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**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**SUMMARY STATEMENT**

**Proforma-1**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
<b>1</b>	<b>Installed Capacity(MW) at the end of the year (Details in Proforma-3)</b>						
	i) Hydel	2308.55	2308.55	2308.55	2308.55	2308.55	2326.55
	ii) Steam	2620.00	2620.00	2630.00	2640.00	2630.00	2640.00
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total-1</b>	<b>4928.55</b>	<b>4928.55</b>	<b>4938.55</b>	<b>4948.55</b>	<b>4938.55</b>	<b>4966.55</b>
<b>2</b>	<b>Gross Generation inclusive of auxiliary consumption(Mkwh)(details in Proforma-3)</b>						
	i) Hydel	9262.00	9957.00	8378.00	8678.34	9140.00	9003.00
	ii) Steam	18326.00	19068.00	18014.00	19556.00	18048.00	19527.00
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total:!</b>	<b>27588.00</b>	<b>29025.00</b>	<b>26392.00</b>	<b>28234.34</b>	<b>27188.00</b>	<b>28530.00</b>
3	Overall Plant Availability (Thermal) (%)	85.35	87.90	86.31	91.76	87.74	90.88
4	Overall PLF (Thermal) (%)	79.85	83.08	78.19	84.56	78.34	84.44

**Note :** The information/data of 2010-11 includes figures for the period 1.4.2010 to 16.4.2010 pertaining to erstwhile PSEB.

Performa-I(Contd)

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
5	Auxiliary Consumption (Mkwh) with % in brackets below :-						
	i) Hydel	47.00 {0.51}	48.00 {0.48}	42.00 {0.50}	41.35 {0.48}	35.00 {0.38}	42.00 {0.47}
	ii) Steam	1549 {8.45}	1617.00 {8.48}	1519.00 {8.43}	1737.71 {8.89}	1584.00 {8.78}	1739.00 {8.91}
	iii) Gas						
	iv) Diesel						
	v) Others(Wind etc.)						
	<b>Total-I</b>	<b>1596.00</b>	<b>1665.00</b>	<b>1561.00</b>	<b>1779.06</b>	<b>1619.00</b>	<b>1781.00</b>
<b>6</b>	<b>Net Generation(2-5) (Mkwh)</b>	<b>25992.00</b>	<b>27360.00</b>	<b>24831.00</b>	<b>26455.28</b>	<b>25569.00</b>	<b>26749.00</b>
7	Power Purchased(Mkwh)						
	i) Purchase from Central Sector	12086.76	10789.92	12129.11	12464.66	12078.90	10265.73
	ii) Purchase from IPPs/Private Sector	3544.24	3208.00	6825.07	10504.41	7961.60	12092.11
	iii) Purchase from State Utility	-	-	-	-	-	-
	iv) Purchase from others	-963.01	837.08	131.82	-1710.07	1.80	-163.14
	<b>Total (i) (ii) (iii) and (iv)</b>	<b>14668.00</b>	<b>14835.00</b>	<b>19086.00</b>	<b>21259.00</b>	<b>20042.31</b>	<b>22194.70</b>
8	Total Energy availability(6+7) (Mkwh)	40660.00	42195.00	43917.00	47714.28	45611.31	48943.70
9	T&D Losses(Mkwh)						
	i) Transmission Losses	7177.00	7151.00	7229.00	7803.37	7426.00	7764.00
	ii) Distribution Losses						
10	% of T&D Losses (9 as of 8)	17.98	17.25	16.63	16.50	16.44	16.00
11	Energy available for sale(Mkwh) (Details in Proforma-4)						
	i) Within State	33045.00	34599.00	36528.00	39793.57	38031.73	41050.96
	ii) Outside the State	438.00	445.00	160.00	117.43	153.34	128.58
	iii) Energy sale through trading/UI				-		
	<b>Total-11(i+ii+iii)</b>	<b>33483.00</b>	<b>35044.00</b>	<b>36688.00</b>	<b>39911.00</b>	<b>38185.07</b>	<b>41179.54</b>

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

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
12	Av.rate for sale (Paise/Kwh)						
	i) Within State	393.85	441.81	514.25	516.81	557.73	556.50
	ii) Outside the State	199.57	164.29	104.38	43.09	104.41	104.37
	iii) Energy sale through trading/UI						
	<b>Sub-total (i) (ii) and (iii)</b>	<b>391.31</b>	<b>438.28</b>	<b>512.46</b>	<b>515.42</b>	<b>555.91</b>	<b>555.09</b>
13	Revenue Receipts						
	a) Revenue from sale						
	i) Within the State	9656.62	11186.48	13481.72	14643.44	15673.17	16988.05
	ii) Outside the State	87.41	73.11	16.70	5.06	16.01	13.42
	iii) Trading/UI	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Sub-Total:-(i+ii+iii)</b>	<b>9744.03</b>	<b>11259.59</b>	<b>13498.42</b>	<b>14648.50</b>	<b>15689.18</b>	<b>17001.47</b>
	b) Arrears						
	c) Subsidy for:-						
	i) Domestic consumers	269.28	344.70	698.26	725.88	839.83	924.00
	ii) Agriculture consumers	2736.58	3749.75	4606.26	5196.53	4698.45	4932.92
	iii) Other subsidy/ Subsidy for earlier years	335.48	9.54	0.00	0.00	0.00	0.00
	<b>Sub Total:(i+ii+iii)</b>	<b>3341.34</b>	<b>4103.99</b>	<b>5304.52</b>	<b>5922.41</b>	<b>5538.28</b>	<b>5856.92</b>
	d) FSA						
	e) Misc. Receipts	582.62	739.96	944.99	906.36	686.01	715.56
	<b>Total:-13 (a+b+c+d+e)</b>	<b>13667.99</b>	<b>16103.54</b>	<b>19747.93</b>	<b>21477.27</b>	<b>21913.47</b>	<b>23573.95</b>
14	Revenue Expenditure						
	i) Fuel (Details in Performa -5 A)	3400.69	3590.81	3870.57	4905.80	4511.13	4997.60
	ii) Power purchased * (Details in Proforma-6)	6253.12	6223.33	8088.90	9571.41	8975.04	10581.07
	iii) O&M Expenses (Details in Proforma-7)	3672.13	4128.35	4345.38	4994.05	4876.09	5966.42
	iv) Others	83.17	52.06	164.79	94.48	134.18	144.89
	<b>Total :-14</b>	<b>13409.12</b>	<b>13994.55</b>	<b>16469.64</b>	<b>19565.74</b>	<b>18496.44</b>	<b>21689.98</b>
	Actual/Expected Cash Subsidy Received	3377.18	4182.00	5059.39		**5538.28	5856.92

\* Power Purchase Cost includes Transmission Charges paid/payable to PSTCL of Rs. 401.97 crore, Rs. 491.45 crore, Rs. 830.05 crore, Rs. 890.84 crore, Rs. 1269.64 crore and Rs. 1333.12 crore during the above years respectively.

\*\* Out of this, Rs. 3385 crore has been received upto 30.11.2013 which includes proportionate amount of ED retained amounting to Rs. 1135 crore

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

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
15	Gross Operating Surplus(+)/Deficit(-) (13-14)	258.87	2108.99	3278.29	1911.53	3417.03	1883.97
16	Depreciation due	753.23	714.72	762.41	814.45	813.59	863.36
17	Net Operating Surplus(+)/Deficit(-) after Depreciation(15-16)	-494.36	1394.27	2515.88	1097.08	2603.44	1020.61
18	Interest Payable to Institutional Creditors						
	i) Market loans(SLR Bonds)	5.70	2.93	0.00	0.00	0.00	0.00
	ii) LIC Loans	5.93	3.08	1.93	0.62	1.15	0.35
	iii) REC Loans	473.75	544.34	615.72	787.19	680.89	914.57
	iv) PFC Loans	9.16	7.87	6.51	5.74	12.72	12.95
	v) Other Loans (Including Banks)	1219.96	1616.57	1822.99	1913.72	1955.37	2122.48
	<b>Total:- 1¢</b>	<b>1714.50</b>	<b>2174.79</b>	<b>2447.15</b>	<b>2707.27</b>	<b>2650.13</b>	<b>3050.35</b>
19	Net Operating Surplus(+)/Deficit(-) after interest to Institutional Creditors (17-18)	-2208.86	-780.52	68.73	-1610.19	-46.69	-2029.74
20	Interest due to State Govt.	88.38	24.21	18.79	0.00	13.37	7.95
21	Commercial Profit(+)/Loss(-)with Subsidy(19-20)	-2297.24	-804.73	49.94	-1610.19	-60.06	-2037.69
22	Commercial Profit(+)/Loss(-)without Subsidy(21-13)	-5638.58	-4908.72	-5254.58	-7532.60	-5598.34	-7894.61
23	Interest actually paid to State Govt.	88.38	24.21	18.79	0.00	13.37	7.95
24	<b>Retained Surplus(+)/Deficit(-) (19-23)</b>	<b>-2297.24</b>	<b>-804.73</b>	<b>49.94</b>	<b>-1610.19</b>	<b>-60.06</b>	<b>-2037.69</b>

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

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
<b>25</b>	<b>INTERNAL RESOURCES</b>						
	i) Retained revenue Surplus(+)/Deficit(-)	-2297.24	-804.73	49.94	-1610.19	-60.06	-2037.69
	ii) Depreciation	753.23	714.72	762.41	814.45	813.59	863.36
	iii) Debt, Deposits & other receipts(net)	-893.10	1172.53	-1093.87			
	iv) Provident Fund/Pension Fund (net)						
	v) Consumers Contributions	164.41	250.67	281.84	300.00	250.00	300.00
	vi) Actual Subvention from Govt.	0.00	0.00	0.00			
	vii) Draw down inventory	-179.95	-28.48	-56.19			
	viii) Draw down of Cash	175.85	-97.95	231.80			
	ix) Other, if any						
	<b>Gross (Internal Resources) at current rates of tariff ( i to ix)</b>	<b>-2276.80</b>	<b>1206.76</b>	<b>175.93</b>	<b>-495.74</b>	<b>1003.53</b>	<b>-874.33</b>
<b>26</b>	<b>Repayments of loans</b>						
	i) To LIC	12.92	11.61	10.01	8.26	8.26	6.34
	ii) To REC	401.90	537.65	593.08	689.45	669.36	719.87
	iii) To PFC	21.31	19.15	17.91	17.73	17.72	17.73
	iv) To State Govt., if any	0.00	981.93	63.73	0.00	63.73	63.73
	v) Others	151.64	182.99	173.45	266.31	255.59	396.66
	<b>Total :- 2€</b>	<b>587.77</b>	<b>1733.33</b>	<b>858.18</b>	<b>981.75</b>	<b>1014.66</b>	<b>1204.33</b>
<b>27</b>	<b>Net Internal Resources at current rates tariff (25-26)</b>	<b>-2864.57</b>	<b>-526.57</b>	<b>-682.25</b>	<b>-1477.49</b>	<b>-11.13</b>	<b>-2078.66</b>

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

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
<b>28</b>	<b>Other Supporting Information:</b>						
	i) Net fixed assets in service at the beginning of the year (Rs.Crore)	11562.39	30043.98	30183.35	30213.04	30600.92	32047.89
	ii) Cumulative depreciation at the beginning of the year (Rs.Crore)	8883.86	8467.62	9139.52	10103.39	9864.85	10678.44
	iii) Cumulative depreciation at the end of the year(Rs.Crore)	8467.62	9139.52	9864.85	10917.84	10678.44	11541.80
	iv) Break up of interest due to State Govt. and Institutional Creditors at the end of the year on account of:-						
	(a) Works-in-progress	189.90	267.71	246.26	105.41	220.00	385.00
	(b) Completed works	623.91	693.95	823.95	1135.67	842.44	1049.40
	<b>Total:(a+b)</b>	<b>813.81</b>	<b>961.66</b>	<b>1070.21</b>	<b>1241.08</b>	<b>1062.44</b>	<b>1434.40</b>
	v) State Electricity Duty (SED) (collected)	1115.64	1405.77	1554.85	1695.00	1695.00	1865.00
	vi) State Electricity Duty Paise per unit realized from consumers who pay such duty	48.73	57.75	60.42	62.05	62.78	63.29
	vii) State Electricity Duty per unit of total sales(Paise)	33.32	40.11	42.38	42.47	44.39	45.29
	viii) No. of Employees of the Company at the end of the year						
	a) Technical Staff	52460	49100	48663	44132	44684	40728
	b) Non Technical Staff						
	ix) No. of employees per million Kwh sold	1.57	1.40	1.33	1.11	1.17	0.99
	x) No. of consumers at the end of year	7320631	7604644	7885076	8332328	8184223	8495271

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

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
	xi) No. of employees per 1000 Consumers	7.17	6.46	6.17	5.30	5.46	4.79
	xii) (a) Subsidy as claimed by SPU at the end of the year	3341.34	4103.99	5304.52	5922.41	5538.28	5856.92
	(b) Subsidy as received by SPU at the end of the year	3377.18	4182.00	5059.39	5922.41	5538.28	5856.92
	(c) Balance due	(35.84)	(78.01)	245.13	-	-	-
	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	3189.48	3692.48	3875.23	4370.34	4306.92	5315.90
	(b) For General Staff						
	xv) Outstanding interest due to State Govt. at the end of the year	-	-	-	-	-	-
	xvi) Equity Capital, if any	6081.47	6081.47	6081.47	6081.47	6081.47	6081.47
	xvii) a. Date of tariff revision(indicate the date in each year)	23.04.2010 (w.e.f 1.4.10)	09.05.2011 (w.e.f 1.4.11)	16.07.2012 (w.e.f 1.4.12)		10.04.2013 (w.e.f 1.4.13)	
	b. Tariff awarded by PSERC (Yes/No)	Yes	Yes	Yes		Yes	
	xviii) Revenue arrears at the end of the year						
	(a) Amount realizable (excluding Bad debts)	1025.07	1120.11	1158.74			
	(b) Bad debts amount	0.10	3.79	0.49			
	(c) As% of sales revenue of the year	7.50%	6.96%	5.87%			
	(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						



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

Sr.	Item	2010-11	2011-12	2012-13	2013-14	2013-14	2014-15
No.		Actual	Actual	Provisional	Estimates	Revised	Annual
						Estimates	Plan
1	2	3	4	5	6	7	8
	<b>xx) Loan outstanding at the end of the year:</b>						
	(a) State Govt.	1178.85	221.13	151.98	0.00	82.83	13.68
	(b) Market loan	370.98	340.00	340.00	0.00	840.00	1840.00
	(c) LIC loan	36.22	24.61	14.60	6.34	6.34	0.00
	(d) REC loan	4547.08	5153.57	5227.84	6486.91	5373.08	6953.21
	(e) PFC loan	115.93	96.78	78.87	61.14	133.05	115.32
	(f) Other Loans (Including Banks)	1995.80	2301.20	2138.01	2848.95	2195.92	2399.26
	<b>Sub Total (a to f)</b>	<b>8244.86</b>	<b>8137.29</b>	<b>7951.30</b>	<b>9403.34</b>	<b>8631.22</b>	<b>11321.47</b>
	(g) Working capital loans	10361.15	10819.65	11841.43	11172.42	12014.43	11508.14
	<b>Total:(a to g)</b>	<b>18606.01</b>	<b>18956.94</b>	<b>19792.73</b>	<b>20575.76</b>	<b>20645.65</b>	<b>22829.61</b>
	<b>xxi) Inventory on revenue(Maintenance) account at the end of the year</b>						
	(a) Coal	341.82	357.96	411.93	351.69	411.93	411.93
	(b) Oil	42.21	30.44	28.19	35.03	28.19	28.19
	(c) Others	87.74	111.85	119.27	209.45	119.27	119.27
	<b>(d) Total:</b>	<b>471.77</b>	<b>500.25</b>	<b>559.39</b>	<b>596.17</b>	<b>559.39</b>	<b>559.39</b>
	(e) % of Inventory to Sales Revenue of the year	4.84%	4.44%	4.14%	4.07%	3.57%	3.29%
	xxii) Amount due from other Boards/Agencies						
	xxiii) Equity Capital , if any during the year	6081.47					

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

Sr.	Item	2010-11	2011-12	2012-13	2013-14	2013-14	2014-15
No.		Actual	Actual	Provisional	Estimates	Revised	Annual
						Estimates	Plan
1	2	3	4	5	6	7	8
	<b>xxiv) Loan sanctioned during the year</b>						
	a) State Govt.	0.00	0.00	0.00	0.00	0.00	0.00
	b) Market Borrowings	0.00	0.00	0.00	0.00	500.00	1000.00
	c) LIC	0.00	0.00	0.00	0.00	0.00	0.00
	d) REC	1222.33	1144.14	658.41	1330.00	814.60	2300.00
	e) PFC	0.00	0.00	0.00	0.00	71.90	0.00
	f) Others	368.55	457.41	16.44	570.00	313.50	500.00
	g) Working Capital Loan (Net)	3261.31	458.50	1021.78	492.49	173.00	-506.29
	<b>Total:</b>	<b>4852.19</b>	<b>2060.05</b>	<b>1696.63</b>	<b>2392.49</b>	<b>1873.00</b>	<b>3293.71</b>
	<b>xxv) No: of rural household electrified</b>						
	a) RGGVY	36262	5528	26479			
	b) Non-RGGVY	109920	109783	61489			
	c) BPL	36262	5528	26479			
	d) No. of villages un-electrified	NIL	NIL	NIL			
	e) No. of household un-electrified	4550	8983	4544			

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

**PROFORMA-2**  
**(Rs.Crore)**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
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	37638.21	38433.98	39190.61	40316.47	40470.33	42726.33
	ii) On Works-in-progress (GH-14)	669.21	732.24	1401.05	1403.71	1502.60	1197.16
	(b) Capital employed during the year						
	i) On Completed Works	921.75	798.93	1109.28	1438.00	2256.00	2200.00
	ii) On Works-in-progress	63.03	668.81	101.54	762.00	-305.43	1907.62
	<b>(c) Total: (a+b)</b>	<b>39292.20</b>	<b>40633.96</b>	<b>41802.48</b>	<b>43920.18</b>	<b>43923.49</b>	<b>48031.12</b>
<b>2</b>	<b>Financing of Capital Expenditure</b>						
	(a) i) Loans received under R-APDRP (Part-A)		59.76			13.50	
	ii) Loans received under R-APDRP (Part-B)	68.55	147.65	16.44			
	iii) Grants received under R-APDRP & RGGVY						
	iv) Grants received under R-APDRP & RGGVY						
	v) Other Subsidy and grants received						
	(b) i) State Govt. loans (Gross)	0.00	0.00	0.00	0.00		
	ii) Repayments, if any	0.00	957.72	69.15	0.00	69.15	69.15
	iii) Net Loans (i-ii)	0.00	-957.72	-69.15	0.00	-69.15	-69.15
	(c) i) Market Borrowings (Gross)	0.00	0.00	0.00	0.00	500.00	1000.00
	ii) Repayments, if any	28.17	30.98	0.00	0.00	0.00	0.00
	iii) Net Loans(i-ii)	-28.17	-30.98	0.00	0.00	500.00	1000.00
	(d) i) Borrowings from LIC (Gross)	0.00			0.00		
	ii) Repayments, if any	12.92	11.61	10.01	8.26	8.26	6.34
	iii) Net Loans(i-ii)	-12.92	-11.61	-10.01	-8.26	-8.26	-6.34
	(e) i) Borrowings from REC (Gross)	1222.33	1144.14	658.41	1330.00	814.60	2300.00
	ii) Repayments, if any	401.90	537.65	593.08	689.45	669.36	719.87
	iii) Net Loans(i-ii)	820.43	606.49	74.27	640.55	145.24	1580.13
	(f) i) Borrowings from PFC (Gross)				0.00	71.90	0.00
	ii) Repayments, if any	21.31	19.15	17.91	17.73	17.72	17.73
	iii) Net Loans(i-ii)	-21.31	-19.15	-17.91	-17.73	54.18	-17.73
	(g) i) Borrowings from others (Gross)	300.00	250.00	0.00	570.00	300.00	500.00
	ii) Repayments, if any	123.47	152.01	173.45	266.31	255.59	296.66
	iii) Net Loans (i-ii)	176.53	97.99	-173.45	303.69	44.41	203.34
	(h) Working Capital Loans (Net)	3261.31	458.50	1021.78	492.49	173.00	-506.29

**PROFORMA-2 (Contd)**  
**(Rs.Crore)**

Sr. No.	Item	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
3	Total Capital receipts for financing the Capital Expenditure	4852.19	2060.05	1696.63	2392.49	1873.00	3293.71
4	Internal Resources (after providing for repayment of institutional loans)	-2864.57	-526.57	-682.25	-1477.49	-11.13	-2078.66
<b>5</b>	<b>Total resources for Capital Expenditure (3+4)</b>	<b>1987.62</b>	<b>1533.48</b>	<b>1014.38</b>	<b>915.00</b>	<b>1861.87</b>	<b>1215.05</b>
6	Capital Expenditure						
	i) Plan	1911.95	1552.11	1249.30	2200.00	1950.57	4107.62
	ii) Outside the plan						
	<b>TOTAL - 6 (i+ii)</b>	<b>1911.95</b>	<b>1552.11</b>	<b>1249.30</b>	<b>2200.00</b>	<b>1950.57</b>	<b>4107.62</b>
<b>7</b>	<b>Capital Structure</b>						
	i) Equity portion	6081.47	6081.47	6081.47	6081.47	6081.47	6081.47
	ii) Loans portion	18606.01	18956.94	19792.73	20575.76	20645.65	22829.61
	iii) Debt Equity ratio before conversion of loan to equity	3.06	3.12	3.25	3.38	3.39	3.75
	iv) Loan converted into equity						
	v) Debt Equity ratio after conversion	3.06	3.12	3.25	3.38	3.39	3.75
8	Equity diluted during the year						
9	Share held by the State Govt. after dilution						

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

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

Sr. No.	Name of Power Station	2010-11 (Actual)					2011-12 (Actual)					2012-13 (Provisional)				
		IC	EG	Cost of Gen	PA	PLF	IC	EG	Cost of Gen	PA	PLF	IC	EG	Cost of Gen	PA	PLF
		(Rs./Kwh)					(Rs./Kwh)					(Rs./Kwh)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
I	<b>THERMAL</b>															
1	GNDTP-I & II	440.00	1775	2.21	58.58%	46.06%	440	1883	2.20	59.93%	48.72%	450	1632	2.47	54.65%	41.40%
2	GGSSTP-I,II & III	1260	9718	1.89	92.69%	88.04%	1260	9564	1.94	91.36%	86.41%	1260	9167	2.25	92.11%	83.05%
3	GHTP-I	920.00	6833	1.71	88.10%	84.79%	920	7621	1.73	96.55%	94.31%	920	7215	1.95	93.84%	89.53%
	<b>Total( I )</b>	<b>2620.00</b>	<b>18326.00</b>		<b>85.35</b>	<b>79.85</b>	<b>2620.00</b>	<b>19068.00</b>		<b>87.90</b>	<b>83.08</b>	<b>2630.00</b>	<b>18014.00</b>		<b>86.31</b>	<b>78.19</b>
II	<b>HYDEL</b>															
1	Shanan Power House	110.00	598.00	0.37			110.00	517.00				110.00	439.00			
2	UBDC Power House	91.35	410.00	1.60			91.35	295.00				91.35	319.00			
3	Anandpur Sahib P.H.	134.00	742.00	0.66			134.00	807.00				134.00	639.00			
4	Mukerian Hydel Project-I&II	207.00	1070.00	0.81			207.00	1358.00				207.00	1421.00			
5	Micro Hydel Schemes	5.60	10.00	1.16			5.60	4.00				5.60	8.00			
6	Ranjit Sagar Dam Project	600.00	1738.00	3.53			600.00	1928.00				600.00	1428.00			
	<b>Total( II )</b>	<b>1147.95</b>	<b>4568.00</b>				<b>1147.95</b>	<b>4909.00</b>				<b>1147.95</b>	<b>4254.00</b>			
	<b>Total( I+II )</b>	<b>3767.95</b>	<b>22894.00</b>				<b>3767.95</b>	<b>23977.00</b>				<b>3777.95</b>	<b>22268.00</b>			
III	PSEB share in Common	1160.60	4694.00	0.29			1160.60	5048.00				1160.60	4124.00			
	Pool Projects															
	<b>Grand Total(I+II+III)</b>	<b>4928.55</b>	<b>27588.00</b>				<b>4928.55</b>	<b>29025.00</b>				<b>4938.55</b>	<b>26392.00</b>			

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

**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.	Name of Power Station	2013-14 (Estimates)					2013-14 (Revised Estimates)					2014-15 (Annual Plan)				
No.		IC	EG	Cost of Gen.	PA	PLF	IC	EG	Cost of Gen.	PA	PLF	IC	EG	Cost of Gen.	PA	PLF
				(Rs./Kwh)					(Rs./Kwh)					(Rs./Kwh)		
1	2	8	9	10	11	12	13	14	15	16	17	13	14	15	16	17
<b>I</b>	<b>THERMAL</b>															
1	GNDTP-I & II	460.00	3018	2.71	86.37	74.90	450.00	2010	2.58	63.17%	50.99%	460.00	3172	2.59	90.89%	78.72%
2	GGSTP-I,II & III	1260.00	9300	2.54	91.00	84.26	1260.00	8919	2.68	89.83%	80.81%	1260.00	9500	2.72	91.21%	86.07%
3	GHTP-I	920.00	7238	2.39	95.50	89.81	920.00	7119	2.26	96.90%	88.33%	920.00	6855	2.32	90.42%	85.06%
	GHTP-II															
	<b>Total( I )</b>	<b>2640</b>	<b>19556</b>		<b>91.76</b>	<b>84.56</b>	<b>2630</b>	<b>18048</b>		<b>87.74</b>	<b>78.34</b>	<b>2640</b>	<b>19527</b>		<b>90.88</b>	<b>84.44</b>
<b>II</b>	<b>HYDEL</b>															
1	Shanan Power House	110.00	514.08				110.00	378.00				110.00	451.00			
2	UBDC Power House	91.35	347.57				91.35	345.00				91.35	334.00			
3	Anandpur Sahib P.H.	134.00	714.35				134.00	740.00				134.00	741.00			
4	Mukerian Hydel Project-I&II	207.00	1204.49				207.00	1193.00				225.00	1323.00			
5	Micro Hydel Schemes	5.60	9.06				5.60	8.00				5.60	8.00			
6	Ranjit Sagar Dam Project	600.00	1511.17				600.00	1769.00				600.00	1716.00			
	<b>Total( II )</b>	<b>1147.95</b>	<b>4300.72</b>				<b>1147.95</b>	<b>4433.00</b>				<b>1165.95</b>	<b>4573.00</b>			
	<b>Total( I+II )</b>	<b>3787.95</b>	<b>23857</b>				<b>3777.95</b>	<b>22481</b>				<b>3805.95</b>	<b>24100</b>			
<b>III</b>	<b>PSEB share in Common</b>	<b>1160.60</b>	<b>4377.62</b>				<b>1160.60</b>	<b>4707.00</b>				<b>1160.60</b>	<b>4430.00</b>			
	Pool Projects															
	<b>Grand Total(I+II+III)</b>	<b>5045.72</b>	<b>28234.34</b>				<b>4938.55</b>	<b>27188.00</b>				<b>4966.55</b>	<b>28530.00</b>			

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Categorywise Energy sale/average rate per unit and Revenue**

Proforma-4  
Energy sold:ES:(Mkwh)

Sr. No.	Category of Consumers	2010-11 (Actual)				2011-12 (Actual)				2012-13 (Provisional)			
		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	Domestic	8169	323	2641	5189557	8828	380	3356	5420916	9503	422	4010	5642850
		[24.40]		[27.06]		[25.19]		[29.81]		[25.90]		[29.71]	
2	Commercial	2472	511	1264	866914	2689	581	1562	895949	2790	633	1767	923854
		[7.38]		[12.95]		[7.67]		[13.88]		[7.60]		[13.09]	
3	Public Lighting	132	637	84	2544	140	620	87	2788	148	703	104	3015
		[0.39]		[0.86]		[0.40]		[0.77]		[0.40]		[0.77]	
4	Irrigation & Dewatering	10152	41	420	1143267	10256	4	1163274	10794			12	1191407
		[30.32]		[4.30]		[29.27]		[0.03]		[29.42]		[0.09]	
5	<b>Industries:</b>												
	i) L.T.(Small Power)	840	407	342	86966	883	466	411	89244	903	518	468	90372
		[2.51]		[3.51]		[2.52]		[3.65]		[2.46]		[3.47]	
	ii) H.T.(Medium Power)	1770	454	804	24863	1822	514	936	25656	1833	567	1039	26361
		[5.29]		[8.24]		[5.20]		[8.32]		[5.00]		[7.70]	
	iii) Power Intensive & Spl. (Large supply)	8538	433	3696	6015	8994	483	4346	6307	9563	580	5543	6697
		[25.50]		[37.86]		[25.66]		[38.62]		[26.07]		[41.07]	
	<b>Total i+ii+iii</b>	<b>11148</b>	<b>434</b>	<b>4842</b>	<b>117844</b>	<b>11699</b>	<b>487</b>	<b>5694</b>	<b>121207</b>	<b>12299</b>	<b>573</b>	<b>7050</b>	<b>123430</b>
		[33.29]		[49.61]		[33.38]		[50.59]		[33.52]		[52.23]	
6	Commom Pool	303	367	111		299	398	119		289	467	135	
		[0.90]		[1.14]		[0.85]		[1.06]		[0.79]		[1.00]	
7	Bulk/Grid supply	525	451	237	493	550	508	279	498	570	560	319	508
		[1.57]		[2.43]		[1.57]		[2.48]		[1.55]		[2.37]	
8	Railway Traction	144	517	75	12	138	594	82	12	135	618	83	12
		[0.43]		[0.76]		[0.39]		[0.73]		[0.37]		[0.62]	
10	<b>Total (1 to 8)</b>	<b>33045</b>	<b>394</b>	<b>9674</b>	<b>7320631</b>	<b>34599</b>	<b>442</b>	<b>11182</b>	<b>7604644</b>	<b>36528</b>	<b>514</b>	<b>13480</b>	<b>7885076</b>
	<b>Net within State</b>	<b>[98.69]</b>		<b>[99.10]</b>		<b>[98.73]</b>		<b>[99.35]</b>		<b>[99.56]</b>		<b>[99.88]</b>	
11	Out side the State	438	200	87		445	164	73		160	104	17	
		[1.31]		[0.90]		[1.27]		[0.65]		[0.44]		[0.12]	
	<b>Total (10 + 11)</b>	<b>33483</b>	<b>391</b>	<b>9761</b>	<b>7320631</b>	<b>35044</b>	<b>438</b>	<b>11255</b>	<b>7604644</b>	<b>36688</b>	<b>512</b>	<b>13497</b>	<b>7885076</b>
		[100]		[100]		[100]		[100]		[100]		[100]	
	Prior period adjustment			-17				4				2	
	<b>Grand Total</b>			<b>9744</b>				<b>11260</b>				<b>13498</b>	

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Categorywise Energy sale/average rate per unit and Revenue**

Proforma-4 (Contd...)  
Energy sold:ES:(Mkwh)

Sr	Category of consumers	2013-14 (Estimates)				2013-14 (Revised Estimates)				2014-15 (Annual Plan)			
		Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers	Energy sold	Average rate(Paise/Kwh)	Revenue (Rs.Crore)	No.of Con-sumers
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic	10452	494	4434	5978837	10413	454	4731	5884135	11683	456	5324	6135737
		[26.19]		[25.08]		[27.27]		[31.13]		[28.37]		[32.17]	
2	Commercial	3218	617	1985	962733	2982	653	1948	953711	3347	653	2187	984533
		[8.06]		[9.65]		[7.81]		[12.82]		[8.13]		[13.21]	
3	Public Lighting	143	617	88	2893	166	658	109	3282	170	658	112	3573
		[0.36]		[0.43]		[0.43]		[0.72]		[0.41]		[0.68]	
4	Irrigation & Dewatering	12029			1259407	11034			1216232	11586			1241574
		[30.14]				[28.90]				[28.13]			
5	<b>Industries:</b>												
	i) L.T.(Small Power)	972	524	509	93360	932	574	535	92125	981	574	563	93912
		[2.43]		[2.48]		[2.44]		[3.52]		[2.38]		[3.40]	
	ii) H.T.(Medium Power)	1953	575	1123	27563	1916	626	1199	27144	1998	626	1251	27950
		[4.89]		[5.46]		[5.02]		[7.89]		[4.85]		[7.56]	
	iii) Power Intensive & Spl. (Large supply)	9956	575	5925	7011	9574	633	6060	7066	10248	633	6487	7456
		[24.95]		[28.80]		[25.07]		[39.88]		[24.89]		[39.20]	
	<b>Total i+ii+iii</b>	<b>12881</b>	<b>587</b>	<b>7557</b>	<b>127934</b>	<b>12421</b>	<b>627</b>	<b>7794</b>	<b>126335</b>	<b>13227</b>	<b>628</b>	<b>8301</b>	<b>129318</b>
		[32.27]		[51.10]		[32.53]		[51.29]		[32.12]		[50.16]	
6	Commom Pool	304	435	132		289	467	135		289	467	135	
		[0.76]		[0.64]		[0.76]		[0.89]		[0.70]		[0.82]	
7	Bulk/Grid supply	622	575	358	515	592	631	373	516	619	631	390	524
		[1.56]		[1.74]		[1.55]		[2.46]		[1.50]		[2.36]	
8	Railway Traction	145	617	89	9	134	658	88	12	130	658	86	12
		[0.36]		[0.43]		[0.35]		[0.58]		[0.32]		[0.52]	
9	<b>Total (1 to 8)</b>	<b>39794</b>	<b>517*</b>	<b>14643</b>	<b>8332328</b>	<b>38032</b>	<b>558</b>	<b>15179</b>	<b>8184223</b>	<b>41051</b>	<b>557</b>	<b>16535</b>	<b>8495271</b>
	<b>Net within State</b>	<b>[99.71]</b>		<b>[99.98]</b>		<b>[99.60]</b>		<b>[99.89]</b>		<b>[99.69]</b>		<b>[99.92]</b>	
10	Out side the State	117	43	5		153	104	16		129	104	13	
		[0.29]		[0.02]		[0.40]		[0.11]		[0.31]		[0.08]	
	<b>Total (10 + 11)</b>	<b>39911</b>	<b>515</b>	<b>14648</b>	<b>8332328</b>	<b>38185</b>	<b>556</b>	<b>15195</b>	<b>8184223</b>	<b>41180</b>	<b>555</b>	<b>16548</b>	<b>8495271</b>
		[100]		[100]		[100]		[100]		[100]		[100]	
11	Add: PLEC, MMC etc.							494				453	
	<b>Grand Total</b>	<b>39911</b>	<b>515</b>	<b>14648</b>	<b>8332328</b>	<b>38185</b>		<b>15689</b>	<b>8184223</b>	<b>41180</b>		<b>17001</b>	<b>8495271</b>



**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Expenditure on Fuel (Coal/Lignite)**

**PROFORMA-5 A**  
**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	Oil KL	ML/Kwh	Coal (Rs.per MT)	Oil (Rs.per KL)	Coal	Oil	Total	Coal	Oil	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2010-11	i.GNDTP,Bathinda	1775	1333401	0.751	6634	3.74	2766	35275	368.82	23.40	392.22	207.79	13.18	220.97
	Actual	ii.GGSSTP,Ropar	9718	6337432	0.652	3612	0.37	2881	27211	1825.81	9.83	1835.64	187.88	1.01	188.89
		iii.GHTP,L.Mohabat I&II	6833	4206500	0.616	3963	0.58	2747	34074	1155.63	13.50	1169.13	169.12	1.98	171.10
		<b>TOTAL:</b>	<b>18326</b>	<b>11877333</b>		<b>14209</b>				<b>3350.26</b>	<b>46.73</b>	<b>3396.99</b>	<b>182.81</b>	<b>2.55</b>	<b>185.36</b>
										<b>Add:Prior Period</b>		3.70			
										<b>Total Fuel Cost</b>		<b>3400.69</b>			
2	2011-12	i.GNDTP,Bathinda	1883	1391845	0.739	3344	1.78	2884	36857	401.47	12.32	413.79	213.21	6.54	219.75
	Actual	ii.GGSSTP,Ropar	9564	6216940	0.650	4418	0.46	2964	35650	1842.74	15.75	1858.49	192.67	1.65	194.32
		iii.GHTP,L.Mohabat I&II	7621	4555689	0.598	2812	0.37	2870	38940	1307.45	10.95	1318.40	171.56	1.44	173.00
		<b>TOTAL:</b>	<b>19068</b>	<b>12164473</b>		<b>10574</b>				<b>3551.66</b>	<b>39.02</b>	<b>3590.68</b>	<b>186.26</b>	<b>2.05</b>	<b>188.31</b>
										<b>Add:Prior Period</b>		0.13			
										<b>Total Fuel Cost</b>		<b>3590.81</b>			
3	2012-13	i.GNDTP,Bathinda	1632	1138255	0.697	5799	3.55	3293	48683	374.78	28.23	403.01	229.64	17.30	246.94
	Provisional	ii.GGSSTP,Ropar	9167	5726047	0.625	4302	0.47	3572	42657	2045.50	18.35	2063.85	223.14	2.00	225.14
		iii.GHTP,L.Mohabat I&II	7215	4145426	0.575	1951	0.27	3366	43553	1395.21	8.50	1403.71	193.38	1.18	194.55
		<b>TOTAL:</b>	<b>18014</b>	<b>11009727</b>		<b>12051</b>				<b>3815.49</b>	<b>55.08</b>	<b>3870.57</b>	<b>211.81</b>	<b>3.06</b>	<b>214.86</b>

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

**PROFORMA-5 A (Contd.)**  
**MT : Metric Tone**  
**ML : Milli Litre**  
**KL : Kilo Litre**

Sr	Year	Name of	Energy	Consumption			Cost		Total Fuel Cost		Cost/Kwh(Pasie)				
No		Thermal	Gener-	Coal	Oil		Coal	Oil	Coal	Oil	Total	Coal	Oil	Total	
		Station	ation	MT	KL	ML	(Rs.per	(Rs.per							
			(Mkwh)	Total	Kwh	Total	Kwh	KL)	(Rs.Crore)						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	2013-14	i.GNDTP,Bathinda	3018	2120824	0.703	4527	1.50	3709	53945	792.25	24.42	816.67	262.51	8.09	270.60
	Estimates	ii.GGSSTP,Ropar	9300	5905500	0.635	9300	1.00	3901	46905	2315.84	43.62	2359.46	249.02	4.69	253.71
		iii.GHTP,L.Mohabat I&II	7238	4477670	0.619	7238	1.00	3767	48291	1694.72	34.95	1729.67	234.14	4.83	238.97
		<b>TOTAL:</b>	<b>19556</b>	<b>12503994</b>		<b>21065</b>				<b>4802.81</b>	<b>102.99</b>	<b>4905.80</b>	<b>245.59</b>	<b>5.27</b>	<b>250.86</b>
5	2013-14	i.GNDTP,Bathinda	2010	1393566	0.693	2984	1.48	3610	50043	503.11	14.93	518.04	250.30	7.43	257.73
	Revised	ii.GGSSTP,Ropar	8919	5558836	0.623	7452	0.84	4233	45605	2352.85	33.99	2386.84	263.80	3.81	267.61
	Estimates	iii.GHTP,L.Mohabat I&II	7119	4342471	0.610	5002	0.70	3644	47704	1582.39	23.86	1606.25	222.28	3.35	225.63
		<b>TOTAL:</b>	<b>18048</b>	<b>11294873</b>		<b>15438</b>				<b>4438.35</b>	<b>72.78</b>	<b>4511.13</b>	<b>245.92</b>	<b>4.03</b>	<b>249.95</b>
6	2014-15	i.GNDTP,Bathinda	3172	2212372	0.697	4758	1.50	3610	50043	798.72	23.81	822.53	251.80	7.51	259.31
	Annual	ii.GGSSTP,Ropar	9500	6012205	0.633	9500	1.00	4233	45605	2544.72	43.34	2588.06	267.87	4.56	272.43
	Plan	iii.GHTP,L.Mohabat I&II	6855	4265405	0.622	6855	1.00	3644	47704	1554.31	32.7	1587.01	226.74	4.77	231.51
		<b>TOTAL:</b>	<b>19527</b>	<b>12489982</b>		<b>21113</b>				<b>4897.75</b>	<b>99.85</b>	<b>4997.60</b>	<b>250.82</b>	<b>5.11</b>	<b>255.93</b>

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2013-14**  
**Expenditure on Fuel (Gas)**

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

Sr No	Year	Name of Thermal Station	Energy Generation (Mkwh)	Consumption Gas Total Million SCM	Gas cu.mt. per Kwh	Cost Gas (Rs.per SCM)	Total Fuel Cost (Rs.Crore)	Cost/Kwh(Rs.)
1	2	3	4	5	6	7	8	9
NIL								

**ANNUAL PLAN 2014-15**  
**Revenue Expenditure-Cost of Power Purchased**

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

Sr. No.	Source	2010-11 (Actual)			2011-12 (Actual)			2012-13 (Provisional)		
		Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)
1	2	3	4	5	6	7	8	9	10	11
1	<b>Central Sector</b>									
i)	Generation charges	11145.96	268.00	2987.02	11371.81	313.21	3561.76	11477.77	307.01	3523.67
ii)	Transmission charges (PGCIL)			367.32			334.06			588.12
iii)	UI charges	940.80	555.86	522.95	-581.89	92.81	-54.00	651.34	442.28	288.07
2	<b>State Sector (Other States)</b>									
i)	Generation charges				8.58	925.97	7.94	94.57	830.82	78.57
ii)	Transmission charges									
iii)	UI charges									
3	<b>State sector (Owned utility)</b>									
i)	Generation charges									
ii)	Transmission charges (PSTCL)			401.97			491.45			830.05
iii)	UI charges									
4	<b>Private sector</b>									
i)	Generation charges (long term)	704.29	359.64	253.29	237.90	302.68	72.01	1618.07	273.49	442.53
ii)	Generation charges (short term)	2375.64	599.35	1423.83	2520.24	412.58	1039.81	4391.71	412.05	1809.62
iii)	UI charges (Open access)	1.89	-1056.71	-2.00	-0.38	326.72	-0.12	-1.00	1348.73	-1.35
5	<b>Renewable</b>									
i)	Central sector									
ii)	State sector									
iii)	Private sector	462.43	405.91	187.70	450.24	386.88	174.19	816.30	462.26	377.34
iv)	Purchase of RECs									45.08
6	<b>Net Banking</b>	-963.01	256.47	-246.98	828.51	317.45	263.01	37.24	2025.96	75.46
	<b>Add: Prior Period Adjustment</b>			358.01			333.23			31.75
	<b>TOTAL</b>	<b>14668.00</b>	<b>426.31</b>	<b>6253.12</b>	<b>14835.00</b>	<b>419.50</b>	<b>6223.33</b>	<b>19086.00</b>	<b>423.81</b>	<b>8088.90</b>

PROFORMA-6 (Cont...)

Sr. No.	Source	2013-14 (Estimates)			2013-14 (Revised Estimates)			2014-15 (Annual Plan)		
		Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)	Purchase (Mkwh)	Rate (Paise/ Kwh)	Total Cost (Rs.Cr.)
1	2	3	4	5	6	7	8	9	10	11
<b>1</b>	<b>Central Sector</b>									
i)	Generation charges	12464.71	347.97	4337.40	12362.59	324.32	4009.39	10265.73	349.76	3590.50
ii)	Transmission charges (PGCIL)			928.07			697.71			779.06
iii)	UI charges				-283.69	62.72	-17.79			
<b>2</b>	<b>State Sector (Other States)</b>									
i)	Generation charges	149.34	722.43	107.89	215.98	620.33	133.98	83.37	1116.68	93.09
ii)	Transmission charges									
iii)	UI charges									
<b>3</b>	<b>State sector (Owned utility)</b>									
i)	Generation charges									
ii)	Transmission charges (PSTCL)			890.84			1269.64			1333.12
iii)	UI charges									
<b>4</b>	<b>Private sector</b>									
i)	Generation charges (long term)	7347.79	316.79	2327.68	4413.53	270.78	1195.09	11436.54	375.45	4293.88
ii)	Generation charges (short term)	2035.46	440.83	897.30	2920.70	387.27	1131.09			
iii)	UI charges (Open access)									
<b>5</b>	<b>Renewable</b>									
i)	Central sector									
ii)	State sector									
iii)	Private sector	971.69	486.96	473.18	627.38	487.92	306.11	655.57	511.91	335.59
iv)	Purchase of RECs			100.00			141.00			134.00
<b>6</b>	<b>Net Banking</b>	-1710.07	287.09	-490.95	-214.17	-508.10	108.82	-246.50	-88.53	21.82
	<b>TOTAL</b>	<b>21258.92</b>	<b>450.23</b>	<b>9571.41</b>	<b>20042.31</b>	<b>447.80</b>	<b>8975.04</b>	<b>22194.70</b>	<b>476.74</b>	<b>10581.07</b>

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

**Revenue Expenditure , Operating & Maintenance /Establishment and Administrative Charges**

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

Sr. No.	Component of Expenditure	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
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	396.75	320.67	357.06	504.11	389.20	424.22
2	Normal Annual Increase						
3	Increase due to commissioning of new units/lines (To be specified)					18.90	18.43
4	Others items						
	<b>Total:</b>	<b>396.75</b>	<b>320.67</b>	<b>357.06</b>	<b>504.11</b>	<b>408.10</b>	<b>442.65</b>
5	Cost per unit of sale (Paise/Kwh sold)	11.85	9.15	9.73	12.63	10.69	10.75
<b>II</b>	<b><u>Establishment &amp; Admn.Charges</u></b>						
1	a) Base level expenditure of the previous year	3275.38	3525.25	3776.50	4278.12	4256.17	5523.77
2	Normal Annual Increase						
3	Increase due to commissioning of new units/lines (To be specified)						
4	Increase due to D.A./ Pay revision						
	a) Pay		282.43	211.82	211.82	211.82	
	b) Pension						
5	Others items						
	<b>Total:</b>	<b>3275.38</b>	<b>3807.68</b>	<b>3988.32</b>	<b>4489.94</b>	<b>4467.99</b>	<b>5523.77</b>
6	Cost per unit of sale(Paise/Kwh Sold)	97.82	108.65	108.71	112.50	117.01	134.14

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

**PROFORMA-8**  
**(Rs. Crore)**

**Rate of Return on Net Fixed Assets**

Sr. No.	Items	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimates	2013-14 Revised Estimates	2014-15 Annual Plan
1	2	3	4	5	6	7	8
<b>A</b>	<b>INCOME</b>						
	Revenue Receipts from:						
	1) Electricity Sales	9744.03	11259.59	13498.42	14648.50	15689.18	17001.47
	2) Misc. Revenue	582.62	739.96	944.99	906.36	686.01	715.56
	3) Subsidy						
	i. Domestic consumers	269.28	344.70	698.26	725.88	839.83	924.00
	ii. A.P. consumers	2736.58	3749.75	4606.26	5196.53	4698.45	4932.92
	iii Other subsidy/Subsidy for earlier years	335.48	9.54	0.00	0.00	0.00	0.00
	<b>Total: A</b>	<b>13667.99</b>	<b>16103.54</b>	<b>19747.93</b>	<b>21477.27</b>	<b>21913.47</b>	<b>23573.95</b>
<b>B</b>	<b>EXPENDITURE</b>						
	1. Fuel	3400.69	3590.81	3870.57	4905.80	4511.13	4997.60
	2. Power Purchased	6253.12	6223.33	8088.90	9571.41	8975.04	10581.07
	3. Operating & Maintenance	396.75	320.67	357.06	504.11	408.10	442.65
	4. Establishment	3275.38	3807.68	3988.32	4489.94	4467.99	5523.77
	5. Depreciation	753.23	714.72	762.41	814.45	813.59	863.36
	6. Other Expenditure	83.17	52.06	164.79	94.48	134.18	144.89
	<b>Total: B</b>	<b>14162.35</b>	<b>14709.27</b>	<b>17232.05</b>	<b>20380.19</b>	<b>19310.03</b>	<b>22553.34</b>
<b>C</b>	<b>Operating Income (A-B)</b>	<b>-494.36</b>	<b>1394.27</b>	<b>2515.88</b>	<b>1097.08</b>	<b>2603.44</b>	<b>1020.61</b>
<b>D</b>	<b>Interest due</b>						
	a) To Financial Institutions	1714.50	2174.79	2447.15	2707.27	2650.13	3050.35
	b) To State Govt.	88.38	24.21	18.79	0.00	13.37	7.95
	<b>Total: D</b>	<b>1802.88</b>	<b>2199.00</b>	<b>2465.94</b>	<b>2707.27</b>	<b>2663.50</b>	<b>3058.30</b>
<b>E</b>	Net Surplus/Deficit(C-D)	-2297.24	-804.73	49.94	-1610.19	-60.06	-2037.69
<b>F</b>	Value of net fixed assets employed at the begining of the year	11562.39	30043.98	30183.35	30213.04	30600.92	32047.89
<b>G</b>	Rate of Return(%)	-19.87	-2.68	0.17	-5.33	-0.20	-6.36
<b>H</b>	Increase in Av. tariff required (Paise/Kwh)to obtain						
	a) 0% Rate of Return	17.56%	5.24%	-	7.83%	0.28%	8.91%
		[68.61]	[22.96]	-	[40.34]	[1.57]	[49.48]
	b) 3% Rate of Return	20.21%	7.51%	2.14%	12.23%	1.83%	10.20%
		[78.97]	[32.91]	[10.98]	[49.21]	[11.14]	[59.41]

**PUNJAB STATE POWER CORPORATION LIMITED**

**ANNUAL PLAN 2014-15**

**Outstanding dues to the Central Undertakings & others (Including Banks)**

**PROFORMA -9**

**(Rs. Crore)**

Sr. No.	Name of the Undertakings	Dues Upto 31.3.2013	Dues from 1.4.2013 to 31.10.2013	Outstanding dues as on 31.10.2013
1	2	3	4	5
1	Central Undertakings	691.25	-204.59	486.66
2	<b><u>Banks / Financial Institutions</u></b>			
i	Bank of Baroda	62.50	-62.50	0.00
ii	Bank of Baroda	25.00	-25.00	0.00
iii	Vijaya Bank	0.00	18.75	18.75
iv	UCO Bank	0.00	31.25	31.25
v	Bank of Baroda	0.00	25.00	25.00
vi	Canara Bank	0.00	12.50	12.50
	<b>Sub Total ( 2 ) ( i to vi )</b>	<b>87.50</b>	<b>0.00</b>	<b>87.50</b>
	<b>Total</b>	<b>778.75</b>	<b>-204.59</b>	<b>574.16</b>

Notes :-

- 1 Dues of Central Undertakings on 31.03.2013 and 31.10.2013 are related to Power Purchase and outstanding below 60 days. No overdue amount.
- 2 Dues of Banks as on 31.03.2013 were regularized upto 31.10.2013 and dues as on 31.10.2013 will be regularized in December 2013.



**PUNJAB STATE POWER CORPORATION LIMITED**

**Annual Plan 2014-15  
Electricity Consumption**

**PROFORMA-10  
(Million Kwh)**

Sr. No.	Item	2010-11 (Actual)		2011-12 (Actual)		2012-13 (Provisional)		2013-14(Estimates )		2013-14(R.E.)		2014-15 (Annual Plan)	
		Rate (Paise/ Kwh)	Unit (MU)	Rate (Paise/ Kwh)	Unit (MU)	Rate (Paise/ Kwh)	Unit (MU)	Rate (Paise/ Kwh)	Unit (MU)	Rate (Paise/ Kwh)	Unit (MU)	Rate (Paise/ Kwh)	Unit (MU)
		3	4	5	6	7	8	9	10	11	12	13	14
1	Domestic	323	8169	380	8828	422	9503	494	10452	454	10413	456	11683
			[24.40]		[25.19]		[25.90]		[26.19]		[27.27]		[28.37]
2	Commercial	511	2472	581	2689	633	2790	617	3218	653	2982	653	3347
			[7.38]		[7.67]		[7.60]		[8.06]		[7.81]		[8.13]
3	Agriculture		10152		10256		10794		12029		11034		11586
			[30.32]		[29.27]		[29.42]		[30.14]		[28.90]		[28.13]
4	a) Industry LT	434	11148	487	11699	573	12299	587	12881	627	12421	628	13227
	b) Industry HT		[33.29]		[33.38]		[33.52]		[32.27]		[32.53]		[32.12]
5	Railways	517	144	594	138	618	135	617	145	658	134	658	130
			[0.43]		[0.39]		[0.37]		[0.36]		[0.35]		[0.32]
6	Others	450	960	490	989	554	1007	541	1069	589	1047	591	1078
			[2.87]		[2.83]		[2.75]		[2.98]		[2.74]		[2.62]
	<b>Total:(1 to 6)</b>		<b>33045</b>		<b>34599</b>		<b>36528</b>		<b>39794</b>		<b>38032</b>		<b>41051</b>
			[98.69]		[98.73]		[99.56]		[99.71]		[99.60]		[99.69]
7	Outside the State	200	438	164	445	104	160	43	117	104	153	104	129
			[1.31]		[1.27]		[0.44]		[0.29]		[0.40]		[0.31]
	<b>Grand Total</b>		<b>33483</b>		<b>35044</b>		<b>36688</b>		<b>39911</b>		<b>38185</b>		<b>41180</b>
			[100.00]		[100.00]		[100.00]		[100.00]		[100.00]		[100.00]

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Central/State/Private Sector Power Projects**

Proforma - 11

Sr.		2010-11	2011-12	2012-13	2013-14	2013-14	2014-15
No.	Items	Actual	Actual	Provisional	Estimate	Revised Estimate	Annual Plan
1	2	3	4	5	6	7	8
1	Name of Project	<b>As per details on next pages</b>					
2	Installed Capacity (MW)						
3	Type of Fuel						
4	Estimated Cost (Rs. Crores)						
5	Expected Generation (Mkwh)Per Annum						
6	Status of the Project (Power Purchase Agreements/ Any other Information)						
7	Reasons for Delay ( if any )						
8	Cost of Generation (Paise/Kwh)						
9	PLF as per PPA(%)						

**ANNUAL PLAN 2014-15**

**Proforma-11**

**DETAILS OF PRIVATE SECTOR PROJECTS EXPECTED DURING THE YEAR 2010-11**

<b>Sr. No</b>	<b>Name of the Project</b>	<b>Installed Capacity (MW)</b>	<b>Type of Fuel</b>	<b>Estimated Cost (Rs. Crores)</b>	<b>Expected Generation MKWH per annum</b>	<b>Status of Project (signing of MOUs/Power Purchase Agreements)</b>	<b>Cost of Generation Rupees Per KWH</b>	<b>PLF as per PPA %</b>	<b>Remarks</b>
1.	Rice/Wheat Straw (Biomass based) Power Projects at Vill.Baghaura near 66KV Grid S/Ss Ghanour by M/s Punjab Biomass Power Ltd., Navi Mumbai.	12 MW	Biomass	-	68.42 MUs at 0.8 PLF	IA-cum-PPA signed on 10.8.06.	-	-	Commissioned on 15.06.2010.
2.	Solar Photo Voltaic Project at Vill. Awan, Teh. Ajnala Amritsar by M/s Azure Power Punjab, Amritsar.	1.0 MW (2 x .500 MW)	Solar Energy		1.5 MUs at 0.19 PLF	PPA signed on 27.05.09	-	-	Commissioned on 05.11.2010.
3.	Micro Hydrel Project at Khanpur on Abohar Branch Canal by M/s Abohar Power Generation (P) Ltd., Mohali.	1.1 MW	Hydro		2.58 MUs at 0.3 PLF	PPA signed on 20.11.08	-	-	Commissioned on 22.04.2010.
4.	Micro Hydrel Project at Sudhar on Abohar Branch Canal by M/s Abohar Power Generation (P) Ltd., Mohali..	1.4 MW	Hydro		3.29 MUs at 0.3 PLF	PPA signed on 20.11.08	-	-	Commissioned on 03.05.2010.

**ANNUAL PLAN 2014-15**  
**DETAILS OF PRIVATE SECTOR PROJECTS EXPECTED DURING THE YEAR 2011-12**

Proforma-11(Contd...)

Sr.No	Name of the Project	Installed Capacity (MW)	Type of Fuel	Estimated Cost (Rs. Crores )	Expected Generation MKWH per annum	Status of Project (signing of MOUs/Power Purchase Agreements)	Cost of Generation Rupees / KWH	PLF as per PPA %	Remarks
1.	Solar Photo Voltaic Power Project by M/s Econergy Inc., 2712, Hinton Circle, EIK Grove California, USA at Boparai Kalan, (LDH.)	1.0 MW	Solar		1.5 MUs at 0.19 PLF	MOU signed on 09.07.2010 PPA signed on 18.08.2010			Commissioned on 02.03.2012
2.	Solar Photo Voltaic Power Project by M/s G.S. Atwal & Co. (Engg.) Pvt. Ltd., 4-B, Little Russel Street, Kolkata at Vill. Buttiwala, Distt. Mukatsar	1.5 MW	Solar		2.25 MUs at 0.19 PLF	MOU signed on 09.07.2010 PPA signed on 18.08.2010			Commissioned on 10.03.2012
3.	Solar Photo Voltaic Power Project by M/s Sovax Renewable Pvt. Ltd., AR 208A, Aralias, DLF Golf Links Gurgaon at Mehandipur, Balachaur.	1.0 MW	Solar		1.5 MUs at 0.19 PLF	MOU signed on 09.07.2010 PPA signed on 18.08.2010			Commissioned on 16.03.2012
4.	Solar Photo Voltaic Power Project by M/s Carlill Energy Pvt. Ltd., 568, Street No. 4, Mahal Mubarak Colony, Dhuri Road, Sangrur-148001 at Bhagsar 24 (Mukatsar)	1.5 MW	Solar		2.25 MUs at 0.19 PLF	MOU signed on 09.07.2010 PPA signed on 18.08.2010			Commissioned 24.02.2012

5.	M/s Soma Enterprises Ltd., Enkay Tower, 5 <sup>th</sup> floor-Block A, Udhyog Vihar, Phase-V, Gurgaon. <b>Khera Kalmout (Ropar)</b>	1.0 MW	Solar		1.5 MUs at 0.19 PLF	MOU signed on 09.07.2010 PPA signed on 18.08.2010			Commissioned on 03.12.2011
6.	Solar Photo Voltaic (SPV) Project at village Phulokheri, District Bathinda by PEDDA.	1.0 MW	Solar		1.5 MUs at 0.19 PLF	PPA signed on 28.08.2010			Commissioned in Dec. 2011.
7.	Co-generation project by M/s A2Z Maintenance & Engineering Services Ltd. at Cooperative Sugar Mill Nakodar, Distt. Jalandhar.	15 MW	Bagasse		87.91 MUs at 0.8 PLF	PPA signed on 25.08.2011			Commissioned on 07.12.2011
8.	Co-generation project by M/s A2Z Maintenance & Engineering Services Ltd. at Cooperative Sugar Mill, Fazilka, Distt. Jalandhar.	15 MW	Bagasse		87.91 MUs at 0.8 PLF	PPA signed on 25.08.2011			Commissioned on 01.01.2012

**ANNUAL PLAN 2014-15**  
**DETAILS OF PRIVATE SECTOR PROJECTS EXPECTED DURING THE YEAR 2012-13**

Proforma-11(Contd...)

Sr. No.	Name of the Project	Installed Capacity (MW)	Type of Fuel	Estimated Cost (Rs. Crores)	Expected Generation MKWH per annum (MUs)	Status of Project (signing of MOUs/Power Purchase Agreements)	Cost of Generation Rupees/ KWH	PLF as per PPA %	Remarks
1.	Biomass Project at Vill. Binjon, Teh. Garhshankar, Dist. Hoshiarpur by M/s Green Planet Energy Pvt. Ltd.	6 MW	Biomass	-	34.21 MUs at 0.8 PLF	PPA signed on 14.10.2009	-	-	Commissioned in May, 2012.
2.	Co-generation project by M/s NV Distillery Pvt. Ltd. at Rajpura	6 MW	Bagasse		42.04 MUs	PPA signed on 11.07.12			Commissioned on 07.08.2012
3.	MHP Bowani by M/s Sam (India) Builtwell (P) Ltd., 435, Jagriti Enclave, Vikas Marg Extension, Delhi-110092 (Bathinda Branch Canal of Sirhind Canal System).	1.2 MW	Hydro		2.82 MUs at 0.3 PLF	PPA signed on 03.11.2011	-	-	Commissioned on 20 <sup>th</sup> March, 2013.
4.	Solar power project by M/s Enterprise Business Solutions Pvt. Ltd. at village Shahdra, Tehsil Balachour.	1.5 MW	Solar		2.25 MUs at 0.19 PLF	Revised PPA signed on 09.01.2013			Commissioned on 07.12.2012

**ANNUAL PLAN 2014-15**  
**DETAILS OF PRIVATE SECTOR PROJECTS EXPECTED DURING THE YEAR 2013-14**

Proforma-11(Contd...)

Sr. No.	Name of the Project	Installed Capacity (MW)	Type of Fuel	Estimated Cost (Rs. Crores)	Expected Generation MKWH per annum (MUs)	Status of Project (signing of MOUs/Power Purchase Agreements)	Cost of Generation Rupees/ KWH	PLF as per PPA %	Remarks
1.	M/s Green Planet Energy Pvt. Ltd. Biomass Project at Vill. Bir Pind, Tehsil Nakodar & Distt. Jalandhar (6 MW Rankine Cycle.	6 MW	Biomass	-	34.21 MUs at 0.8 PLF	PPA signed on 14.10.2009			Commissioned on 14.05.2013.
2.	Biomass Project at Vill. Binjon, Teh. Garhshankar, Dist. Hoshiarpur by M/s Green Planet Energy Pvt. Ltd.	4 MW	Biomass	-	22.80 MUs at 0.8 PLF	PPA signed on 14.10.2009	-	-	Expected Commissioned in Dec. 2013.
3.	By M/s Green Planet Energy Pvt. Ltd.- Biomass Project at Vill. Manuke Gill, Tehsil Nihal Singh Wala & Bagha Purana (Dist. Moga)	6 MW	Biomass	-	34.21 MUs at 0.8 PLF	PPA signed on 14.10.2009			Expected Commissioning in Dec, 2013.
4.	By M/s Viaton Energy Pvt. Ltd. Biomass Project at Mansa	10 MW	Biomass	-	57.024 MUs at 0.8 PLF	PPA signed on 04.04.2011			Commissioned on 08.07.2013.
5.	Micro Hydro Project at Phoola (Bathinda Branch Canal) by M/s Atlantic Power (Phoola) Ltd.	0.6 MW	Hydro		1.41 MUs at 0.3 PLF	PPA signed on 04.10. 2011.			Expected in January, 2014.
6.	Micro Hydel Project at Bibiwal on Bhatinda Branch Canal by M/s SKR Hydro Power Generators Pvt. Ltd.	0.4 MW	Hydro		0.94 MUs at 0.3 PLF	PPA signed on 04.10.2011	-	-	Expected commissioning in March, 2014.
7.	MHP Udhanwal on Sabraon Branch Canal by M/s Majha Canal Hydro Projects Ltd.	0.65 MW	Hydro		1.54 MUs at 0.3 PLF	PPA signed on 22.10.2012	-	-	Expected in March, 2014.

8.	MHP Ludhiana at RD 70000 ft. of Sidhwan Branch.	0.70 MW	Hydro		1.66 MUs at 0.3 PLF	PPA signed on 16.11.2012			Expected in Jan. 2014.
9.	Talwandi Sabo Thermal Power Project. This project is being developed on "Built, Own and Operate (BOO) basis by Talwandi Sabo Power Limited, a 100% owned subsidiary of M/s Sterlite Energy Limited, Mumbai.	3x660 (1980) MW	Coal	About Rs. 11,000 Crore	2013-14 =1060 MUs	The PPA of the project was signed on 01.08.2009. As per PPA, the 1st Unit of 660 MW capacity was to be commissioned on 31.08.2012 which is now expected to be commissioned on 31.12.2013. The 2nd unit is expected to be commissioned on 30.04.2014.	With 100% domestic coal - about Rs.3.62/kwh With 65% domestic coal and 35% imported coal – about Rs.4.18/kwh.	80%	The 1st Unit of 660 MW capacity was to be commissioned on 31.08.2012 which is now expected to be commissioned on 31.12.2013
10.	Rajpura Thermal Power Project. This project is being developed on "Built, Own and Operate (BOO) basis by Nabha Power Limited, a 100% owned subsidiary of M/s L&T Power Development Limited, Mumbai.	2x700 (1400) MW	Coal	About Rs.9,600 Crore	2013-14 = 982 MUs	The PPA of the project was signed on 18.01.2010. As per PPA, the 1st Unit of 700 MW capacity is to be commissioned on 17.01.2014. It is expected that the 1st unit will be commissioned on scheduled date. The 2nd unit is expected to be commissioned on 31.05.2014.	With 100% domestic coal - about Rs.3.37/kwh With 65% domestic coal and 35% imported coal – about Rs.3.90/kwh	85%	As per PPA, the 1st Unit of 700 MW capacity is to be commissioned on 17.01.2014. It is expected that the 1st unit will be commissioned on scheduled date. The 2nd unit is expected to be commissioned on 31.05.2014.
11.	Sasan UMPP (SPV- Sasan Power Ltd. )	4000MW (Punjab share 558.36MW)	Coal		1746.53MUs (PLF 85%)	PPA signed on 07.08.07 (1 No. Unit has already been commissioned in August,2013.	Levelised tariff Rs.1.19/kwh		Commissioned in August,2013



**ANNUAL PLAN 2014-15**  
**DETAILS OF PRIVATE SECTOR PROJECTS EXPECTED DURING THE YEAR 2014-15**

**Proforma-11(Contd..)**

<b>Sr. No.</b>	<b>Name of the Project</b>	<b>Installed Capacity (MW)</b>	<b>Type of Fuel</b>	<b>Estimated Cost (Rs. Crores)</b>	<b>Expected Generation MKWH per annum (MUs)</b>	<b>Status of Project (signing of MOUs/Power Purchase Agreements)</b>	<b>Cost of Generation Rupees/ KWH</b>	<b>PLF as per PPA %</b>	<b>Remarks</b>
1.	M/s Green Planet Energy (P) Ltd. Biomass Project at Vill. Bir Pind, Tehsil Nakodar & Distt. Jalandhar	4MW	Biomass	-	22.80 MUs at 0.8 PLF	PPA signed on 14.10.2009			Expected Commissioning in Jan., 2015.
2.	M/s Green Planet Energy Pvt. Ltd.- Biomass Project at Deep Singh Wala, Tehsil & Dist. Faridkot based on Rankine Cycle.	6 MW	Biomass	-	34.21 MUs at 0.8 PLF	PPA signed on 14.10.09	-	-	Expected Commissioning in Dec., 2014.
3.	By M/s Green Planet Energy Pvt. Ltd.- Biomass Project at Vill. Ramiana, Teh. Jaito, Dist. Faridkot	6 MW	Biomass	-	34.21 MUs at 0.8 PLF	PPA signed on 14.10.09	-	-	Expected Commissioning in March, 2015.
4.	By M/s Shakti Enviro Greens Pvt. Ltd.- Cattle dung based bio-methanation Project.	1 MW	Biogas	-	5.70 MUs at 0.8 PLF	PPA signed on 16.07.2013			Expected Commissioning in December, 2014.
5.	MHP By M/s Polyplex Corporation Ltd. & its Consortium M/s Himalayan Renewable Energy Ltd. Mohali at Talewal	0.6 MW	Hydro	-	1.41 MUs at 0.3 PLF	Revised PPA signed on 22.02.2010	-	-	Expected in November, 2014.
6.	MHP at Smalsar By M/s Paradise Power Generation Pvt. Ltd., Mohali	0.35 MW	Hydro		0.82 MUs at 0.3 PLF	PPA signed on 05.03.09.	-	-	Expected in December, 2014.
7.	Madhopur Beas Link (MBL) of UBDC at RD 20500 by M/s Gill Acquahydro Power Generation Company Pvt. Ltd.	3.8 MW	Hydro		7.05 MUs at 0.3 PLF	PPA signed on 04.06.2009			Expected in June, 2014.

8.	Madhopur Beas Link (MBL) of UBDC at RD 14350 combined with RD 16500 by M/s Gill Acquahydro Power Generation Company Pvt. Ltd.	6 MW	Hydro		14.11 MUs at 0.3 PLF	PPA signed on 20.11.2008.		Expected in June, 2014.
9.	MHP-Lehru (3MW) on Chakki Khad near Dunera in Distt. Gurdaspur. at Chakki Khad by M/s Lehru Hydro Power Projects Pvt. Ltd.	3 MW	Hydro		7.05 MUs at 0.3 PLF	PPA signed on 04.10.2011.		Expected Commissioning in December, 2014.
10.	MHP Dhariwal at RD 42825 ft. of Main Branch Upper by M/s UBDC Hydro Company.	2.5 MW	Hydro		5.94 MUs at 0.3 PLF	PPA signed on 19.11.2012		Expected Commissioning in December, 2014.
11.	MHP Kalabala at RD 11200 ft. of Kasur Branch by M/s Preetech Power Pvt. Ltd.	0.8 MW	Hydro		1.9 MUs at 0.3 PLF	PPA signed on 16.11.2012		Expected in November, 2014.
12.	MHP Kunjar at RD 79768 ft. of Main Branch Upper by M/s UBDC Hydro Company.	2.0 MW	Hydro		4.75 MUs at 0.3 PLF	PPA signed on 19.11.2012		Expected in November, 2014.
13.	MHP Tugalwala at RD 34160 ft. of Sabraon Branch by M/s Preetech Power Pvt. Ltd.	0.85 MW	Hydro		2.019 MUs at 0.3 PLF	PPA signed on 16.11.2012		Expected in November, 2014.
14.	MHP Gujran at RD1180000 ft. of Ghaggar Branch by M/s Dallanwala Power Generation Pvt. Ltd.	0.6 MW	Hydro		1.42 MUs at 0.3 PLF	PPA signed on 16.11.2012		Expected in December, 2014.
15.	Power from various Solar Projects allocated to PSPCL for which Power Purchase Agreement has been signed by NVVNL with various developers and Power Sale Agreement has been signed between PSPCL and NVVNL.	10 MW	Solar		15.04 MUs at 0.19 PLF	PSA signed with NVVNL on 14.01.2010		Expected in October, 2014.
16.	Solar power projects being developed by PEDDA at different sites.	5 MW	Solar		7.52 MUs at 0.19 PLF	PPA yet to be signed after approval of tariff by PSERC		Expected in Oct. 2014.

17.	Solar Power from different developers to be purchased through competitive bidding.	25 MW	Solar		37.62 MUs at 0.19 PLF	PPA yet to be signed after approval of tariff by PSERC			Expected in Dec. 2014.
18.	Goindwal Sahib Thermal Power Project. This project is being developed on "Built, Own and Operate (BOO) basis by GVK (Goindwal Sahib) Power Limited, Secundrabad.	2x270 (540) MW	Coal	About Rs.3000 Crore	2014-15 = 3420 MUs	The Amended and Restated PPA of the project was signed on 26.05.2009. As per PPA, the 1st Unit of 270 MW capacity was to be commissioned on 26.05.2013 which is now expected to be commissioned in 30th April, 2014 alongwith 2nd unit	With 100% domestic coal - about Rs.3.63/k wh With 65% domestic coal and 35% imported coal – about Rs.4.26/k wh	80%	As per PPA, the 1st Unit of 270 MW capacity was to be commissioned on 26.05.2013 which is now expected to be commissioned in 30th April, 2014 alongwith 2nd unit

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Efficiency Improvements**

**Proforma-12**

Sr. No.	Items	Unit	2010-11 Actual	2011-12 Actual	2012-13 Provisional	2013-14 Estimate	2013-14 Revised Estimate	2014-15 Annual Plan
1	2	3	4	5	6	7	8	9
<b>A</b>	i) Total Energy Input	(MU)	40660	42195	43917	47714	45611	48944
	ii) Energy Billed	(MU)	33483	35044	36688	39911	38185	41180
	iii) Billing Efficiency (ii)/(i)x100	(%)	82.35	83.05	83.54	83.65	83.72	84.14
	iv) Actual Energy Billed	(Rs.Crore)	13667.99	16103.54	19747.93	21477.27	21913.47	23573.95
	v) Revenue Realised from Sale of Power	(Rs.Crore)	13362.22	15789.28	19452.72	21477.27	21913.47	23573.95
	vi) Collection efficiency (v)/(iv)x100	(%)	97.76	98.05	98.51	100.00	100.00	100.00
	vii) AT&C Losses {1-[(iii)/100x(vi)/100]x100}	(%)	19.49	18.57	17.71	16.35	16.28	15.86
	viii) Reduction in AT&C Losses	(%)	-0.87	0.93	0.86	-1.06	1.43	0.42
<b>B</b>	i) T&D Losses	(%)	17.98	17.25	16.63	16.50	16.44	16.00
	ii) Reduction in T&D Losses	(%)	2.14	0.73	0.62	0.5	0.19	0.44
<b>C</b>	i) Level of Cash Losses of PSPCL (Net of increase attributable to tariff revision)	(Rs.Crore)						
	ii) Reduction of Cash Losses of PSPCL as compared to previous year	(%)						

**PUNJAB STATE POWER CORPORATION LIMITED**  
**ANNUAL PLAN 2014-15**  
**Break- up of Outlay- Power Sector**

Proforma -13  
(Rs. Crore)

Sr. No.	Description	Eleventh Plan Approved Outlay	Eleventh Plan anticipated Exp.		Twelfth Plan Proposed Outlay (2012-17)		2013-14 Approved Outlay		2013-14 RE Outlay		2014-15 Proposed Outlay	
			Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan	Plan	Outside Plan
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Generation Schemes	597.60	575.98	-	7273.86	-	391.80	-	231.90	-	854.81	-
2	R&M Schemes	1253.87	580.90	-	1014.08	-	358.20	-	268.67	-	307.81	-
3	Transmission Schemes	1891.68	5043.25	-	1100.00	-	300.00	-	200.00	-	300.00	-
4	Distribution Schemes	6049.72	743.84	-	4348.00	-	658.00	-	770.00	-	1600.00	-
5	Rural Electrification Schemes	718.75	338.54	-	2339.85	-	492.00	-	480.00	-	1045.00	-
	<b>Total</b>	<b>10511.62</b>	<b>7282.51</b>	<b>-</b>	<b>16075.78</b>	<b>-</b>	<b>2200.00</b>	<b>-</b>	<b>1950.57</b>	<b>-</b>	<b>4107.62</b>	<b>-</b>