

ESTIMATES OF FINANCIAL RESOURCES

2015-16 (R.E.) & 2016-17 (ESTIMATES)



DEPARTMENT OF FINANCE

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

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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 2012-13 & 2013-14 have been audited and the figures are as per audited accounts.
3. Figures of FY 2014-15 are as per Provisional accounts of the Corporation.
4. Figures of FY 2015-16 are based on the Annual Budget 2015-16 approved by BODs (except capex, Loans and Interest are taken as per ARR).
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 2016-17 has been estimated broadly on the basis of ARR filed before PSERC.

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C O N T E N T S

Sr.No.	Particulars	Page No.
	<u>P R O F O R M A E</u>	
1	Summary of Operating and Financial Performance	1-9
2	Financing of Capital Expenditure	10-11
3	Performance of Generating Stations	12-13
4	Categorywise Sale of Energy, Average rate and Revenue	14-15
5	Revenue Expenditure - Fuel	16
6	Revenue Expenditure - Cost of Power Purchased	17-18
7	Revenue Expenditure-Operating & Mtc./Estt. & Admn. Charges	19
8	Rate of Return on Net Fixed Assets	20
9	Outstanding Dues to the Central Undertakings & Others	21
10	Electricity Consumption	22
11	Private Sector Power Projects	23
12	Efficiency Improvements	24
13	Break- up of Outlay- Power Sector	25

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Proforma-I

SUMMARY STATEMENT

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
1	Installed Capacity(MW) at the end of the year (Details in Proforma-3)						
	i) Hydel						
	ii) Steam		NOT APPLICABLE				
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	Total-1						
2	Gross Generation inclusive of auxiliary consumption(Mkwh)(details in Proforma-3)						
	i) Hydel						
	ii) Steam		NOT APPLICABLE				
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	Total:2						
3	Overall Plant Availability for Corporation (Thermal) (%)		NOT APPLICABLE				
4	Overall PLF of Corporation (Thermal) (%)		NOT APPLICABLE				

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Proforma-I(Contd)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 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.)						
	Total-5						
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						
	Total-7						
8	Total Energy availability(6+7) (Mkwh)						
9	T&D Losses(Mkwh)						
	i) Transmission Losses						
	ii) Distribution Losses						
	Total-9						
10	% of T&D Losses (9 as of 8)						
11	Energy available for sale(Mkwh)		NOT APPLICABLE				
	(Details in Proforma-4)(Mkwh)						
	i) Within State						
	ii) Outside the State						
	iii) Energy sale through trading/UI						
	Total-11(i+ii+iii)						
12	Av.rate for sale (Paisa/Kwh)						
	i) Within State (Including Subsidy)						
	ii) Outside the State						
	iii) Energy sale through trading/UI						
	Total-12						

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Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 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	885.47	1316.47	948.91	1859.79	967.62	1958.72
	ii) Outside the State						
	iii) Trading/UI						
	Sub-Total:-(i+ii+iii)	885.47	1316.47	948.91	1859.79	967.62	1958.72
	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*	27.53	30.93	18.33	11.50	24.06	5.00
		913.00	1347.40	967.24	1871.29	991.68	1963.72
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)	68.14	56.28	44.77	146.06	48.07	67.82
	iv) Estt. & Admn. (Details in Proforma-7)	319.80	378.19	385.85	454.75	499.04	438.16
	v) Others † †	3.33	20.91	11.71		4.19	1.08
	Total :-14	391.27	455.38	442.33	600.81	551.30	507.06

* Including SLDC charges, Operating charges & OA charges

** Inclusive of ULDC Charges

† † Prior Period Expenses/Losses, CSR Expenses

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
15	Gross Operating Surplus(+)/Deficit(-) (13-14)	521.73	892.02	524.91	1270.48	440.38	1456.66
16	Depreciation due	105.45	136.62	217.72	234.56	224.39	323.18
17	Net Operating Surplus(+)/Deficit(-) after Depreciation(15-16)	416.28	755.40	307.19	1035.92	215.99	1133.48
18	Interest Payable to Institutional Creditors						
	i) Market loans						
	ii) LIC Loans	21.55	17.10	12.60	8.11	8.11	4.46
	iii) REC Loans	55.36	119.30	228.87	327.86	310.04	320.59
	iv) NABARD Loans			0.51	3.85	8.07	21.54
	v) Other Loans (Including Banks)						
	-Non SLR Bonds						
	-Commercial Banks	26.00	19.34	17.40	14.57	14.91	9.50
	-W.C.L & O.D.	7.85	4.05	14.46	57.38	47.83	97.15
	-Guarantee Fees	0.00	0.00	4.70		8.50	
	-Interest & Discount to Consumers.						
	-Other Interest including PSPCL,GPF, NPS,Misc Int. etc.	104.92	108.50	94.21	79.73	77.53	65.86
	Total:- 18	215.48	268.29	372.75	491.50	474.99	519.10
19	Net Operating Surplus(+)/Deficit(-) after interest to Institutional Creditors (Loans) (17-18)	200.80	487.11	-65.56	544.43	-259.00	614.38
20	Interest due to State Govt.						
21	Commercial Profit(+)/Loss(-)with subsidy (19-20)	200.80	487.11	-65.56	544.43	-259.00	614.38
22	Commercial Profit(+)/Loss(-)without subsidy {(21-13(c)}	200.80	487.11	-65.56	544.43	-259.00	614.38
23	i) Interest actually paid to State Govt.						
	ii) Tax liability (MAT)	42.14	106.59	-	114.11	0.00	128.77
24	Retained Surplus(+)/Deficit(-) (19-23)	158.66	380.52	-65.56	430.32	-259.00	485.61

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
25	INTERNAL RESOURCES						
	i) Retained revenue Surplus(+)/Deficit(-)	158.66	380.52	-65.56	430.32	-259.00	485.61
	ii) Depreciation	105.45	136.62	217.72	234.56	224.39	323.18
	iii) Debt, Deposits & other receipts (net)	35.98	-143.91	237.84	-159.64	420.86	-293.95
	iv) Provident Fund/Pension Fund (net)					0.00	
	v) Consumers Contributions	-	-	-	-	-	-
	vi) Actual Subvention from Govt.						
	vii) Draw-down of inventory	-0.93	-9.59	-15.47	-	0.00	0.00
	viii) Draw-down of Cash balances/CC limit	-2.68	2.12	-0.25	-	0.00	0.00
	ix) Other, if any(WCL)	5.34	2.60	6.27		0.00	0.00
	Gross (Internal Resources) at current rates of tariff (25)	301.82	368.36	380.55	505.24	386.25	514.83
26	Repayments of loans						
	i) LIC	40.91	40.92	40.92	40.92	40.91	22.63
	ii) REC	37.07	74.41	116.48	200.00	184.54	215.76
	iii) NABARD						
	iv) To State Govt. if any						
	v) Others						
	-Commercial Banks	68.32	70.92	36.71	43.26	39.72	50.15
	-Discounting of Bills etc.						
	-W.C.L. & O.D.	100.00			100.00	0.00	105.02
	-CSS Schemes & others*		121.06	121.06	121.06	121.08	121.07
	Total :- 26	246.30	307.31	315.17	505.24	386.25	514.83
27	Net Internal Resources at current rates Tariff.(25-26)	55.52	61.05	65.38	0.00	0.00	0.00

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* Includes Repayment of Loans from PSPCL & GPF liability

Proforma-I(Contd)

(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
28	Other Supporting Information:						
	i) Net fixed assets in service at the beginning of the year (Rs.crore)	4073.31	4556.13	5167.10	6752.74	6426.55	7074.49
	ii) Cumulative depreciation at the beginning of the year (Rs.crore)	1197.33	1305.49	1441.52	1620.37	1663.95	1888.34
	iii) Cumulative depreciation at the end of the year(Rs.crore)	1305.49	1441.52	1663.95	1854.93	1888.34	2211.52
	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	133.82	149.40	110.16	39.92	39.90	43.89
	(b) Completed works	207.83	264.24	353.59	434.12	418.66	421.95
	Total:(a+b)	341.65	413.64	463.75	474.04	458.56	465.84
	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	3434	3378	3245	4374	3094	2960
	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	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
	x) No. of employees per 1000 Consumers						
	xii) (a) Subsidy as claimed by SPUs at the end of the year						
	(b) Subsidy as received by SPUs 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)						
	xiv) Wage Bill						
	(a) For Technical Staff	300.12	339.44	355.64	421.26	464.01	406.20
	(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)	10.04.2013	10.04.2013	22.08.2014	05.05.2015	05.05.2015	
	b. Tariff awarded by PSERC. Yes/No	830.01	1269.64	895.66	895.66	967.62	
	(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	164.10	206.67	189.95	309.97	165.74	326.45
	(b) Bad Debt Amount						
	(c) As% of sales revenue of the year	18.53%	15.70%	20.02%	16.67%	17.13%	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	106.59	-	114.11	0.00	128.77

9

Sr. No.	Item	Proforma-I(Contd) (Rs.Crore)					
		2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
	xx) Loan outstanding at the end of the year:						
	(a) State Govt.						
	(b) Market loan						
	(c) LIC loan						
	(d) REC loan	179.56	138.64	97.72	56.80	56.81	33.98
	(e) NABARD loan	1932.20	2565.66	2846.47	3169.97	3023.63	3237.15
	(f) Other Loans (Including Banks)			43.52	30.00	145.82	245.82
	-Non SLR Bonds						
	-Others (Including PSPCL, GPF loan)						
	-Commercial Banks	1012.47	891.39	770.33	649.28	649.25	528.18
	-Working Capital Loans & OD	193.23	122.31	145.38	137.04	105.66	55.51
	Total:(a to f)	48.52	61.22	427.07	321.09	823.71	718.69
	xxi) Inventory on revenue(Maintenance) account at the end of the year	3365.98	3779.22	4330.49	4364.18	4804.88	4819.33
	(a) Coal						
	(b) Oil						
	(c) Others						
	(d) Total:	134.03	143.62	159.09	145.00	159.09	159.09
	(e) % of Inventory to Sales	134.03	143.62	159.09	145.00	159.09	159.09
	Revenue of the year	15.14	10.91	16.77	7.80	16.44	8.12
	xxii) Amount due from other Boards/Agencies						
	xxiii) Equity Capital, if any during the year						

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
	xxiv) Loan sanctioned (& received) during the year						
	a) State Govt.						
	b) Market Borrowings						
	c) LIC		0.00				
	d) REC	828.34	707.87	397.29	490.37	361.70	429.28
	e) NABARD			43.52	30.00	102.30	100.00
	f) Others						
	-Banks		0.00	59.78			
	-Others (including PSPCL, GPF loan)	94.82	-0.02	0.00			
	-WCL (Net)	38.85	12.70	365.65		396.64	
	Total:	962.01	720.55	866.44	520.37	860.64	529.28
	xxv) No. of rural household electrified						
	a) RGGVY						
	b) Non-RGGVY		NOT APPLICABLE				
	c) BPL						
	d) No. of villages un-electrified						
	e) No. of household un-electrified						
	xxvi) Regulatory Assets by the end of Year						

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

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PUNJAB STATE TRANSMISSION CORPORATION LIMITED
RESOURCE DISCUSSION ANNUAL PLAN 2016-17
Financing of Capital Expenditure

Proforma-2
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
1	Block Capital						
	(a) Capital employed at the beginning of the year:						
	i) On Completed Works	5270.64	5861.62	6608.62	8373.11	8090.50	8962.83
	ii) On Works-in-progress	1247.96	1635.65	1657.55	417.87	741.64	557.78
	(b) Capital employed during the year						
	i) On Completed Works	590.99	747.00	1481.88	686.46	872.33	860.66
	ii) On Works-in-progress(-ve means Asset capitalized)	387.69	21.90	-915.91	-166.09	-183.86	-331.38
	(c) Total: (a+b)	7497.28	8266.17	8832.14	9311.35	9520.61	10049.89
2	Financing of Capital Expenditure						
	(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	40.92	40.92	40.92	40.91	22.83
	iii) Net Loans(i-ii)	-40.91	-40.92	-40.92	-40.92	-40.91	-22.83
	(e) i) Borrowings from REC (Gross)	828.34	707.87	397.29	490.37	361.70	429.28
	ii) Repayments, if any	37.07	74.41	116.48	200.00	184.54	215.76
	iii) Net Loans(i-ii)	791.27	633.46	280.81	290.37	177.16	213.52
	(f) i) Borrowings from NABARD (Gross)	0.00	0.00	43.52	30.00	102.30	100.00
	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	43.52	30.00	102.30	100.00
	(g) i) Term loan from Banks (Gross)	0.00	0.00	59.78	0.00	0.00	0.00
	ii) Repayments, if any	68.32	70.92	36.71	43.28	39.72	50.15
	iii) Net Loans (i-ii)	-68.32	-70.92	23.07	-43.28	-39.72	-50.15

Proforma-2 (contd)
(Rs.Crore)

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
	(h) i) Others (including PSPCL & GPF) (Gross)	94.82	-0.02	0.00	0.00	0.00	0.00
	ii) Repayments, if any	0.00	121.06	121.06	121.06	121.06	121.07
	iii) Net Loans (i-ii)	94.82	-121.08	-121.06	-121.06	-121.08	-121.07
	Total 2:-						
	i) Borrowings (Gross)	923.16	707.85	500.59	520.37	464.00	529.28
	ii) Repayments	146.30	307.31	315.17	405.24	386.25	409.81
	iii) Net Loans (i-ii)	776.86	400.54	185.42	115.13	77.75	119.47
3	Total Capital receipts for financing the Capital Expenditure	923.16	707.85	500.59	520.37	464.00	529.28
4	a) Internal Resources (after providing for repayment of loans & provision of tax)	55.52	61.05	65.38	0.00	0.00	0.00
	b) Excess Transmission Charges received from PSPCL						
5	Total resources for Capital Expenditure (3+4)	978.68	768.90	565.97	520.37	464.00	529.28
6	Capital Expenditure:-						
	i) Plan	978.68	768.90	565.97	494.46	464.00	529.28
	ii) Outside the Plan				25.91	0.00	0.00
	Total- 6	978.68	768.90	565.97	520.37	464.00	529.28
7	Capital Structure						
	i) a) Equity portion	605.88	605.88	605.88	605.88	605.88	605.88
	b) Reserves and Surplus	1939.24	2322.94	2258.96	2650.48	1999.96	2485.57
	ii) Loan portion	3317.46	3718.00	3903.42	4043.09	3981.17	4100.64
	iii) Debt Equity ratio before conversion of loan to equity						
	vi) Loan converted into equity						
	v) Debt Equity ratio after conversion	1.30	1.27	1.36	1.24	1.53	1.33
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

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PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17
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	2012-13 (Actual)					2013-14 (Actual)					2014-15 (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)															

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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	2015-16 (BE)					2015-16 (RE)					2016-17 (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)															

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PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN-2016-17

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	2012-13 (Actual)				2013-14 (Actual)				2014-15 (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	Industries:												
	i) L.T.												
	ii) H.T.												
	iii) Power Intensive Industry												
	Total 6												
7	Railway Traction												
8	Others (including Bulk Supply)												
9	Total Within State (1 to 8)												
10	Out side the State												
	Grand Total												

9

Proforma-4(Contd)

Sr No	Category of consumers	2015-16 (Estimates)				2015-16 (Revised Estimates)				2016-17 (Annual Plan)			
		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
		(Paisa/Kwh)	(Rs.Crore)			(Paisa/Kwh)	(Rs.Crore)			(Paisa/Kwh)	(Rs.Crore)		
1	Domestic												
2	Commercial												
3	Public Lighting												
4	Irrigation & Water												
5	Public Water works & Sewage Pumping												
6	Industries:												
	i) L.T.												
	ii) H.T.												
	iii) Power Intensive Industry												
	Total 6												
7	Railway Traction												
8	Others (including Bulk Supply)												
9	Total Within State (1 to 8)												
10	Out side the State												
	Grand Total												

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



PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17
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	2012-13 Actuals			NOT APPLICABLE												
2	2013-14 Actuals			NOT APPLICABLE												
3	2014-15 Provisional			NOT APPLICABLE												
4	2015-16 BE			NOT APPLICABLE												
5	2015-16 (Revised Estimates)			NOT APPLICABLE												
6	2016-17 Annual Plan			NOT APPLICABLE												

6

PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17
Revenue Expenditure-Cost of Power Purchased

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

Sr. No.	Source	2012-13 (Actuals)			2013-14 (Actuals)			2014-15 (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									
	Total:									

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PROFORMA-6 (Contd..)

Sr. No.	Source	2015-16 (BE)			2015-16 (RE)			2016-17 (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									
	Total:									

6

**PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17**

Revenue Expenditure , Operating & Maintenance /
Establishment and Administrative Charges

PROFORMA-7
(Rs. Crore)

Sr. No.	Component of Expenditure	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
I	Operating & Maintenance						
1	Base Level expenditure of the previous year	45.00	41.92	31.66	58.49	34.83	39.07
2	Normal Annual Increase	4.50	4.19	3.17	5.85	3.48	3.91
3	Increase due to commissioning of new units/lines(to be specified)	4.73	0.76	1.51	4.93	0.75	8.74
4	Others items*	13.91	9.41	8.43	76.79	9.00	16.10
5	Total:	68.14	56.28	44.77	146.06	48.07	67.82
6	Cost per unit of sale (Paisa/Kwh sold)						
II	Establishment & Admn.Charges						
1	Base level expenditure of the previous year	120.92	140.73	151.65	185.10	179.44	182.45
2	Normal Annual Increase	4.47	5.60	6.39	7.48	7.50	7.45
3	Increase due to commissioning of new units/lines (to be specified)	7.74	32.12	9.76	8.77	32.33	7.60
4	Increase due to D.A. ^ / Pay revision	18.53	12.52	11.65	16.85	47.75	13.13
5	Other items **	168.14	187.22	206.41	236.55	232.02	227.53
6	Total ^^	319.80	378.19	385.85	454.75	499.04	438.16
	Wage Bill	300.12	339.44	355.64	421.26	464.01	406.20
7	Cost per unit of sale(Paisa/Kwh Sold)						
	Installed Capacity (MW)	7214.00	8385.00	10495.00	11462.00	11499.00	12730.00
	Cost Rs./Mw/month	36942.06	37585.97	30637.61	33062.15	36165.46	28682.90

* 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.

6

PUNJAB STATE TRANSMISSION CORPORATION LIMITED
Resource Discussion ANNUAL PLAN 2016-17
Rate of Return on Net Fixed Assets

PROFORMA-8
(Rs. Crore)

Sr. No.	Component of Expenditure	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8
A	INCOME						
	Revenue Receipts from:						
	1) Electricity Sales (Transmission Charges)	885.47	1316.47	948.91	1859.79	967.62	1958.72
	2) Misc. Revenue	27.53	30.93	18.33	11.50	24.06	5.00
	3) Subsidy (Agriculture consumers)						
	4) Other Subsidy, if any						
	Total: A	913.00	1347.40	967.24	1871.29	991.68	1963.72
B	EXPENDITURE						
	1. Fuel						
	2. Purchase of Power						
	3. Operation & Maintenance	68.14	56.28	44.77	146.06	48.07	67.82
	4. Establishment & Administration Expenditure	319.80	378.19	385.85	454.75	499.04	438.16
	5. Depreciation	105.45	136.62	217.72	234.56	224.39	323.18
	6. Other Misc. Expdr.	3.33	20.91	11.71	0.00	4.19	1.08
	Total: B	496.72	592.00	660.05	835.37	775.69	830.24
C	Operating Income (A-B)	416.28	755.40	307.19	1035.92	215.99	1133.48
D	Interest due						
	a) To Financial Institutions	215.48	268.29	372.75	491.50	474.99	519.10
	b) To State Govt.						
	Total:D	215.48	268.29	372.75	491.50	474.99	519.10
E	Net Surplus/Deficit(C-D)	200.80	487.11	-65.56	544.43	-259.00	614.38
F	Value of net fixed assets employed at the beginning of the year	4073.31	4556.13	5167.10	6752.74	6426.55	7074.49
G	Rate of Return(%)	4.93	10.69	-1.27	8.06	-4.03	8.68
H	Increase in Average tariff required (Paisa/Kwh) to obtain						
	a) % Rate of Return						
	b) 3 % Rate of Return						

PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17

Outstanding dues to the Central Undertakings & others

PROFORMA -9
(Rs. Crore)

Sr. No.	Name of the Undertakings	Dues Upto 31.03.14	Dues from 01.04.2014 to 31.03.2015	Outstanding dues as on 30.09.15 (or whichever is the latest figures available)
1	2	3	4	5
1	Central Undertakings	nil	nil	nil
	i)			
	ii)			
2	Banks / FI	2887.83	672.33	3806.96
3	Others	891.39	-121.06	709.79
	Total	3779.22	551.27	4516.75

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PUNJAB STATE ELECTRICITY BOARD
Annual Plan 2016-17
Electricity Consumption*

PROFORMA-10
(Million Kwh)

Sr. No.	Item	2012-13 (Actual)		2013-14 (Actual)		2014-15(Provisional)		2015-16 (B.E.)		2015-16 (R.E.)		2016-17 (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												
	Total:(1 to 6)												
7	Outside the State												
	Grand Total												

Note:-

- * Please give percentage within brackets.
- # Category wise tariff rate as approved by the State Electricity Regulatory Commission.

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PUNJAB STATE TRANSMISSION CORPORATION LIMITED
ANNUAL PLAN 2016-17
PRIVATE SECTOR POWER PROJECTS

Proforma - 11

Sr. No.	Item	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 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(%)						

9

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

ANNUAL PLAN 2016-17

Efficiency Improvements

Proforma-12

Sr. No.	Item	Unit	2012-13 Actual	2013-14 Actual	2014-15 Provisional	2015-16 Budgeted Estimates	2015-16 Revised Estimates	2016-17 Annual Plan Estimates
1	2	3	4	5	6	7	8	9
A	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	i) T&D Losses #	(%)						
	ii) Reduction in T&D Losses	(%)						
C	i) Level of Cash Losses of PSTCL (+ve=Cash Surplus) (Net of increase attributable to tariff revision)	(Rs.Crore)	264.11	517.14	152.16	664.88	-34.61	808.79
	ii) Reduction of Cash Losses of PSTCL as compared to previous year	(Rs.Crore) (%)	196.04	253.03	-364.98	585.45	-186.77	843.40

* 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.

24

PUNJAB STATE TRANSMISSION CORPORATION LIMITED
Resources Discussions Annual Plan 2016-17

Proforma -13
(Rs. Crore)

Sr No.	Description	11th Plan Actual Expenditure		12th Plan Proposed Outlay		2014-15 Provisional		2015-16 Revised Estimate (RE)		2016-17 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		565.97		464.00		529.28	
4	Distribution										
5	Rural Electrification										
6	Misc. Schemes										
7	Total			3056.17		565.97		464.00	0.00	529.28	0.00

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

9