

# **ESTIMATES OF FINANCIAL RESOURCES**

**2013-14 (R.E.) & 2014-15 (ESTIMATES)**



**DEPARTMENT OF FINANCE  
PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

**Regd.Office: PSEB Head Office, The Mall, Patiala.**

# **C O N T E N T S**

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**Background Note:**

1. Punjab State Transmission Corporation Limited (PSTCL), a deemed transmission licensee, is engaged in the business of transmission of electricity in the state of Punjab and has been notified as a State Transmission Utility (STU). PSTCL commenced its operation from 16<sup>th</sup> April, 2010 after unbundling of PSEB pursuant to the Government of Punjab Notification No.196 dated 16.4.2010.  
Government of Punjab vide Notification dated 24.12.2012 further amended the above mentioned Transfer Scheme by appending thereto Opening Balance Sheet of PSTCL as on 16<sup>th</sup> April, 2010.
2. The aggregate value of the assets, transferred to and vested in PSTCL is fixed at Rs.4114.28 crores as on 16.04.2010. The value of assets and liabilities as on 16.04.2010 as per the above mentioned Notification, are as follows:-

<b>Assets</b>	<b>Rs. in Crore</b>	<b>FINANCED BY:</b>	<b>Rs. in Crore</b>
Gross Block	4,822.11	Equity Share Capital	605.83
Less: Accumulated Depreciation	1,032.91	Reserve	1,847.83
<b>Net Fixed Assets</b>	<b>3,789.20</b>	Capital Liabilities	887.06
Capital Expenditure in Progress	349.53	GPF & NPF Liability	173.24
Assets not in use	0.69	Short/Medium Term Loans	600.00
Deferred Cost	0.60	Payment due on Capital Liabilities	0.32
Total Current Assets (A)	161.79		
Total Current Liabilities (B)	187.53		
Net Current Assets (A-B)	(25.74)		
<b>Net Assets</b>	<b>4,114.28</b>	<b>Total Funds</b>	<b>4,114.28</b>

3. The annual accounts of the corporation for financial year 2010-11 & 2011-12 have been audited and the figures are as per audited accounts.
4. Figures of FY 2012-13 are as per Provisional accounts of the Corporation.
5. The Transmission Charges for FY 2013-14 are based on the tariff approved by PSERC and other revenue receipts/expenses are estimated on the basis of ARR petition of FY 2014-15 (Review of 2013-14).
6. The revenue receipts from transmission charges & expenditures for the financial year 2014-15 has been estimated broadly on the basis of ARR filed before PSERC.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

Proforma-I

**SUMMARY STATEMENT**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
1	<b>Installed Capacity(MW) at the end of the year (Details in Proforma-3)</b>						
	i) Hydel						
	ii) Steam		NOT APPLICABLE				
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total-1</b>						
2	<b>Gross Generation inclusive of auxiliary consumption(Mkwh)(details in Proforma-3)</b>						
	i) Hydel						
	ii) Steam		NOT APPLICABLE				
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total:2</b>						
3	Overall Plant Availability for Corporation (Thermal) (%)		NOT APPLICABLE				
4	Overall PLF of Corporation (Thermal) (%)		NOT APPLICABLE				

Proforma-I(Contd)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
5	Auxiliary Consumption (Mkwh) with % in brackets below :-						
	i) Hydel		NOT APPLICABLE				
	ii) Steam						
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total-5</b>						
6	Net Generation(2-5)(Mkwh)						
7	Power Purchased(Mkwh)						
	i) Purchase from Central Sector						
	ii) Purchase from IPPs/Private Sector						
	iii) Purchase from State Utility						
	iv) Purchase from others						
	<b>Total-7</b>						
8	Total Energy availability(6+7) (Mkwh)						
9	T&D Losses(Mkwh)						
	i) Transmission Losses						
	ii) Distribution Losses						
	<b>Total-9</b>						
10	% of T&D Losses (9 as of 8)						
11	Energy available for sale(Mkwh) (Details in Proforma-4)(Mkwh)		NOT APPLICABLE				
	i) Within State						
	ii) Outside the State						
	iii) Energy sale through trading/UI						
	<b>Total-11(i+ii+iii)</b>						
12	Av.rate for sale (Paise/Kwh)						
	i) Within State (Including Subsidy)						
	ii) Outside the State						
	iii) Energy sale through trading/UI						
	<b>Total-12</b>						

Proforma-I(Contd)  
(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
13	Revenue Receipts (Rs. Crore)						
	a) Revenue from Transmission Charges						
	i) Within the State	407.64	519.26	885.47	1266.02	1312.07	1611.35
	ii) Outside the State						
	iii) Trading/UI						
	Sub-Total:-(i+ii+iii)	407.64	519.26	885.47	1266.02	1312.07	1611.35
	b) Arrears						
	c) Subsidy for:-						
	i) Domestic consumers						
	ii) Agriculture consumers						
	iii) Other subsidies if any						
	Sub Total:(i+ii+iii)						
	d) FSA						
	e) Misc. Receipts*	19.80	33.29	23.76	2.68	16.06	8.10
		<b>427.44</b>	<b>552.55</b>	<b>909.23</b>	<b>1268.70</b>	<b>1328.13</b>	<b>1619.45</b>
14	Revenue Expenditure						
	i) Fuel (Details in proforma -5)			NOT APPLICABLE			
	ii) Power Purchased (Details in Proforma-6)			NOT APPLICABLE			
	iii) O&M Expenses ** (Details in Proforma-7)	26.92	45.00	68.09	109.60	69.55	84.09
	iv) Estt. & Admn. (Details in Proforma-7)	240.84	275.70	318.44	326.38	351.12	495.25
	v) Others	✧ 2.18	✧ ✧ 3.37	0.00			
	<b>Total :-14</b>	<b>269.94</b>	<b>324.07</b>	<b>386.53</b>	<b>435.98</b>	<b>420.67</b>	<b>579.34</b>

\* Including SLDC charges, Operating charges & OA charges

\*\* Inclusive of ULDC Charges

\*✧ Inclusive of preliminary expenses, amortization and other write offs.

✧ ✧ Prior Period Expenses/Losses.

Proforma-I(Contd)  
(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
15	Gross Operating Surplus(+)/Deficit(-) (13-14)	157.50	228.48	522.70	832.72	907.46	1040.11
16	Depreciation due	72.65	90.36	106.15	268.85	167.07	241.30
17	Net Operating Surplus(+)/Deficit(-) after Depreciation(15-16)	84.85	138.12	416.55	563.87	740.39	798.81
18	Interest Payable to Institutional Creditors						
	i) Market loans						
	ii) LIC Loans	29.07	26.15	21.55	17.10	17.10	12.59
	iii) REC Loans	6.38	17.81	56.22	321.93	169.23	320.14
	iv) PFC Loans						
	v) Other Loans (Including Banks)						
	-Non SLR Bonds						
	-Commercial Banks	74.18	30.22	26.00	18.38	19.10	12.63
	-W.C.L. & O.D.		11.65	7.65	45.05	15.00	20.00
	-Guarantee Fees		1.50	0.00	4.00		
	-Interest & Discount to Consumers.						
	-Other Interest including PSPCL, GPF, Prior etc.	13.97	90.80	104.72		107.07	93.48
	<b>Total:- 18</b>	<b>123.60</b>	<b>178.13</b>	<b>216.14</b>	<b>406.46</b>	<b>327.50</b>	<b>458.84</b>
19	Net Operating Surplus(+)/Deficit(-) after interest to Institutional Creditors (Loans) (17-18)	-38.75	-40.01	200.41	157.41	412.89	339.97
20	Interest due to State Govt.						
21	Commercial Profit(+)/Loss(-)with subsidy (19-20)	-38.75	-40.01	200.41	157.41	412.89	339.97
22	Commercial Profit(+)/Loss(-)without subsidy {(21-13(c)}	-38.75	-40.01	200.41	157.41	412.89	339.97
23	i) Interest actually paid to State Govt.						
	ii) Tax liability (MAT)*	17.72	-17.72	42.02		70.36	71.26
24	Retained Surplus(+)/Deficit(-) (19-23)	-56.47	-22.29	158.39	157.41	342.53	268.71

\* MAT figure of Rs. 70.36 Cr. is as on 15.09.2013 and is based on the projected profit & loss statement for the year ending 31.03.2014.

**Proforma-I(Contd)**  
**(Rs.Crore)**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
25	<b>INTERNAL RESOURCES</b>						
	i) Retained revenue Surplus(+)/Deficit(-)	-56.47	-22.29	158.39	157.41	342.53	268.71
	ii) Depreciation	72.65	90.36	106.15	268.85	167.07	241.30
	iii) Debt, Deposits & other receipts(net)	323.66	100.25	62.81	-216.54	-281.70	-201.16
	iv) Provident Fund/Pension Fund (net)						
	v) Consumers Contributions	0.00	0.00	0.00	8.60	0.00	0.00
	vi) Actual Subvention from Govt.						
	vii) Draw-down of inventory	-20.28	-32.05	-47.60	0.00	40.70	0.00
	viii) Draw-down of Cash balances/CC limit	-20.91	20.44	-2.91	0.00	0.00	0.00
	ix) Other, if any	22.26	-10.95	2.90			
	Gross (Internal Resources) at current rates of tariff (25)	<b>320.91</b>	<b>145.76</b>	<b>279.74</b>	<b>218.32</b>	<b>268.60</b>	<b>308.85</b>
26	Repayments of loans						
	i) LIC	40.92	40.91	40.92	40.92	40.92	40.91
	ii) REC	24.78	41.52	37.07	40.84	72.10	107.14
	iii) PFC						
	iv) To State Govt. if any						
	v) Others						
	-Commercial Banks	41.66	57.26	68.32	68.28	68.08	39.73
	-Discounting of Bills etc.						
	-W.C.L. & O.D.			100.00	0.00		
	-CSS Schemes & others*					96.30	121.07
	<b>Total :- 26</b>	<b>107.36</b>	<b>139.69</b>	<b>246.31</b>	<b>150.04</b>	<b>277.40</b>	<b>308.85</b>
27	Net Internal Resources at current rates Tariff.(25-26)	213.55	6.07	33.43	68.28	-8.80	0.00

\* Includes Repayment of Loans from PSPCL & GPF liability.



**Proforma-I(Contd)**  
**(Rs.Crore)**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
<b>28</b>	<b>Other Supporting Information:</b>						
	i) Net fixed assets in service at the beginning of the year (Rs.crore)	3789.20	4028.92	4073.31	2776.98	4559.89	5985.62
	ii) Cumulative depreciation at the beginning of the year (Rs.crore)	1032.91	1105.81	1197.33	1584.89	1303.43	1470.50
	iii) Cumulative depreciation at the end of the year(Rs.crore)	1105.81	1197.33	1303.43	1853.74	1470.50	1711.80
	iv) Break up of interest* due to State Govt. and Institutional Creditors at the end of the year on account of:-						
	(a) Works-in-progress	29.09	75.24	132.95	10.00	104.14	50.00
	(b) Completed works	123.60	166.48	208.49	406.46	312.50	438.84
	<b>Total:(a+b)</b>	<b>152.69</b>	<b>241.72</b>	<b>341.44</b>	<b>416.46</b>	<b>416.64</b>	<b>488.84</b>
	v) State Electricity Duty (SED) (assessed)						
	vi) State Electricity Duty (paise/unit) released from consumers who pay such duty						
	vii) State Duty per unit of total sales (Paise)						
	viii) No. of Employees of the Corporation at the end of the year						
	a) Technical	4032	3122	3211	4425	3368	3569
	b) Non Technical						
	ix) No. of employees per MW capacity						
	x) No. of consumers at the end of year						

\* excluding interest on Working Capital

(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
	xi) No. of employees per 1000 Consumers						
	xii) (a) Subsidy as claimed by SPU's at the end of the year						
	(b) Subsidy as received by SPU's at the end of the year						
	(c) Balance due						
	xiii) (a) Taxes levied by the State Govt. on the consumers in addition to tariff (Rs.crore).						
	(b) Tax levied per unit of energy sold(P/U)						
	<b>xiv) Wage Bill</b>						
	(a) For Technical Staff	232.32	263.65	300.16	283.76	323.82	462.06
	(b) For General Staff						
	xv) Outstanding interest due to State Govt. at the end of the year						
	xvi) Equity Capital, if any	605.88	605.88	605.88	328.50	605.88	605.88
	xvii) a. Date of last tariff revision (indicate the date in each year)	09.05.2011	16.07.2012	10.04.2013	---	10.04.2013	
	b. Tariff awarded by PSERC	401.97	491.45	830.01		1269.64	
	(Category wise tariff details as per tariff award to be given in proforma 10)						
	xviii) Revenue arrears at the end of the year						
	(a) Amount realizable excluding Bad debts	0.14	40.91	164.10		237.37	294.32
	(b) As% of sales revenue of the year	0.03%	7.88%	18.53%		18.09%	18.27%
	(c) Arrears of Central Govt./State Govt. offices/Undertakings						
	(d) Arrears from Bulk/Other Consumers						
	(e) Arrears under dispute in the courts						
	xix) Tax on income, if any (MAT)			42.02	0.00	70.36	71.26

Proforma-I(Contd)  
(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
	<b>xx) Loan outstanding at the end of the year:</b>						
	(a) State Govt.						
	(b) Market loan						
	(c) LIC loan	261.38	220.47	179.55	138.63	138.63	97.72
	(d) REC loan	523.95	1140.93	1932.20	3135.08	2734.13	3293.60
	(e) PFC loan						
	(f) Other Loans (Including Banks)						
	-Non SLR Bonds						
	-Others (including PSPCL, GPF loan,o/s Capital liabilit	786.82	917.54	1012.36		916.06	794.99
	-Commercial Banks	269.05	261.55	193.23	125.28	125.15	85.42
	-Working Capital Loans & OD		109.67	48.52	0.00	4.10	29.35
	<b>Total:(a to f)</b>	<b>1841.20</b>	<b>2650.16</b>	<b>3365.86</b>	<b>3398.99</b>	<b>3918.07</b>	<b>4301.08</b>
	<b>xxi) Inventory on revenue(Maintenance) account at the end of the year</b>						
	(a) Coal						
	(b) Oil						
	(c) Others	101.05	133.10	180.70	91.10	140.00	140.00
	<b>(d) Total:</b>	<b>101.05</b>	<b>133.10</b>	<b>180.70</b>	<b>91.10</b>	<b>140.00</b>	<b>140.00</b>
	(e) % of Inventory to Sales Revenue of the year	24.79	25.63	20.41	7.20	10.67	8.69
	xxii) Amount due from other Boards/Agencies						
	xxiii) Equity Capital , if any during the year						

**Proforma-I(Contd)**  
**(Rs.Crore)**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
	<b>xxiv) Loan sanctioned (&amp; received) during the year</b>						
	a) State Govt.						
	b) Market Borrowings						
	c) LIC						
	d) REC	274.68	658.50	828.34	999.98	874.03	666.61
	e) PFC						
	f) Others						
	-Banks		49.76				
	-Others (including PSPCL, GPF loan,o/s Capital liabilit	13.25	131.15	94.82			
	-WCL (Net)		109.67	38.85		-44.42	25.25
	<b>Total:</b>	<b>287.93</b>	<b>949.08</b>	<b>962.01</b>	<b>999.98</b>	<b>829.61</b>	<b>691.86</b>
	<b>xxv) No. of rural household electrified</b>						
	a) RGGVY						
	b) Non-RGGVY		NOT APPLICABLE				
	c) BPL						
	d) No. of villages un-electrified						
	e) No. of household un-electrified						

Note : Wherever actual figures are not available, projections may be given.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Financing of Capital Expenditure**

Proforma-2  
(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
<b>1</b>	<b>Block Capital</b>						
	(a) Capital employed at the beginning of the year:						
	i) On Completed Works	4822.11	5134.73	5270.64	4361.87	5863.32	7456.12
	ii) On Works-in-progress	349.53	538.39	1247.96	569.02	1611.87	771.33
	(b) Capital employed during the year						
	i) On Completed Works	312.62	135.91	592.68	1464.75	1592.80	1400.87
	ii) On Works-in-progress(-ve means Asset capitalized)	188.86	709.57	363.91	-456.17	-840.54	-571.32
	<b>(c) Total: (a+b)</b>	<b>5673.12</b>	<b>6518.60</b>	<b>7475.19</b>	<b>5939.47</b>	<b>8227.45</b>	<b>9057.00</b>
<b>2</b>	<b>Financing of Capital Expenditure</b>						
	(a) State Govt. Grants (APDRP/RGGVY etc.)						
	(b) i) State Govt. loans (Gross)						
	ii) Repayments, if any						
	iii) Net Loans (i-ii)						
	(c) i) Market Borrowings (Gross)						
	ii) Repayments, if any						
	iii) Net Loans(i-ii)						
	(d) i) Borrowings from LIC (Gross)						
	ii) Repayments, if any	40.92	40.91	40.92	40.92	40.92	40.91
	iii) Net Loans(i-ii)	-40.92	-40.91	-40.92	-40.92	-40.92	-40.91
	(e) i) Borrowings from REC (Gross)	274.68	658.50	828.34	999.98	874.03	666.61
	ii) Repayments, if any	24.78	41.52	37.07	40.84	72.10	107.14
	iii) Net Loans(i-ii)	249.90	616.98	791.27	959.14	801.93	559.47
	(f) i) Borrowings from PFC (Gross)						
	ii) Repayments, if any						
	iii) Net Loans(i-ii)						
	(g) i) Term loan from Banks (Gross)	0.00	49.76	0.00	0.00	0.00	0.00
	ii) Repayments, if any	41.66	57.26	68.32	68.28	68.08	39.73
	iii) Net Loans (i-ii)	-41.66	-7.50	-68.32	-68.28	-68.08	-39.73

Proforma-2 (contd)  
(Rs.Crore)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
	(h) i) Others (including PSPCL & GPF) (Gross)	13.25	131.15	94.82	0.00	0.00	0.00
	ii) Repayments, if any	0.00	0.00	0.00	0.00	96.30	121.07
	iii) Net Loans (i-ii)	13.25	131.15	94.82	0.00	-96.30	-121.07
	<b>Total 2:-</b>						
	i) Borrowings (Gross)	287.93	839.41	923.16	999.98	874.03	666.61
	ii) Repayments	107.36	139.69	146.31	150.04	277.40	308.85
	iii) Net Loans (i-ii)	180.57	699.72	776.85	849.94	596.63	357.76
3	Total Capital receipts for financing the Capital Expenditure	287.93	839.41	923.16	999.98	874.03	666.61
4	a) Internal Resources (after providing for repayment of loans & provision of tax)	213.55	6.07	33.43	68.28	-8.80	0.00
	b) Excess Transmission Charges received from PSPCL						
5	Total resources for Capital Expenditure (3+4)	501.48	845.48	956.59	1068.26	865.23	666.61
6	Capital Expenditure:-						
	i) Plan	501.48	845.48	956.59	1008.58	850.13	642.17
	ii) Outside the Plan					15.10	24.44
	<b>Total- 6</b>	501.48	845.48	956.59	1008.58	865.23	666.61
7	<b>Capital Structure</b>						
	i) a) Equity portion	605.88	605.88	605.88	328.50	605.88	605.88
	b) Reserves and Surplus	1794.97	1778.31	1938.69		2281.22	2549.93
	ii) Loan portion	1841.20	2540.49	3317.34	3398.99	3913.97	4271.73
	iii) Debt Equity ratio before conversion of loan to equity						
	vi) Loan converted into equity						
	v) Debt Equity ratio after conversion	0.77	1.07	1.30	10.35	1.36	1.35
8	Equity diluted in the year						
9	Share held by the State Govt.after dilution	605.88	605.88	605.88	328.50	605.88	605.88

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Performance of Generating Stations**

**PROFORMA-3**  
**Installed Capacity: IC:MW**  
**Energy Generation:EG(Gross):Mkwh.**  
**Cost of Generation at bus bar**  
**Plant Availability:PA: %**  
**Plant Load Factor:PLF: %**

Sr. No.	Name of Power Station	2010-11 (Actual)					2011-12 (Actual)					2012-13 (Actual)				
		IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF	IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF	IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
I	<u>THERMAL</u>	NOT APPLICABLE					NOT APPLICABLE					NOT APPLICABLE				
	Total( I )															
II	<u>HYDEL</u>	NOT APPLICABLE					NOT APPLICABLE					NOT APPLICABLE				
	Total( II )															
	Total( I+II )															

**PROFORMA-3 (Contd)**  
**Installed Capacity: IC:MW**  
**Energy Generation:EG(Gross):Mkwh.**  
**Cost of Generation at bus bar**  
**Plant Availability:PA: %**  
**Plant Load Factor:PLF: %**

Sr. No.	Name of Power Station	2013-14 (BE)					2013-14 (RE)					2014-15 (Annual Plan)				
		IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF	IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF	IC	EG	Cost of Gen. (Rs./Kwh)	PA	PLF
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
I	<u>THERMAL</u>	NOT APPLICABLE					NOT APPLICABLE					NOT APPLICABLE				
	Total( I )															
II	<u>HYDEL</u>	NOT APPLICABLE					NOT APPLICABLE					NOT APPLICABLE				
	Total( II )															
	Total( I+II )															



**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN-2014-15**

Proforma-4

Categorywise Energy sale/average rate per unit and Revenue  
(Including fuel srcharge recovery but excluding State Electricity Duty)

Average Rate:AR(Paise/Kwh)  
Revenue :RV:(Rs.Crore)

Energy sold:ES:(Mkwh)

Sr. No.	Category of Consumers	2010-11 (Actual)				2011-12 (Actual)				2012-13 (Actual)			
		Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con- sumers	Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con- sumers	Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con- sumers
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic												
2	Commercial												
3	Public Lighting												
4	Irrigation & Water												
5	Public Water works & Sewage Pumping												
6	<b>Industries:</b>												
	i) L.T.												
	ii) H.T.												
	iii) Power Intensive Industry												
	<b>Total 6</b>												
7	Railway Traction												
8	Others (including Bulk Supply)												
9	<b>Total Within State (1 to 8)</b>												
10	Out side the State												
	<b>Grand Total</b>												

Proforma-4(Contd)

Sr No	Category of consumers	2013-14 (Estimates)				2013-14 (Revised Estimates)				2014-15 (Annual Plan)			
		Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate (Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic												
2	Commercial												
3	Public Lighting												
4	Irrigation & Water												
5	Public Water works & Sewage Pumping												
6	<b>Industries:</b>												
	i) L.T.												
	ii) H.T.												
	iii) Power Intensive Industry												
	<b>Total 6</b>												
7	Railway Traction												
8	Others (including Bulk Supply)												
9	<b>Total Within State (1 to 8)</b>												
10	Out side the State												
	<b>Grand Total</b>												

Note:- Please also indicate % of total sales & revenue received under each category in Brackets.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Expenditure on Fuel**

PROFORMA-5  
 MT : Metric Tone  
 ML : Milli Litre  
 KL : Kilo Litre

Sr No	Year	Name of Thermal Station	Energy Generation (Mkwh)	Consumption				Cost		Total Fuel Cost			Cost/Kwh(Pasie)			
				Coal MT Total	Oil Kg/ Kwh	Oil KL Total	ML/ Kwh	Coal (Rs.per MT)	Oil (Rs.per KL)	Coal	Oil	Total	Coal	Oil	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	2010-11 Actuals			NOT APPLICABLE												
2	2011-12 Actuals			NOT APPLICABLE												
3	2012-13 Actuals			NOT APPLICABLE												
4	2013-14 BE			NOT APPLICABLE												
5	2013-14 (Revised Estimates)			NOT APPLICABLE												
6	2014-15 Annual Plan			NOT APPLICABLE												

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Revenue Expenditure-Cost of Power Purchased**

**PROFORMA-6**  
**Purchase:Mkwh**  
**Rate :Paise/Kwh**  
**Total Cost:Rs.Crore**

Sr. No.	Source	2010-11 (Actuals)			2011-12 (Actuals)			2012-13 (Actuals)											
		Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)									
1	2	3	4	5	6	7	8	9	10	11									
1	Central Sector (i) Generation Charges (ii) Transmission/UI Charges	NOT APPLICABLE																	
2	State Sector (other State) (i) Generation Charges (ii) Transmission/UI Charges																		
3	State Sector (Owned utilities) (i) Generation Charges (ii) Transmission/UI Charges																		
4	Private Sector (i) Generation Charges (ii) Transmission/UI Charges																		
5	Renewable (i) Central Sector (ii) State Sector (iii) Private Sector																		
<b>Total:</b>																			

PROFORMA-6 (Contd..)

Sr. No.	Source	2013-14 (BE)			2013-14 (RE)			2014-15 (Annual Plan)											
		Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/Kwh)	Total Cost (Rs.Cr.)									
1	2	3	4	5	6	7	8	9	10	11									
1	Central Sector (i) Generation Charges (ii) Transmission/UI Charges	NOT APPLICABLE																	
2	State Sector (other State) (i) Generation Charges (ii) Transmission/UI Charges																		
3	State Sector (Owned utilities) (i) Generation Charges (ii) Transmission/UI Charges																		
4	Private Sector (i) Generation Charges (ii) Transmission/UI Charges																		
5	Renewable (i) Central Sector (ii) State Sector (iii) Private Sector																		
<b>Total:</b>																			

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED  
ANNUAL PLAN 2014-15**

Revenue Expenditure , Operating & Maintenance /  
Establishment and Administrative Charges

PROFORMA-7  
(Rs. Crore)

Sr. No.	Component of Expenditure	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
<b>I</b>	<b><u>Operating &amp; Maintenance</u></b>						
1	Base Level expenditure of the previous year	16.33	27.89	45.00	64.07	45.85	54.43
2	Normal Annual Increase			4.50	6.41	4.58	5.44
3	Increase due to commissioning of new units/lines( to be specified)			4.68	27.41	4.00	6.61
4	Others items*	10.59	17.11	13.91	11.71	15.12	17.61
5	<b>Total:</b>	<b>26.92</b>	<b>45.00</b>	<b>68.09</b>	<b>109.60</b>	<b>69.55</b>	<b>84.09</b>
6	Cost per unit of sale (Paise/Kwh sold)						
<b>II</b>	<b><u>Establishment &amp; Admn.Charges</u></b>						
1	Base level expenditure of the previous year	110.88	110.88	125.92	175.09	138.74	153.55
2	Normal Annual Increase		3.92	4.38	5.47	5.37	6.52
3	Increase due to commissioning of new units/lines (to be specified)		2.68	6.89	35.71	8.29	12.07
4	Increase due to D.A. ^ / Pay revision		15.26	13.08	31.34	14.72	17.15
5	Other items **	129.96	142.96	168.17	78.77	184.00	305.96
6	<b>Total ^^</b>	<b>240.84</b>	<b>275.70</b>	<b>318.44</b>	<b>326.38</b>	<b>351.12</b>	<b>495.25</b>
	Wage Bill	<b>232.32</b>	<b>263.65</b>	<b>300.16</b>	<b>283.76</b>	<b>323.82</b>	<b>462.06</b>
7	Cost per unit of sale(Paise/Kwh Sold)						
	Installed Capacity (MW)	6409.00	6689.00	7953.00	13385.35	9418.00	12946.72
	Cost Rs./Mw/month	31315.34	34347.54	33366.58	20319.48	31068.17	31877.44

\* Including ULDC charges

\*\* Including terminal benefits

^ No. of Installments of DA may kindly be indicated in brackets.

^^ Wage Bill may be indicated below in brackets.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**Resource Discussion ANNUAL PLAN 2014-15**  
**Rate of Return on Net Fixed Assets**

PROFORMA-8  
(Rs. Crore)

Sr. No.	Component of Expenditure	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
<b>A</b>	<b>INCOME</b>						
	Revenue Receipts from:						
	1) Electricity Sales (Transmission Charges)	407.64	519.26	885.47	1266.02	1312.07	1611.35
	2) Misc. Revenue	19.80	33.29	23.76	2.68	16.06	8.10
	3) Subsidy (Agriculture consumers)						
	4) Other Subsidy, if any						
	<b>Total: A</b>	<b>427.44</b>	<b>552.55</b>	<b>909.23</b>	<b>1268.70</b>	<b>1328.13</b>	<b>1619.45</b>
<b>B</b>	<b>EXPENDITURE</b>						
	1. Fuel						
	2. Purchase of Power						
	3. Operation & Maintenance	26.92	45.00	68.09	109.60	69.55	84.09
	4. Establishment & Administration Expenditure	240.84	275.70	318.44	326.38	351.12	495.25
	5. Depreciation	72.65	90.36	106.15	268.85	167.07	241.30
	6. Other Misc. Expdr.	2.18	3.37	0.00	0.00	0.00	0.00
	<b>Total:B</b>	<b>342.59</b>	<b>414.43</b>	<b>492.68</b>	<b>704.83</b>	<b>587.74</b>	<b>820.64</b>
<b>C</b>	<b>Operating Income (A-B)</b>	<b>84.85</b>	<b>138.12</b>	<b>416.55</b>	<b>563.87</b>	<b>740.39</b>	<b>798.81</b>
<b>D</b>	<b>Interest due</b>						
	a) To Financial Institutions	123.60	178.13	216.14	406.46	327.50	458.84
	b) To State Govt.						
	<b>Total:D</b>	<b>123.6</b>	<b>178.13</b>	<b>216.14</b>	<b>406.46</b>	<b>327.50</b>	<b>458.84</b>
<b>E</b>	<b>Net Surplus/Deficit(C-D)</b>	<b>-38.75</b>	<b>-40.01</b>	<b>200.41</b>	<b>157.41</b>	<b>412.89</b>	<b>339.97</b>
<b>F</b>	<b>Value of net fixed assets employed at the beginning of the year</b>	<b>3789.20</b>	<b>4028.92</b>	<b>4073.31</b>	<b>2776.98</b>	<b>4559.89</b>	<b>5985.62</b>
<b>G</b>	<b>Rate of Return(%)</b>	<b>-1.02</b>	<b>-0.99</b>	<b>4.92</b>	<b>5.67</b>	<b>9.05</b>	<b>5.68</b>
<b>H</b>	<b>Increase in Average tariff required (Paise/Kwh) to obtain</b>						
	a) % Rate of Return						
	b) 3 % Rate of Return						

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Outstanding dues to the Central Undertakings & others**

**PROFORMA -9**  
**(Rs. Crore)**

Sr. No.	Name of the Undertakings	Dues Upto 31.3.13	Dues from 01.04.2013 to 31.03.2014	Outstanding dues as on 31.10.13 (or whichever is the latest figures available)
1	2	3	4	5
1	Central Undertakings	nil	nil	nil
i)				
ii)				
2	Banks / FI	2353.50	648.51	2620.17
3	Others	1012.36	-96.30	950.10
	<b>Total</b>	<b>3365.86</b>	<b>552.21</b>	<b>3570.27</b>



**PUNJAB STATE ELECTRICITY BOARD**  
**Annual Plan 2014-15**  
**Electricity Consumption\***

PROFORMA-10  
(Million Kwh)

Sr. No.	Item	2010-11		2011-12 (Actual)		2012-13(Actual)		2013-14 (B.E.)		2013-14 (R.E.)		2014-15 (Annual Plan)	
		# Rate (Paise/ Kwh)	Unit* (MU)	# Rate (Paise/ Kwh)	Unit* (MU)	# Rate (Paise/ Kwh)	Unit* (MU)	# Rate (Paise/ Kwh)	Unit* (MU)	# Rate (Paise/ Kwh)	Unit* (MU)	# Rate (Paise/ Kwh)	Unit* (MU)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic												
2	Commercial												
3	Agriculture												
4	A) Industry LT b) Industry HT Total Industry			NOT APPLICABLE									
5	Railways												
6	Others												
	<b>Total:(1 to 6)</b>												
7	Outside the State												
	<b>Grand Total</b>												

Note:-

\* Please give percenatge within brackets.

# Category wise tariff rate as approved by the State Electricity Regulatory Commssion.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**PRIVATE SECTOR POWR PROJECTS**

Proforma - 11

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Budgeted Estimates	2013-14 Revised Estimates	2014-15 Annual Plan Estimates
1	2	3	4	5	6	7	8
1	Name(s) of Project	NOT APPLICABLE					
2	Installed Capacity (MW)						
3	Type of Fuel						
4	Estimated Cost (Rs. Crores)						
5	Expected Generation (Mkwh)Per Annum						
6	Status Project (Signing of MOUS/Power Purchase Agreements(PPA) Any other information)						
7	Resons of Delay (if any)						
8	Cost of Generation (Paise/Kwh)						
9	PLF as per PPA(%)						

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

**ANNUAL PLAN 2014-15**

**Efficiency Improvements**

**Proforma-12**

Sr. No.	Item	Unit	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14	2013-14	2014-15
						Budgeted Estimates	Revised Estimates	Annual Plan Estimates
1	2	3	4	5	6	7	8	9
<b>A</b>	i) Total Energy Input*	(MU)						
	ii) Energy Billed	(MU)						
	iii) Billing Efficiency (ii)/(i)x100	(%)						
	iv) Actual Energy Billed	(Rs.Crore)						
	v) Actual Revenue Realised from sale of Power	(Rs.Crore)						
	vi) Collection efficiency (v)/(iv)x100	(%)			Not Applicable			
	vii) AT&C Losses {1-[(iii)/100x(vi)/100]x100}	(%)						
	viii) Reduction in AT&C Losses	(%)						
<b>B</b>	i) T&D Losses #	(%)						
	ii) Reduction in T&D Losses	(%)						
<b>C</b>	i) Level of Cash Losses of PSTCL (Net of increase attributable to tariff revision)	(Rs.Crore)						
	ii) Reduction of Cash Losses of PSTCL as compared to previous year	(Rs.Crore) (%)						

\* The total energy input should be same as total energy availability given under item (8) in Proforma-1.

# The T & D losses should be same as under item (10) in Proforma-1.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**Resources Discussions Annual Plan 2014-15**

Proforma -13  
(Rs. Crore)

Sr No.	Description	11th Plan Actual Expenditure		12th Plan Proposed Outlay		2013-14 Proposed Outlay		2013-14 Revised Estimate Outlay		2014-15 Proposed Outlay	
		Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan
		3	4	5	6	7	8	9	10	11	12
1	Generation Schemes										
2	Renovation & Modernisation										
3	Transmission			3426.39		1008.58		850.13	15.10	642.17	24.44
4	Distribution										
5	Rural Electrification										
6	Misc. Schemes										
7	<b>Total</b>			<b>3426.39</b>		<b>1008.58</b>		<b>850.13</b>	<b>15.10</b>	<b>642.17</b>	<b>24.44</b>

Note

- i) The total of the approved and actual plan outlay should tally the sector-wise break-up furnished by the State Govt.
- ii) The outlay and expenditure details are to be given for both Plan and outside Plan separately.