

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
SUMMARY STATEMENT

Proforma-1

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
1	Installed Capacity(MW) at the end of the year (Details in Proforma-3)						
	i) Hydel	2258.12			2258.12		
	ii) Steam	2620.00			2630.00		
	iii) Gas						
	iv) Diesel						
v) Others(Wind etc.)							
	Total-1	4878.12			4888.12		
2	Gross Generation inclusive of auxiliary consumption(Mkwh)(details in Proforma-3)						
	i) Hydel	7366.47			8388.99		
	ii) Steam	20295.70			19104.00		
	iii) Gas						
	iv) Diesel						
v) Others(Wind etc.)							
	Total:2	27662.17			27492.99		
3	Overall Plant Availability for Board (Thermal) (%)	92.47			89.91		
4	Overall PLF of Board (Thermal) (%)	88.43			82.92		

Proforma-I(Contd)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
5	Auxiliary Consumption (Mkwh) with % in brackets below :-						
	i) Hydel	40.45			43.67		
	ii) Steam	1719.99			1729.16		
		{8.47}			{9.05}		
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	Total-5	1760.44			1772.83		
6	Net Generation(2-5)	25901.73			25720.16		
7	Power Purchased(Mkwh)	14838.34			18917.42		
8	Total Energy availability(5+6) (Mkwh)	40740.07			44637.58		
9	T&D Losses(Mkwh)	8042.85			7517.51		
10	% of T&D Losses	20.12			17.00		
11	Energy available for sale(Mkwh) (Details in Proforma-4)						
	i) Within State	32236.00			37008.58		
	ii) Outside the State	461.00			111.49		
	iii) Energy sale through trading/UI						
	Total-11(i+ii+iii)	32697.00			37120.07		

Proforma-I(Contd)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
12	Av.rate for sale (Paise/Kwh)						
	i) Within State (Including Subsidy)	355.85			440.59		
	ii) Outside the State	26.13			44.85		
13	Revenue Receipts						
	a) Revenue from sale						
	i) Within the State	8333.23			11604.20		
	ii) Outside the State	12.04			5.00		
	iii) Trading/UI						
	Sub-Total:-(i+ii+iii)	8345.27			11609.20		
	b) Misc. Receipts.	760.22			700.07		
	c) Subsidy for:-						
	i) Domestic consumers	339.26			350.00		
	ii) Agriculture consumers	2804.99			4351.41		
	iii) Subsidy of earlier years						
	Sub Total:(i+ii+iii)						
	Total:-12	3144.25			4701.41		
		12249.74			17010.68		
14	Revenue Expenditure						
	i) Fuel (Details in proforma -5)	3652.31			4171.13		
	ii) Power purchased (Details in Proforma-6)	4718.06			7207.38		
	iii) O&M Expenses (Details in Proforma-7)	385.34			562.15		
	iv) Estt. & Admn. (Details in Proforma-7)	2579.59			3946.17		
	v) Transmission Charges				568.65		
	vi) Others (Finance charges & other debits)	12.11			60.50		
	Total :-13	11347.41			16515.98		

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
15	Gross Operating Surplus(+)/Deficit(-) (12-13)	902.33			494.70		
16	Depreciation due	805.90			770.32		
17	Net Operating Surplus(+)/Deficit(-) after Depreciation(15-16)	96.43			-275.62		
18	Interest Payable on Institutional Loans						
	i) Market loans(SLR Bonds)	9.54					
	ii) LIC Loans	40.97			1.92		
	iii) REC Loans	451.64			674.75		
	iv) PFC Loans	11.08			20.23		
	v) Non SLR Bonds	48.73			33.38		
	vi) Commercial Banks	129.10			272.31		
	vii) Lease Rentals	0.003					
	viii) W.C.L. & O.D.	644.03			1358.45		
	ix) G.P.F.	141.78			165.00		
	x) Interest & Discount to Consumers.	83.43			110.00		
	xi) Other Interest including GACL&CSS(Prior)	86.01			7.81		
	Total:- 18	1646.31			2643.85		
19	Net Operating Surplus(+)/Deficit(-) after interest on Institutional Loans (17-18)	-1549.88			-2919.47		
20	Interest due on Govt. Loans	0.00			0.00		
21	Commercial Profit(+)/Loss(-)without IDC(19-20)	-1549.88			-2919.47		
22	Interest actually paid to State Govt./Recoverable	0.00					
23	Retained Surplus(+)/Deficit(-)(19-22)with subsidy	-1549.88			-2919.47		
24	Retained Surplus(+)/Deficit(-)without subsidy	-4694.13			-7620.88		

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
25	INTERNAL RESOURCES						
	i) Retained revenue Surplus(+)/Deficit(-)	-1549.88			-2919.47		
	ii) Depreciation	791.43			770.32		
	iii) Debt,Deposits & other receipts(net)	522.21					
	iv) Provident/Pension Fund						
	v) Consumers Contributions	341.02			115.00		
	vi) Draw down inventory	-91.43					
	vii) Draw down of Cash	-216.59					
	Gross (Internal Resources) at current rates of tariff (24)	-203.24			-2034.15		
26	Repayments of loans(Excluding repayment of Market borrowings)						
	i) Bonds : a). SLR Bonds	34.69			0.00		
	b). Non SLR Bonds	181.80			0.00		
	ii) LIC	55.16			10.01		
	iii) REC	765.09			556.37		
	iv) PFC	39.85			17.82		
	v) Commercial Banks	95.36			167.05		
	vi) Discounting of Bills etc.						
	vii) W.C.L. & O.D.						
	viii) CSS Schemes & others	6.31			6.31		
	Total :- 24	1178.26			757.56		
27	Net Internal Resources at current rates Tariff.	-1381.50			-2791.71		

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
28	<u>Other Supporting Information:</u>						
	i) Net fixed assets in service at the beginning of the year (Rs.crore)	10339.34			11276.32		
	ii) Cummulative depreciation at the beginging of the year (Rs.crore)	8092.43			9460.36		
	iii) Cummulative depreciation at the end of the year(Rs.crore)	8883.86			10230.68		
	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	248.34			122.17		
	(b) Completed works	595.17			1163.23		
	(c) Total:(a+b) }	843.51			1285.40		
	v) State Electricity Duty (SED) (assessed)	758.59			1470.00		
	vi) State Electricity Duty per unit assessed from consumers who pay such duty(paise)	35.85			59.69		
	vii) State Electricity Duty per unit of total sales(Paise)	23.20			39.60		
	viii) No. of Regular Employees of the Board at the end of the year						
	i) Technical	39579			31610		
	ii) Non Technical	24729			21515		
	ix) No. of employees per million Kwh sold	1.97			1.43		
	x) No. of consumers at the end of year	6918145			7921285		

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
	xi) No. of employees per 1000 Consumers	9.30			6.71		
	xii) (a)Subsidy as claimed by SEB at the end of the year	3144.25					
	(b) Subsidy as received by SEB at the end of the year	3144.25					
	(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	2502.98			3834.72		
	(b) For General Staff						
	xv) Outstanding interest due to State Govt. at the end of the year						
	xvi) Equity Capital, if any	2946.11					
	xvii) a. Date of last tariff revision(indicate the date in each year)	8.9.09					
	b. Tariff awarded by PSERC	Yes					
	xviii) Revenue arrears at the end of the year						
	(a) Amount realisable excluding Bad debts	753.46					
	(b) As% of sales revenue of the year	9.03					
	(c) Arrears of Central Govt./State Govt. offices/Undertakings	0.59					
	(d) Arrears from Bulk/Other Consumers						
	(e) Arrears under dispute in the courts(including MC,Amritsar)						
	xix) Tax on income, if any						

Proforma-I(Contd)
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
	xx) Loan outstanding at the end of the year:						
	(a) State Govt.	520.07					
	(b) Market loan	59.15					
	(c) LIC loan	351.45			14.61		
	(d) REC loan	4000.71			6061.35		
	(e) PFC loan	137.24			267.75		
	(f) Non SLR Bonds	340.00			340.00		
	(g) Other loans including CSS	166.81			1082.33		
	(h) Commercial Banks	1896.07			2428.50		
	(i) Working Capital Loans& OD	7699.84			9798.00		
	Total:(a to i)	15171.34			19992.54		
	xxi) Inventory on revenue(Maintenance) account at the end of the year						
	(a) Coal	196.10			250.00		
	(b) Oil	16.62			25.00		
	(c) Others	162.22			130.00		
	(d) Total:	374.94			405.00		
	(e) % of Inventory to Sales Revenue of the year	4.49			3.49		
	xxii) Amount due from other Boards/Agences	65.69					
	xxiii) Equity Capital , if any during the year						

Proforma-I(Contd)

(Rs.Crore)

Sr. No.	Item	2009-10		2011-12	2012-13	2012-13	2013-14
		Actual		Actual	Estimates	Revised Estimates	Annual Plan
1	2	3		5	6	7	8
	xxiv) Loan sanctioned during the year						
	a) State Govt.	-1140.43					
	b) Market Borrowings (Bonds)	24.40					
	c) LIC						
	d) REC	700.96			1677.00		
	e) PFC				161.00		
	f) Banks	650.00			723.00		
	g) Others	81.85			725.00		
	h) WCL (Net)	1844.85			-148.00		
	Total:	2161.63			2868.00		

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
Financing of Capital Expenditure

PROFORMA-2
(Rs.Crore)

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
1	Block Capital						
	(a) Capital employed at the beginning of the year:						
	i) On Completed Works	18431.77			20692.23		
	ii) On Works-in-progress	3264.57			1008.26		
	(b) Capital employed during the year						
	i) On Completed Works	2014.48			1919.63		
	ii) On Works-in-progress	-350.26			1356.66		
	(c) Total: (a+b)	23360.56			24986.68		
2	Financing of Capital Expenditure						
	(a) i) State Govt. loans (Gross)						
	ii) Repayments, if any	1140.43					
	iii) Net Loans (i-ii)	-1140.43					
	(b) i) Market Borrowings (Gross)						
	ii) Repayments, if any	34.69					
	iii) Net Loans(i-ii)	-34.69					
	(c) i) Borrowings from LIC (Gross)						
	ii) Repayments, if any	55.16			10.01		
	iii) Net Loans(i-ii)	-55.16			-10.01		
	(d) i) Borrowings from REC (Gross)	700.97			1677		
	ii) Repayments, if any	-765.09			556.37		
	iii) Net Loans(i-ii)	-64.12			1120.63		
	(e) i) Borrowings from PFC (Gross)				161.00		
	ii) Repayments, if any	39.84			17.72		
	iii) Net Loans(i-ii)	-39.84			143.28		
	(f) i) Term loan from Banks (Gross)	650.00			723.00		
	ii) Repayments, if any	-95.36			167.05		
	iii) Net Loans (i-ii)	554.64			555.95		
	(g) i) Non SLR Bonds (Gross)	24.40					
	ii) Repayments, if any	-181.80					
	iii) Net Loans (i-ii)	-157.40					

PROFORMA-2 Contd:

Sr. No.	Item	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
	(h) Receipt of W.C.L. (Net)	1844.84			-418.00		
	(j) i) C.S.S./APDRP/RGGVY (Gross)	81.85			725.00		
	ii) Repayments, if any	-6.32			6.31		
	iii) Net Loans (i-ii)	75.53			718.69		
	(j) i) GACL. (Gross)						
	ii) Repayments, if any						
	iii) Net Loans (i-ii)						
3	<u>Assistance from Govt.:i. PMGY</u>						
	I Boarder Area						
	ii.APDRP						
	iii. Mandi Board						
	iv. RGGVY/Others						
4	Subsidy towards cost of Capital Assets from GOP	4.60					
5	Grant towards cost of Capital Assets from GOP	88.93					
6	Total Capital receipts for financing the Capital Exp./ Deficit	3395.59			2868.00		
7	Internal Resources (after providing for repayment of institutional loans)	-1381.50			-2791.71		
8	Total resources for Capital Expenditure (6+7)	2014.09			76.29		
9	i) Plan Expenditure	2014.59			3286.19		
	ii) Excess(+)/Short-fall(-) in funding				-3209.90		
	Total:	2014.59			3286.19		
10	<u>Capital Structure</u>						
	i) Equity portion	5.00					
	ii) Loans portion	15171.34			19992.54		
	iii) Loan converted into equity	2941.11					
	iv) Debt Equity ratio after conversion	5.15					
11	Equity diluted during the year						
12	Share held by the State Govt.after dilution				-		

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
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	2009-10(Actual)					2010-11(Actual)					2011-12 (Actuals)				
		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	THERMAL															
1	GNDTP-I & II	440.00	2723	3.00	83.94	70.66										
2	GGSSTP-I,II & III	1260.00	10056	2.63	92.09	91.11										
3	GHTP-I	920.00	6042	2.06	96.07	96.44										
4	GHTP-II	0.00	1474.17													
	Total(I)	2620	20295		92.47	88.43										
II	HYDEL															
1	Shanan Power House	110.00	510.50	0.38												
2	UBDC Power House	91.35	336.70	1.02												
3	Anandpur Sahib P.H.	134.00	574.40	0.66												
4	Mukerian Hydel Project	207.00	885.90	0.78												
5	Micro Hydel Schemes	5.60	12.79	1.23												
6	Ranjit Sagar Dam Project	452.40	1069.00	5.45												
	Total(II)	1000.35	3389													
	Total(I+II)	3620.35	23685													
III	PSEB share in Common Pool Projects	1257.77	3977	0.34												
	Grand Total(I+II+III)	4878.12	27662													

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	2012-13 (Estimates)				2012-13 (Revised Plan)					2013-14 (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>															
1	GNDTP-I & II	450.00	2815.00		81.10	71.41										
2	GGSSTP-I,II & III	1260.00	9300.00		91.00	84.26										
3	GHTP-I	920.00	7044.00		92.00	86.72										
	GHTP-II															
	Total(I)	2630.00	19104.00		89.91	82.92										
II	<u>HYDEL</u>															
1	Shanan Power House	110.00	545.11													
2	UBDC Power House	91.35	378.43													
3	Anandpur Sahib P.H.	134.00	678.76													
4	Mukerian Hydel Project	207.00	1112.37													
5	Micro Hydel Schemes	5.60	9.37													
6	Ranjit Sagar Dam Project	452.40	1454.69													
	Total(II)	1000.35	4178.73													
	Total(I+II)	3620.35	23282.73													
III	PSEB share in Common Pool Projects	1257.76	4210.26													
	Grand Total(I+II+III)	4888.11	27492.99													

**PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN-2013-14**

**Proforma-4
Energy sold:ES:(Mkwh)**

**Categorywise Energy sale/average rate per unit and Revenue
(Excluding State Electricity Duty)**

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

Sr. No.	Category of Consumers	2009-10 (Actuals)				2010-11 (Actuals)				2011-12 (Actuals)			
		Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Consumers	Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Consumers	Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Consumers
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic	7270 [22.24]	290.02	2108.48 [25.28]	4871970								
2	Commercial	2135 [6.53]	487.20	1040.17 [12.47]	823370								
3	Public Lighting	136 [0.42]	508.24	69.12 [0.83]	2297								
4	Irrigation & Dewatering	10626 [32.50]		-	1105517								
5	Industries:												
	i) L.T.(Small Power)	771 [2.36]	395.98	305.30 [3.66]	84813								
	ii) H.T.(Medium Power)	1609 [4.92]	441.72	710.72 [8.52]	23972								
	iii) Power Intensive & Spl. (Large supply)	8743 [26.74]	424.66	3712.82 [44.52]	5705								
6	Commom Pool	303 [0.93]	318.68	96.56 [1.16]									
7	Bulk/Grid supply	496 [1.52]	425.10	210.85 [2.53]	492								
8	Railway Traction	147 [0.45]	495.92	72.90 [0.87]	9								
9	Total (1 to 8) Net within State	32236 98.59	355.85*	8326.92 [99.86]	6918145								
10	Out side the State	460.81 1.41	26.13	12.04 [0.14]									
	Grand Total	32697 [100]	351.20	8338.96 [100]	6918145								
	Prior period adjustment			6.31									
	Total			8345.27									

*Rate per unit has been worked out after taking into account subsidy.For the year 2007-08,2008-09 and 2009-10 the amount of subsidy is Rs. 2848.04 crore,2601.73 and 3144.25 crore respectively.

Proforma-4(Contd)

Sr No	Category of consumers	2012-13 (Estimates)				2012-13 (Revised Estimates)				2013-14 (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	10082	391.13	3943.24	5643126								
		[27.16]		[33.97]									
2	Commercial	3126	564.00	1762.97	920390								
		[8.42]		[15.19]									
3	Public Lighting	129	554.96	71.64	2641								
		[0.35]		[0.62]									
4	Irrigation & Dewatering	11922	365.00	0.00	1232092								
		[32.12]											
5	Industries:												
	i) L.T.(Small Power)	939	455.00	427.36	89708								
		[2.53]		[3.68]									
	ii) H.T.(Medium Power)	1918	503.00	964.62	26245								
		[5.17]		[8.31]									
	iii) Power Intensive & Spl. (Large supply)	7856	503.00	3951.71	6573								
		[21.16]		[34.04]									
6	Commom Pool	305	327.41	100.00									
		[0.82]		[0.86]									
7	Bulk/Grid supply	576	505.78	291.33	500								
		[1.55]		[2.51]									
8	Railway Traction	156	585.45	91.33	9								
		[0.42]		[0.79]									
9	Total (1 to 8)	37009	440.59*	11604.20	7921284								
	Net within State	[99.70]		[99.96]									
10	Out side the State	111.49	44.85	5.00									
		[0.30]		[0.04]									
	Grand Total	37120	439.40*	11609.20	7921284								

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
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	Kg/ Kwh	Oil KL Total	ML/ Kwh	Coal (Rs.per MT)	Oil (Rs.per KL)	Coal	Oil	Total	Coal	Oil	Total
				5	6	7	8	9	10	11	12	13	14	15	16
1	2009-10 Actuals	i.GNDTP,Bathinda ii.GGSSTP,Ropar iii.GHTP,L.Mohabat iv.GHTP Stage-II	2723 10056 6042 1474	2027343 6688917 3631810	0.744 0.665 0.601	6770 6229.82 2215	1.57 0.62 0.37	2544 2780 2655	26008 24380 28536	523.57 1859.21 964.10	17.61 15.19 6.32	541.18 1874.40 970.42 235.85	192.25 184.89 159.57 0.00	6.47 1.51 1.05 0.00	198.72 186.40 160.61 0.00
		TOTAL:	20295	12348070						3346.88	39.12	3621.85	164.91	1.93	166.84
												30.46			
												3652.31			
2	2010-11 Actuals	i.GNDTP,Bathinda ii.GGSSTP,Ropar iii.GHTP,L.Mohabat													
		TOTAL:													
3	2011-12 Actuals	i.GNDTP,Bathinda ii.GGSSTP,Ropar iii.GHTP,L.Mohabat iv.GHTP Stage-II													
		TOTAL:													

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
Expenditure on Fuel

PROFORMA-5 (Contd.)
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	Oil ML Kwh	Coal (Rs.per MT)	Oil (Rs.per KL)	Coal (Rs.Crore)	Oil	Total	Coal	Oil	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	2012-13	i.GNDTP,Bathinda	2815	2083380	0.7401	7038	2.50	3186	39921	663.81	28.09	691.90	235.81	9.98	245.79
	Estimates	ii.GGSSTP,Ropar	9300	6168355	0.6633	9300	1.00	3299	37332	2034.78	34.72	2069.50	218.79	3.73	222.53
		iii.GHTP,L.Mohbat	6989	4343288	0.6214	6989	1.00	3172	45536	1377.89	31.83	1409.72	197.15	4.55	201.71
			19104	12595023						4076.48	94.64	4171.12	213.38	4.95	218.34
5	2012-13	i.GNDTP,Bathinda													
	(Revised	ii.GGSSTP,Ropar													
	Estimates)	iii.GHTP,L.Mohbat													
6	2013-14	i.GNDTP,Bathinda													
	Annual	ii.GGSSTP,Ropar													
	Plan	iii.GHTP,L.Mohbat													

PUNJAB STATE POWER CORPORATION LOMITED
ANNUAL PLAN 2012-13
Revenue Expenditure-Cost of Power Purchased

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

Sr. No.	Source	2009-10(Actuals)			2010-11 (Actuals)			2011-12 (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
A	Central Sector Purchase									
1	NTPC									
2	Anta	297	280.51	83.31						
3	Auraiya	528	229.92	121.47						
4	Dadri	766	255.80	195.94						
5	Singrauli	1711	146.36	250.37						
6	Rihand-I	1003	187.91	188.47						
7	Rihand -II	865	222.52	192.48						
8	Unchahar-I	290	248.45	72.10						
9	Unchahar-II	496	260.38	129.15						
10	Unchahar-III	168	285.01	47.89						
11	Farakha (ER)	224	303.83	67.95						
12	Kahal gaon-I (ER)	356	278.29	99.07						
13	Kahal gaon-II (ER)	402	281.44	113.14						
14	Kawas (WR)									
15	Dadri II									
16	IGSTPS Jhahhar									
17	Jhanor Gandhar(WR)									
18	Talchar	57	182.81	10.42						
19	NHPC									
20	Bairasuil	274	99.56	27.28						
21	Salal	772	73.96	57.10						
22	Tanakpur	72	133.89	9.64						
23	Chamera-I	202	144.26	29.14						
24	Chamera-II	169	309.59	52.32						
25	Uri	354	150.34	53.22						
26	Dhauliganga	136	204.26	27.78						
27	Dulhasti	229	503.54	115.31						
28	Sewa II									
		9371	207.40	1943.55						

PROFORMA-6 (Contd..)

Sr. No.	Source	2009-10(Actuals)			2010-11 (Actuals)			2011-12 (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	6	7	8	9	10	11	9	10	11
29	NPCIL									
30	NAPP	85	210.60	17.85						
31	RAPP-3 & 4	446	300.99	134.24						
32	RAPP-5 & 6	29	302.07	8.76						
33	Other Sources									
34	NJPC	788	275.93	217.43						
35	Tehri	175	619.66	108.44						
36	CENTRAL SECTOR	10894	223.09	2430.00						
37	PGCIL long term transmission			262.82						
	TOTAL CENTRAL SECTOR	10894	223.09	2693.09						
B	LONG TERM TRADERS									
1	Long term Co-gen plants	250	383.24	95.81						
2	Long term thro. Traders	644	367.13	236.43						
3	Tala									
4	Baglihar-I HEP									
	Total long term traders	894	371.63	332.24						
C	SHORT TERM TRADERS									
1	Traders/UI	1695	676.54	1146.74						
2	Short term Co-gen plants within	86	394.07	33.89						
	Total Short term traders	1781	662.90	1180.63						
E	Banking	-257.00	-150.70	38.73						
F	UI	1025.00	398.54	408.50						
G	UI(open access)									
H	Open Access	502.00								
	Total	14838.64	313.59	408.50						
	Add prior period			64.87						
	Total Purchase	14838.64	313.59	4718.06						

PROFORMA-6

Sr. No.	Source	2012-13 (Estimate)			2012-13 (Revised)			2013-14 (Estimate)		
		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	6	7	8	9	10	11	9	10	11
A	Central Sector Purchase									
1	NTPC									
2	Anta	303	444.91	135.00						
3	Auraiya	495	440.73	218.19						
4	Dadri	766	430.71	329.73						
5	Singrauli	1681	229.47	385.67						
6	Rihand-I	916	270.76	248.07						
7	Rihand -II	885	286.04	253.18						
8	Unchahar-I	266	327.75	87.20						
9	Unchahar-II	482	339.75	163.73						
10	Unchahar-III	148	382.69	56.81						
11	Farakha (ER)	234	480.02	112.33						
12	Kahal gaon-I (ER)	441	445.95	196.72						
13	Kahal gaon-II (ER)	573	522.59	299.49						
14	Kawas (WR)									
15	Dadri II	178	485.44	81.63						
16	IGSTPS Jhahhar	24	749.06	17.97						
17	Jhanor Gandhar(WR)									
18	Talchar									
19	NHPC									
20	Bairasuil	289	163.55	47.25						
21	Salal	804	91.40	73.48						
22	Tanakpur	65	242.43	15.85						
23	Chamera-I	215	164.01	35.23						
24	Chamera-II	170	287.18	48.93						
25	Uri	375	145.94	54.78						
26	Dhauliganga	135	282.16	38.10						
27	Dulhasti	234	550.60	128.94						
28	Sewa II	46	480.28	21.92						
	TOTAL:	9726	313.60	3050.00						

PROFORMA-6 (Contd..)

Sr. No.	Source	2012-13 (Estimate)			2012-13 (Revised)			2013-14 (Estimate)		
		Purchase	Rate	Total	Purchase	Rate	Total	Purchase	Rate	Total
		(Mkwh)	(Paise/ Kwh)	Cost (Rs.Cr.)	(Mkwh)	(Paise/ Kwh)	Cost (Rs.Cr.)	(Mkwh)	(Paise/ Kwh)	Cost (Rs.Cr.)
1	2	6	7	8	9	10	11	9	10	11
29	NPCIL									
30	NAPP	109.10	221.68	24.19						
31	RAPP-3 & 4	360.40	270.71	97.56						
32	RAPP-5 & 6	243.60	327.37	79.74						
33	Other Sources									
34	NJPC	758.30	257.02	194.89						
35	Tehri	236.30	600.33	141.84						
36	NHPC	121.70	368.88	44.90						
37	Parbati-II	169.60	371.31	62.96						
38	Sewa-II									
39	Parbati-III									
40	Chamera-III	103.90	371.30	38.56						
41	Pakaldul HEP									
42	Uri-II HEP	177.00	371.33	65.74						
43	UPCL									
44	Pargati III									
45	THDC									
46	Koteshwar HEP	67.99	380.20	25.85						
47	Durgapur TPS	1253.19	368.30	461.55						
48	Raghunathpur TPS	468.66	368.31	172.61						
49	Bokaro TPS	624.87	368.30	230.14						
50	CENTRAL SECTOR	14421	325.27	4691						
51	PGCIL long term transmission			572.68						
52	TOTAL CENTRAL SECTOR	144211	325.27	5263.41						

PROFORMA-6 (Contd..)

Sr. No.	Source	2009-10(Actuals)			2010-11 (Actuals)			2011-12 (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	6	7	8	9	10	11	9	10	11
		(Mkwh)	Kwh)	(Rs.Cr.)	(Mkwh)	Kwh)	(Rs.Cr.)			
1	2	6	7	8	9	10	11	9	10	11
		(Mkwh)	Kwh)	(Rs.Cr.)	(Mkwh)	Kwh)	(Rs.Cr.)			
B	LONG TERM TRADERS									
1	Long term Co-gen plants									
2	Long term thro. Traders	723.80	454.77	329.15						
3	Tala	99.00	209.09	20.70						
4	Baglihar-I HEP									
5	PTC									
6	Dheeru TPS									
7	Tiesta-III HEP									
8	Karcham Wangtoo HEP									
9	Malana-2 HEP	401.50	277.46	111.39						
10	Udip (UPCL)	629.20	372.26	234.23						
11	PRAGATI									
12	Bawana (Pragati) Gas station	902.90	367.20	331.54						
18	Mundra UMPP	1479.20	234.83	347.36						
	Total Long term Traders	4236.00	324.49	1347.37						
C	SHORT TERM TRADERS									
1	Traders	2159.87	538.55	1163.19						
2	Short term Co-gen plants within	126.19	423.81	53.48						
	Total Short term traders	2286.00	532.21	1216.67						
D	LONG TERM WITH IN PUNJAB									
	<u>PUNJAB OWN PROJECTS</u>									
1	Talwandi Sabo TPS	1646.10	286.43	471.78						
E	Banking	-3671.20	304.68	-1118.55						
F	UI									
G	UI (open access)									
	Total Purchase	18917.42	380.99	7207.38						

PUNJAB STATE POWER CORPORATION LIMITED

ANNUAL PLAN 2013-14

Revenue Expenditure , Operating & Maintenance /Establishment and Administrative Charges

**PROFORMA-7
(Rs. Crore)**

Sr. No.	Component of Expenditure	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	4	5		6	7	8
I	<u>Operating & Maintenance</u>						
1	a) Base Level expenditure of the previous year						
	b) Less non recurring expenditure				-		
	c) Balance	385.34			562.15		
2	Normal Annual Increase						
3	Increase due to commissioning of new units/lines						
4	Others items						
	Total:	385.34			562.15		
5	Cost per unit of sale (Paise/Kwh sold)	11.78			15.14		
II	<u>Establishment & Admn.Charges</u>						
1	a) Base level expenditure of the previous year						
	b) Less non recurring expenditure						
	c) Balance	2579.59			3846.17		
2	Normal Annual Increase				(including arrears of pay revision)		
3	Increase due to commissioning of new units/lines						
4	Increase due to D.A.						
5	Increase due to Revision of Pay/ Pension (As per recommendation of 5th Pay Commission)				100.00 (Pension)		
	Total:	2579.59			3946.17		
6	Wage Bill	2502.98			3834.72		
7	Cost per unit of sale(Paise/Kwh Sold)	78.89			106.31		

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14

PROFORMA-8
(Rs. Crore)

Rate of Return on Net Fixed Assets

Sr. No.	Items	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
A	<u>INCOME</u>						
	Revenue Receipts from:						
	1) Electricity Sales	8345.27			11609.20		
	2) Misc. Revenue	760.22			700.07		
	3) Subsidy						
	i. Domestic consumers	339.26			350.00		
	ii. A.P. consumers	2804.99			4351.41		
	iii Subsidy for earlier years						
	Total: A	12249.74			17010.68		
B	<u>EXPENDITURE</u>						
	1. Fuel	3652.31			4171.13		
	2. Power Purchased	4718.06			7207.38		
	3. Operating & Maintenance	385.34			562.15		
	4. Establishment	2579.59			3946.17		
	5. Depreciation	805.90			770.32		
	6. Wheeling Charges				568.65		
	7. Other(Finance Charges etc.)	12.11			60.50		
	Total:B	12153.31			17286.3		
C	Operating Income (A-B)	96.43			-275.62		
D	Interest due						
	a) To Financial Institutions	1646.31			2643.85		
	b) To State Govt.						
	Total:D	1646.31			2643.85		
E	Net Surplus/Deficit(C-D)	-1549.88			-2919.47		
F	Value of net fixed assets employed at the beginning of the year	8117.48			10938.04		
G	Rate of Return(%)	-19.09			-26.69		
H	Increase in Av. tariff required (Paaise/Kwh)to obtain						
	a) 0% Rate of Return	18.57			25.15		
		[47.40]			[78.65]		
	b) 3% Rate of Return	21.49			27.97		
		[54.85]			[87.49]		

PUNJAB STATE POWER CORPORATION LIMITED

ANNUAL PLAN 2013-14

Outstanding dues to the Central Undertakings & others

PROFORMA -9

(Rs. Crore)

Sr. No.	Name of the Undertakings	Dues Upto 31.3.11	Dues from 1.4.2011 to 31.3.2012	Position of outstanding as on 30.9.2012	Remarks
1	2	3	4	5	6

PUNJAB STATE POWER CORPORATION LIMITED

Annual Plan 2013-14

Electricity Consumption

PROFORMA-10

(Million Kwh)

Sr. No.	Item	2009-10 (Actuals)		2010-11 (Actuals)		2011-12 (Actual)		2012-13(Estimates)		2012-13(R.E.)		2013-14 (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	290.01	7270.00					391.13	10081.65				
			[22.24]						[27.16]				
2	Agricultural		10626.00					0.00	11921.68				
			[32.50]						[32.12]				
3	a) Industry LT	425.14	11123.00					498.79	10713.27				
	b) Industry HT		[34.02]						[28.86]				
4	Railway	496.46	147.00					585.45	156.00				
			[0.45]						[0.42]				
5	Commercial & Public Lighting	488.46	2271.00					563.64	3254.93				
			[6.95]						[8.77]				
6	a) Bulk & Grid	424.79	496.00					505.78	576.00				
			[1.52]						[1.55]				
	b) Common Pool	318.68	303.00					327.41	305.43				
			[0.93]						[0.82]				
	Total:(1 to 6)	355.85	32236.00					313.55	37008.96				
			[98.59]						[99.70]				
7	Outside the State	26.13	461.00					44.85	111.49				
			[1.41]						0.30				
8	Shanan Royalty & RSDP-H.P.share												
	Grand Total	351.20	32697.00					439.40*	37120.00				
			[100.00]										
9	No. of Households Elect (No.of Cons.)												

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2013-14
Private Sector Power Projects

Proforma - 11

Sr. No.	Items	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8
1	Name of Project	As per details on next pages					
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)						
7	Cost of Generation (Paise/Kwh)						
8	PLF as per PPA(%)						

PUNJAB STATE POWER CORPORATION LIMITED

ANNUAL PLAN 2013-14

Efficiency Improvements

Proforma-12

Sr. No.	Items	Unit	2009-10	2010-11 Actual	2011-12 Actual	2012-13 Estimates	2012-13 Revised Estimates	2013-14 Annual Plan
1	2	3	4	5	6	7	8	9
A	i) Total Energy Input	(MU)	40741			44638		
	ii) Energy Billed	(MU)	32697			37120		
	iii) Billing Efficiency (ii)/(i)x100	(%)	80.26			83.16		
	iv) Actual Energy Billed	(Rs.Crore)	11489			16311		
	v) Revenue Realised from sale of Power	(Rs.Crore)	11650					
	vi) Collection efficiency (v)/(iv)x100	(%)	101.40					
	vii) AT&C Losses {1-[(iii)/100x(vi)/100]x100}	(%)	18.62					
	viii) Reduction in AT&C Losses	(%)						
B	i) T&D Losses	(%)	20.12			17.00		
	ii) Reduction in T&D Losses	(%)	0.20			-0.50		
C	i) Level of Cash Losses of PSPCL (Net of increase attributable to tariff revision)	(Rs.Cr)						
	ii) Reduction of Cash Losses of PSPCL as compared to previous year	(Rs.Cr) (%)						

PUNJAB STATE POWER CORPORATION LIMITED
ANNUAL PLAN 2012-13
Break- up of Outlay- Power Sector

Proforma -13
(Rs. Crore)

Sr No.	Discription	2009-10			2010-11			2011-12			2012-13			2013-14	
		Approved		Actual expenditure	Approved		Actual expenditure	Approved		Actual expenditure	Approved		Actual expenditure	Proposed Out lay by PSPCL	
		Outlay (PSPCL)	Plan	Outside Plan	Outlay (PSPCL)	Plan	Outside Plan	Outlay	Plan	Outside Plan	Outlay (PSPCL)	Plan	Outside Plan	Plan	
1	2	3	4	5	6	7	8				12	13	14	15	
1	Generation Schemes	101.15	95.44		355.10	118.87		100.00	9.77						
2	R&M Schemes	366.67	112.80		464.90	184.07		256.00	27.34						
3	Transmission & Distribution Schemes	1906.68	282.41 765.08		1750.00	448.93 1342.52		160.00 854.25	3.39 304.03						
4	Rural Electrification Schemes	18.50	11.49												
5	Misc. Schemes	200.00	21.79		30.00										
6	Total	2593.00	1289.01		2600.00	2094.39		1370.25	344.53						

Information ticked at various points in proformae 1 to 13 before sending to the following offices.

Sr. No.	Name of the office	Proformae
1	CE/RE & APDRP	Proformae 1-Sr.18, 25, 27 XX, XXI, XXIV Proformae 2, 7, 9 Full, Ticked on the top of proformae
2	CE/Commercial	Proformae 1 Point No.12, 27 V to VII, XIII, XVII, XXVIII Proformae 4, 7, 10 Full-Ticked on the top of proformae
3	CE/Hydel Projects	Proformae 1 Point No.1 to 26 Proformae 3, 7, 9 Full-Ticked on the top of proformae
4	GM/O&M, Ropar	Proformae 1 Point No.1 to 16 Proformae 3, 5, 7, 8, 9 Full-Ticked on the top of proformae
5	GM/GNDTP, Bathinda	Proformae 1 Point No.1 to 16 Proformae 3, 5, 7, 9 Full-Ticked on the top of proformae
6	CE/GHTP, Lehra Mohabat	Proformae 1 Point No.1 to 16 Proformae 3, 5, 7, 9 Full-Ticked on the top of proformae
7	CE/Planning	Proformae 1 Sr. 1 to 26, 27 XXV, Proformae 2-Point No.9 Proformae 3, 4, 7, 11 & 13 Full-Ticked on the top of proformae
8	CE/SO&C	Proformae 1 Point No.1 to 14 Proformae 3, 6, 7 Full-Ticked on the top of proformae
9	CAO/A&R	All proformae
10	Accounts & Finance Manager, GNDTP, BTI	Proformae 1 Sr.13, 14 Proformae 2, 5, 7 Full-Ticked on the top of proformae
11	FA & CAO, GGSSTP, Ropar	Proformae 1 Point No.13,14,16,24 Proformae 3, 5, 7, 9 Full-Ticked on the top of proformae
12	Dy FA/Bonds	Proformae 1 Point No.18,25,27 XX,XXIV Proformae 2 & 7-Full-Ticked on the top of proformae
13	Dy. CAO/GHTP, Lehra Mohabat	Proformae 1 Point No.13 (b), 14, 16 Proformae 3, 5, 7, 9- Full-Ticked on the top of proformae
14	Dy.CAO/MM (CPC)	Proformae 2, 7, 9-Full-Ticked on the top of proformae
15	AO/Banking (L&D)	Proformae 1 Point No.18, 22, 26, 27 XX, XXIV Proformae 2, 7-Full-Ticked on the top of

		proformae
16	AO/Thermal Design	Proformae 2, 7, 9-Full-Ticked on the top of proformae
17	AO/CPC (Under GM/Finance)	Proformae 2, 7, 9-Full-Ticked on the top of proformae
18	AO/Debenture	Proformae 1 Point No.18, 27 XX, XXIV Proformae 2, 7-Full-Ticked on the top of proformae
19	AO/GPF	Proformae 1 Point No.18 (IX) Proformae 7-Full-Ticked on the top of proformae
20	CAO/Revenue	Proformae 1 Point No.13, 27 (XVIII) Proformae 4, 7-Full-Ticked on the top of proformae
21	SE/ISB, Ablawal	Proformae No.6 Full-Ticked on the top of proformae

प्रमुख अधिकारी
 डी.ए. अकाउंट्स/आर.ए.
 प्रमुख असेट प्रमुख अकाउंट्स विभाग
 प्रद्विभागा