better intuition

Yoga – My

- * personal fitness mantra
- * weight-loss formula
- * mind soother
- * tool for better communication
- * creativity machine
- * doubt repeller
- * time planner



Ans : SUDOKO

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

ANS : MATH GRID

7	+ 2	-: 3	= 3
x	x	+	
6	x 9	+ 4	= 58
-	x	x	
1	+ 5	x 8	= 48
=	=	=	
41	90	56	

Ans : Testing & Sharing Knowledge

- 1 - B, 2 - D, 3 - D
4 - C, 5 - D, 6 - C

Races are not won by accelerating in top gear but they are won by changing the gear at the right time.

Live Green. Save Green