

# **ESTIMATES OF FINANCIAL RESOURCES**

## **2014-15 (R.E.) & 2015-16 (ESTIMATES)**



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

Regd. Office: PSEB Head Office, The Mall, Patiala-147001, Punjab, India.

Corporate Identity Number: U40109PB2010SGC033814, Ph/Fax No.: 0175-2206523, E-mail: [fa@pstcl.org](mailto:fa@pstcl.org), website: [www.pstcl.org](http://www.pstcl.org)

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**Background Notes:**

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).
2. The annual accounts of the corporation for financial year 2011-12 & 2012-13 have been audited and the figures are as per audited accounts.
3. Figures of FY 2013-14 are as per Provisional accounts of the Corporation.
4. Figures of FY 2014-15 are based on the Annual Financial Statement approved by BODs.
5. The revenue receipts from transmission charges (which includes revenue gap/carrying cost of previous years) & expenditures (O&M on normative basis) for the financial year 2015-16 has been estimated broadly on the basis of ARR filed before PSERC.

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

Proforma-I

**SUMMARY STATEMENT**

<b>Sr. No.</b>	<b>Item</b>	<b>2011-12 Actual</b>	<b>2012-13 Actual</b>	<b>2013-14 Provisional</b>	<b>2014-15 Budgeted Estimates</b>	<b>2014-15 Revised Estimates</b>	<b>2015-16 Annual Plan Estimates</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
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	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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 (Paisa/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	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	519.26	885.47	1316.47	1611.35	895.66	1859.79
	ii) Outside the State						
	iii) Trading/UI						
	Sub-Total:-(i+ii+iii)	519.26	885.47	1316.47	1611.35	895.66	1859.79
	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*	33.29	27.53	29.05	8.10	✧ 84.34	11.50
		<b>552.55</b>	<b>913.00</b>	<b>1345.52</b>	<b>1619.45</b>	<b>980.00</b>	<b>1871.29</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)	45.00	68.14	54.65	84.09	58.49	146.06
	iv) Estt. & Admn. (Details in Proforma-7)	275.70	319.80	371.90	495.25	414.42	454.75
	v) Others ✧ ✧	3.37	3.33	27.06		3.85	
	<b>Total :-14</b>	<b>324.07</b>	<b>391.27</b>	<b>453.61</b>	<b>579.34</b>	<b>476.76</b>	<b>600.81</b>

\* Including SLDC charges, Operating charges & OA charges

\*\* Inclusive of ULDC Charges

✧ Includes Rs 39.05 Cr receivable from Govt. of Punjab as per orders of PSERC

✧ ✧ Prior Period Expenses/Losses, CSR Expenses

Proforma-I(Contd)  
(Rs.Crore)

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 Annual Plan Estimates
1	2	3	4	5	6	7	8
15	Gross Operating Surplus(+)/Deficit(-) (13-14)	228.48	521.73	891.91	1040.11	503.24	1270.48
16	Depreciation due	90.36	105.45	134.55	241.30	187.45	234.56
17	Net Operating Surplus(+)/Deficit(-) after Depreciation(15-16)	138.12	416.28	757.36	798.81	315.79	1035.92
18	Interest Payable to Institutional Creditors						
	i) Market loans						
	ii) LIC Loans	26.15	21.55	17.10	12.59	12.60	8.11
	iii) REC Loans	17.81	55.36	118.00	320.14	273.52	327.86
	iv) NABARD Loans						3.85
	v) Other Loans (Including Banks)						
	-Non SLR Bonds						
	-Commercial Banks	30.22	26.00	19.34	12.63	12.62	14.57
	-W.C.L. & O.D.	11.65	7.65	4.05	20.00	29.31	57.38
	-Guarantee Fees	1.50	0.00	0.00		2.50	
	-Interest & Discount to Consumers.						
	-Other Interest including PSPCL, GPF etc.	90.80	104.92	108.50	93.48	93.26	79.73
	<b>Total:- 18</b>	<b>178.13</b>	<b>215.48</b>	<b>266.99</b>	<b>458.84</b>	<b>423.81</b>	<b>491.50</b>
19	Net Operating Surplus(+)/Deficit(-) after interest to Institutional Creditors (Loans) (17-18)	-40.01	200.80	490.37	339.97	-108.02	544.43
20	Interest due to State Govt.						
21	Commercial Profit(+)/Loss(-)with subsidy (19-20)	-40.01	200.80	490.37	339.97	-108.02	544.43
22	Commercial Profit(+)/Loss(-)without subsidy {(21-13(c)}	-40.01	200.80	490.37	339.97	-108.02	544.43
23	i) Interest actually paid to State Govt.						
	ii) Tax liability (MAT)	-17.72	42.14	104.61	71.26	0.00	114.11
24	Retained Surplus(+)/Deficit(-) (19-23)	-22.29	158.66	385.76	268.71	-108.02	430.32



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

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 Annual Plan Estimates
1	2	3	4	5	6	7	8
25	<b>INTERNAL RESOURCES</b>						
	i) Retained revenue Surplus(+)/Deficit(-)	-22.29	158.66	385.76	268.71	-108.02	430.32
	ii) Depreciation	90.36	105.45	134.55	241.30	187.45	234.56
	iii) Debt, Deposits & other receipts(net)	100.25	35.98	-157.03	-201.16	238.62	-159.64
	iv) Provident Fund/Pension Fund (net)						
	v) Consumers Contributions	0.00	0.00	0.00		0.00	0.00
	vi) Actual Subvention from Govt.						
	vii) Draw-down of inventory	-32.05	-0.93	-9.98	0.00	-1.00	0.00
	viii) Draw-down of Cash balances/CC limit	20.44	-2.68	2.12	0.00	0.00	0.00
	ix) Other, if any	-10.95	5.34	-4.01			
	Gross (Internal Resources) at current rates of tariff (25)	<b>145.76</b>	<b>301.82</b>	<b>351.41</b>	<b>308.85</b>	<b>317.05</b>	<b>505.24</b>
26	Repayments of loans						
	i) LIC	40.91	40.91	40.92	40.91	40.92	40.92
	ii) REC	41.52	37.07	74.41	107.14	115.36	200.00
	iii) NABARD						
	iv) To State Govt. if any						
	v) Others						
	-Commercial Banks	57.26	68.32	70.92	39.73	39.71	43.26
	-Discounting of Bills etc.						
	-W.C.L. & O.D.		100.00		0.00	0.00	100.00
	-CSS Schemes & others*			120.96	121.07	121.06	121.06
	<b>Total :- 26</b>	<b>139.69</b>	<b>246.30</b>	<b>307.21</b>	<b>308.85</b>	<b>317.05</b>	<b>505.24</b>
27	Net Internal Resources at current rates Tariff.(25-26)	6.07	55.52	44.20	0.00	0.00	0.00

\* Includes Repayment of Loans from PSPCL & GPF liability

Proforma-I(Contd)

(Rs.Crore)

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 Annual Plan Estimates
1	2	3	4	5	6	7	8
28	<b>Other Supporting Information:</b>						
	i) Net fixed assets in service at the beginning of the year (Rs.crore)	4028.92	4073.31	4556.14	5985.62	5126.46	6752.74
	ii) Cumulative depreciation at the beginning of the year (Rs.crore)	1105.81	1197.33	1305.49	1470.50	1432.92	1620.37
	iii) Cumulative depreciation at the end of the year(Rs.crore)	1197.33	1305.49	1432.92	1711.80	1620.37	1854.93
	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	75.24	133.82	150.70	50.00	60.00	39.92
	(b) Completed works	166.48	207.83	262.94	438.84	394.50	434.12
	<b>Total:(a+b)</b>	<b>241.72</b>	<b>341.65</b>	<b>413.64</b>	<b>488.84</b>	<b>454.50</b>	<b>474.04</b>
	v) State Electricity Duty (SED) (assessed)						
	vi) State Electricity Duty (paisa/unit) released from consumers who pay such duty						
	vii) State Duty per unit of total sales (Paisa)						
	viii) No. of Employees of the Corporation at the end of the year						
	a) Technical						
	b) Non Technical	3122	3434	3585	3569	3817	4374
	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	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	263.65	300.12	331.61	462.06	378.84	421.26
	(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	605.88	605.88	605.88
	xvii) a. Date of last tariff revision (indicate the date in each year)	16.07.2012	10.04.2013	10.04.2013	22.08.2014	22.08.2014	
	b. Tariff awarded by PSERC Yes/No	491.45	830.01	1269.64	895.66	895.66	
	(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	40.91	164.10	204.67	294.32	149.28	309.97
	(b) Bad Debt Amount						
	(c) As% of sales revenue of the year	7.88%	18.53%	15.55%	18.27%	16.67%	16.67%
	(d) Arrears of Central Govt./State Govt. offices/Undertakings						
	(e) Arrears from Bulk/Other Consumers						
	(f) Arrears under dispute in the courts						
	xix) Tax on income, if any (MAT)		42.14	104.61	0.00	0.00	114.11

Proforma-I(Contd)  
(Rs.Crore)

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	220.47	179.56	138.64	97.72	97.72	56.80
	(d) REC loan	1140.93	1932.20	2565.66	3293.60	2879.60	3169.97
	(e) NABARD loan					0.00	30.00
	(f) Other Loans (Including Banks)						
	-Non SLR Bonds						
	-Others (including PSPCL, GPF loan)	917.54	1012.36	891.40	794.99	770.34	649.28
	-Commercial Banks	261.55	193.23	122.31	85.42	180.30	137.04
	-Working Capital Loans & OD	109.67	48.52	61.22	29.35	421.09	321.09
	<b>Total:(a to f)</b>	<b>2650.16</b>	<b>3365.87</b>	<b>3779.23</b>	<b>4301.08</b>	<b>4349.05</b>	<b>4364.18</b>
	<b>xxi) Inventory on revenue(Maintenance) account at the end of the year</b>						
	(a) Coal						
	(b) Oil						
	(c) Others	133.10	134.03	144.01	140.00	145.00	145.00
	<b>(d) Total:</b>	<b>133.10</b>	<b>134.03</b>	<b>144.01</b>	<b>140.00</b>	<b>145.00</b>	<b>145.00</b>
	(e) % of Inventory to Sales Revenue of the year	25.63	15.14	10.94	8.69	16.19	7.80
	xxii) Amount due from other Boards/Agencies						
	xxiii) Equity Capital , if any during the year						

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

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	658.50	828.34	707.87	666.61	429.30	490.37
	e) NABARD					0.00	30.00
	f) Others						
	-Banks	49.76				97.70	
	-Others (including PSPCL, GPF loan)	131.15	94.82				
	-WCL (Net)	109.67	38.85	12.70	25.25	359.87	
	<b>Total:</b>	<b>949.08</b>	<b>962.01</b>	<b>720.57</b>	<b>691.86</b>	<b>886.87</b>	<b>520.37</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						
	<b>xxvi) Regulatory Assets by the end of Year</b>						

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

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**RESOURCE DISCUSSION ANNUAL PLAN 2015-16**  
**Financing of Capital Expenditure**

Proforma-2  
(Rs.Crore)

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	5134.73	5270.64	5861.63	7456.12	6559.37	8373.11
	ii) On Works-in-progress	538.39	1247.96	1635.65	771.33	1689.98	417.87
	(b) Capital employed during the year						
	i) On Completed Works	135.91	590.99	697.74	1400.87	1813.74	686.46
	ii) On Works-in-progress(-ve means Asset capitalized)	709.57	387.69	54.33	-571.32	-1272.11	-166.09
	<b>(c) Total: (a+b)</b>	<b>6518.60</b>	<b>7497.28</b>	<b>8249.35</b>	<b>9057.00</b>	<b>8790.98</b>	<b>9311.35</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	40.91	40.91	40.92	40.91	40.92	40.92
	iii) Net Loans(i-ii)	-40.91	-40.91	-40.92	-40.91	-40.92	-40.92
	(e) i) Borrowings from REC (Gross)	658.50	828.34	707.87	666.61	429.30	490.37
	ii) Repayments, if any	41.52	37.07	74.41	107.14	115.36	200.00
	iii) Net Loans(i-ii)	616.98	791.27	633.46	559.47	313.94	290.37
	(f) i) Borrowings from NABARD (Gross)	0.00	0.00	0.00	0.00	0.00	30.00
	ii) Repayments, if any	0.00	0.00	0.00	0.00	0.00	0.00
	iii) Net Loans(i-ii)	0.00	0.00	0.00	0.00	0.00	30.00
	(g) i) Term loan from Banks (Gross)	49.76	0.00	0.00	0.00	97.70	0.00
	ii) Repayments, if any	57.26	68.32	70.92	39.73	39.71	43.26
	iii) Net Loans (i-ii)	-7.50	-68.32	-70.92	-39.73	57.99	-43.26

Proforma-2 (contd)  
(Rs.Crore)

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 Annual Plan Estimates
1	2	3	4	5	6	7	8
	(h) i) Others (including PSPCL & GPF ) (Gross)	131.15	94.82	0.00	0.00	0.00	0.00
	ii) Repayments, if any	0.00	0.00	120.96	121.07	121.06	121.06
	iii) Net Loans (i-ii)	131.15	94.82	-120.96	-121.07	-121.06	-121.06
	<b>Total 2:-</b>						
	i) Borrowings (Gross)	839.41	923.16	707.87	666.61	527.00	520.37
	ii) Repayments	139.69	146.30	307.21	308.85	317.05	405.24
	iii) Net Loans (i-ii)	699.72	776.86	400.66	357.76	209.95	115.13
3	Total Capital receipts for financing the Capital Expenditure	839.41	923.16	707.87	666.61	527.00	520.37
4	a) Internal Resources (after providing for repayment of loans & provision of tax)	6.07	55.52	44.20	0.00	0.00	0.00
	b) Excess Transmission Charges received from PSPCL						
5	Total resources for Capital Expenditure (3+4)	845.48	978.68	752.07	666.61	527.00	520.37
6	Capital Expenditure:-						
	i) Plan	845.48	978.68	752.07	642.17	477.00	494.46
	ii) Outside the Plan				24.44	50.00	25.91
	<b>Total- 6</b>	845.48	978.68	752.07	666.61	527.00	520.37
7	<b>Capital Structure</b>						
	i) a) Equity portion	605.88	605.88	605.88	605.88	605.88	605.88
	b) Reserves and Surplus	1778.31	1939.24	2328.18	2549.93	2220.16	2650.48
	ii) Loan portion	2540.49	3317.35	3718.01	4271.73	3927.96	4043.09
	iii) Debt Equity ratio before conversion of loan to equity						
	vi) Loan converted into equity						
	v) Debt Equity ratio after conversion	1.07	1.30	1.27	1.35	1.39	1.24
8	Equity diluted in the year						
9	Share held by the State Govt.after dilution	605.88	605.88	605.88	605.88	605.88	605.88

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

ANNUAL PLAN 2015-16

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	2011-12 (Actual)					2012-13 (Actual)					2013-14 (Provisional)				
		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	2014-15 (BE)					2014-15 (RE)					2015-16 (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-2015-16**

Proforma-4

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

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

**Energy sold:ES:(Mkwh)**

Sr. No.	Category of Consumers	2011-12 (Actual)				2012-13 (Actual)				2013-14 (Provisional)			
		Energy sold	Average rate	Revenue	No.of Con-sumers	Energy sold	Average rate	Revenue	No.of Con-sumers	Energy sold	Average rate	Revenue	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	2014-15 (Estimates)				2014-15 (Revised Estimates)				2015-16 (Annual Plan)			
		Energy sold	Average rate (Paisa/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate (Paisa/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate (Paisa/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 2015-16**  
**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(Paisa)			
				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	2011-12 Actuals			NOT APPLICABLE												
2	2012-13 Actuals			NOT APPLICABLE												
3	2013-14 Provisional			NOT APPLICABLE												
4	2014-15 BE			NOT APPLICABLE												
5	2014-15 (Revised Estimates)			NOT APPLICABLE												
6	2015-16 Annual Plan			NOT APPLICABLE												

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2015-16**  
**Revenue Expenditure-Cost of Power Purchased**

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

Sr. No.	Source	2011-12 (Actuals)			2012-13 (Actuals)			2013-14 (Provisional)											
		Purchase (Mkwh)	Rate (Paisa/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paisa/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paisa/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	2014-15 (BE)			2014-15 (RE)			2015-16 (Annual Plan)											
		Purchase (Mkwh)	Rate (Paisa/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paisa/Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paisa/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 2015-16**

Revenue Expenditure , Operating & Maintenance /  
Establishment and Administrative Charges

PROFORMA-7  
(Rs. Crore)

Sr. No.	Component of Expenditure	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	27.89	45.00	45.00	54.43	49.50	58.49
2	Normal Annual Increase		4.50	4.50	5.44	4.95	5.85
3	Increase due to commissioning of new units/lines( to be specified)		4.73		6.61	4.04	4.93
4	Others items*	17.11	13.91	5.15	17.61		76.79
5	<b>Total:</b>	<b>45.00</b>	<b>68.14</b>	<b>54.65</b>	<b>84.09</b>	<b>58.49</b>	<b>146.06</b>
6	Cost per unit of sale (Paisa/Kwh sold)						
<b>II</b>	<b><u>Establishment &amp; Admn.Charges</u></b>						
1	Base level expenditure of the previous year	110.88	120.92	140.73	153.55	164.42	185.10
2	Normal Annual Increase	3.92	4.47	5.60	6.52	5.74	7.48
3	Increase due to commissioning of new units/lines (to be specified)	2.68	7.74	24.91	12.07	8.15	8.77
4	Increase due to D.A. ^ / Pay revision	15.26	18.53	12.73	17.15	14.79	16.85
5	Other items **	142.96	168.14	187.93	305.96	221.32	236.55
6	<b>Total ^^</b>	<b>275.70</b>	<b>319.80</b>	<b>371.90</b>	<b>495.25</b>	<b>414.42</b>	<b>454.75</b>
	Wage Bill	<b>263.65</b>	<b>300.12</b>	<b>331.61</b>	<b>462.06</b>	<b>378.84</b>	<b>421.26</b>
7	Cost per unit of sale(Paisa/Kwh Sold)						
	Installed Capacity (MW)	6689.00	7214.00	9418.00	12946.72	10495.00	11462.00
	Cost Rs./Mw/month	34347.54	36942.06	32906.85	31877.44	32906.15	33062.15

\* 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 2015-16**  
**Rate of Return on Net Fixed Assets**

PROFORMA-8  
(Rs. Crore)

Sr. No.	Component of Expenditure	2011-12 Actual	2012-13 Actual	2013-14 Provisional	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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)	519.26	885.47	1316.47	1611.35	895.66	1859.79
	2) Misc. Revenue ✦	33.29	27.53	29.05	8.10	84.34	11.50
	3) Subsidy (Agriculture consumers)						
	4) Other Subsidy, if any						
	<b>Total: A</b>	<b>552.55</b>	<b>913.00</b>	<b>1345.52</b>	<b>1619.45</b>	<b>980.00</b>	<b>1871.29</b>
<b>B</b>	<b>EXPENDITURE</b>						
	1. Fuel						
	2. Purchase of Power						
	3. Operation & Maintenance	45.00	68.14	54.65	84.09	58.49	146.06
	4. Establishment & Administration Expenditure	275.70	319.80	371.90	495.25	414.42	454.75
	5. Depreciation	90.36	105.45	134.55	241.30	187.45	234.56
	6. Other Misc. Expdr.	3.37	3.33	27.06	0.00	3.85	0.00
	<b>Total: B</b>	<b>414.43</b>	<b>496.72</b>	<b>588.16</b>	<b>820.64</b>	<b>664.21</b>	<b>835.37</b>
<b>C</b>	<b>Operating Income (A-B)</b>	<b>138.12</b>	<b>416.28</b>	<b>757.36</b>	<b>798.81</b>	<b>315.79</b>	<b>1035.92</b>
<b>D</b>	<b>Interest due</b>						
	a) To Financial Institutions	178.13	215.48	266.99	458.84	423.81	491.50
	b) To State Govt.						
	<b>Total: D</b>	<b>178.13</b>	<b>215.48</b>	<b>266.99</b>	<b>458.84</b>	<b>423.81</b>	<b>491.50</b>
<b>E</b>	<b>Net Surplus/Deficit(C-D)</b>	<b>-40.01</b>	<b>200.80</b>	<b>490.37</b>	<b>339.97</b>	<b>-108.02</b>	<b>544.43</b>
<b>F</b>	<b>Value of net fixed assets employed at the beginning of the year</b>	<b>4028.92</b>	<b>4073.31</b>	<b>4556.14</b>	<b>5985.62</b>	<b>5126.46</b>	<b>6752.74</b>
<b>G</b>	<b>Rate of Return(%)</b>	<b>-0.99</b>	<b>4.93</b>	<b>10.76</b>	<b>5.68</b>	<b>-2.11</b>	<b>8.06</b>
<b>H</b>	<b>Increase in Average tariff required (Paisa/Kwh) to obtain</b>						
	a) % Rate of Return						
	b) 3 % Rate of Return						

✦ Revised estimates of FY 2014-15 includes Rs 39.05 Cr receivable from Govt. of Punjab pursuant to Tariff orders of PSERC for FY 2014-15



**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2015-16**  
**Outstanding dues to the Central Undertakings & others**

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

Sr. No.	Name of the Undertakings	Dues Upto 31.03.13	Dues from 01.04.2013 to 31.03.2014	Outstanding dues as on 31.10.14 (or whichever is the latest figures available)
1	2	3	4	5
1	Central Undertakings	nil	nil	nil
i)				
ii)				
2	Banks / FI	2353.51	534.32	3225.56
3	Others	1012.36	-120.96	829.03
	Total	3365.87	413.36	4054.59

**PUNJAB STATE ELECTRICITY BOARD**  
**Annual Plan 2015-16**  
**Electricity Consumption\***

PROFORMA-10  
(Million Kwh)

Sr. No.	Item	2011-12		2012-13 (Actual)		2013-14(Actual)		2014-15 (B.E.)		2014-15 (R.E.)		2015-16 (Annual Plan)	
		# Rate (Paisa/ Kwh)	Unit* (MU)	# Rate (Paisa/ Kwh)	Unit* (MU)	# Rate (Paisa/ Kwh)	Unit* (MU)	# Rate (Paisa/ Kwh)	Unit* (MU)	# Rate (Paisa/ Kwh)	Unit* (MU)	# Rate (Paisa/ 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 percentage within brackets.

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

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**  
**ANNUAL PLAN 2015-16**  
**PRIVATE SECTOR POWER PROJECTS**

Proforma - 11

Sr. No.	Item	2011-12 Actual	2012-13 Actual	2013-14 Actual	2014-15 Budgeted Estimates	2014-15 Revised Estimates	2015-16 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	Reasons of Delay (if any)						
8	Cost of Generation (Paisa/Kwh)						
9	PLF as per PPA(%)						

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED**

**ANNUAL PLAN 2015-16**

**Efficiency Improvements**

**Proforma-12**

Sr. No.	Item	Unit	2011-12 Actual	2012-13 Actual	2013-14 Actual	2014-15	2014-15	2015-16
						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 2015-16**

Proforma -13  
(Rs. Crore)

Sr No.	Description	11th Plan Actual Expenditure		12th Plan Proposed Outlay		2013-14 Provisional		2014-15 Revised Estimate (RE)		2015-16 Annual Plan (AP)	
		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			3056.17		752.07		477.00	50.00	494.46	25.91
4	Distribution										
5	Rural Electrification										
6	Misc. Schemes										
7	<b>Total</b>			<b>3056.17</b>		<b>752.07</b>		<b>477.00</b>	<b>50.00</b>	<b>494.46</b>	<b>25.91</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.
- iii) 12th Plan Proposed outlay has been revised from Rs 3426.39 Cr to Rs 3056.17 Cr as per current status