

Aggregate Revenue Requirement &
Tariff Revision Petition
for FY 2008-09

Volume -2

Evidential Documents

Submitted to

Punjab State Electricity Regulatory Commission

Chandigarh

By

PUNJAB STATE ELECTRICITY BOARD

The Mall, Patiala – 147001

January 2008

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**MONTHWISE/CATEGORYWISE DETAIL OF ACTUAL ENERGY SALES FOR
the period 2006-07('Upto MAR.,2007) (As per figures of Compilation Section)**

Category	During 04/06		During 05/06		During 06/06		During 07/06		During 08/06		During 09/06		During 10/06		During 11/06		During 12/06		Total upto 12/06		During 1/07		During 2/07		During 3/07		Total upto 3/07		Unadjusted FY07		Adjusted on theft, assessment		Sales FY07				
	Mus	1	Mus	2	Mus	3	Mus	4	Mus	5	Mus	6	Mus	7	Mus	8	Mus	9	Mus	10	Mus	11	Mus	12	Mus	13	Mus	14	Mus	15	Mus	16		Mus	17	Mus	18
DS	309.3		363.0		470.1		564.3		591.4		612.2		2910.3		606.7		567.8		478.8		4563.6		394.4		355.5		347.6		5662		99		19		5761		
NRS	94.4		116.6		135.5		155.3		148.5		157.2		807.5		155.6		158.8		136.8		1258.7		127.5		112.6		113.3		113.3		1612		44		1656		
SP	51.8		55.2		59.8		59.1		59.7		63.9		349.5		64.3		63.1		82.0		538.9		58.2		56.4		51.5		705		15		720		1503		
MS	124.2		111.7		118.1		109.9		107.1		112.0		683.0		124.4		125.7		130.6		1063.7		129.1		144.4		129.5		1467		36		8046		130		
LS	672.8		635.5		687.7		581.8		530.0		584.4		3692.2		712.8		713.9		711.4		5830.3		716.8		732.9		664.2		664.2		7944		102		460		
PL	10.1		9.7		9.9		9.7		9.8		10.3		59.5		10.8		10.8		11.5		82.6		11.4		12.0		11.4		127		3		130		460		
BS & GS	32.6		34.5		39.3		39.1		43.4		42.3		231.2		37.7		33.0		34.3		336.2		42.4		41.9		35.3		456		4		106		106		
RT	9.7		9.5		9.1		9.5		8.4		8.2		54.4		8.9		9.2		8.3		80.8		8.5		8.2		8.4		106		0		303		18382		
TOTAL (with State except AP)	1304.9		1335.7		1529.5		1528.7		1498.3		1590.5		8787.6		1721.2		1682.3		1573.7		13764.8		1488.3		1463.9		1361.2		18079		303		18382		18382		

Agricultural Consumption (Un-Metered) Formet-46 ending 31-8-2007

Month	2006-2007			2007-2008			2008-2009		
	Consumption (KWH)	Connected Load (KW)	KWH/KW	Consumption (KWH)	Connected Load (KW)	KWH/KW	Consumption (KWH)	Connected Load (KW)	KWH/KW
April	328115405	4403319	74.515	399942000	5023324	79.617	443016770	5211962	85.000
May	460211827	4412562	104.296	625251676	5037826	124.111	689561400	5223950	132.000
June	880743686	4744794	185.623	1045225058	5228810	199.897	1168231834	5589626	209.000
July	1161973027	4930845	235.654	1379838336	5346941	258.061	1525688475	5757315	265.000
August	1225219032	4966482	246.697	1450603460	5378361	269.711	1565356320	5797616	270.000
September	1029106336	4997755	205.913	1306444576	5408114	241.571	1341852430	5834141	230.000
October	747804383	4873782	153.434	856971528	5101021	168.000	973368124	5659117	172.000
November	500829002	4889110	102.437	628553247	5110189	123.000	711049000	5688392	125.000
December	478478709	4914808	97.354	594286096	5123156	116.000	674989146	5720247	118.000
January	494863644	4956844	99.834	503506164	5137818	98.000	576944100	5769441	100.000
February	437083056	5006793	87.298	535698696	5150900	104.000	611897685	5827597	105.000
March	386645575	5019623	77.027	522230297	5170597	101.000	595960398	5842749	102.000
Apr-Sep	5085369313	28455757	178.711	6207305106	31423376	197.538	6733707229	33414610	201.520
Oct-Mar	3045704369	29660960	102.684	3641246028	30793681	118.247	4144208453	34507543	120.096
Total	8131073682	58116717	139.909	9848551134	62217057	158.293	10877915682	67922153	160.153

Road Map for next 5 years for reduction of AT&C Losses in PSEB

Sr. No	Activity to be undertaken	Scope of work	Total cost Rs. In Crores	Annual Plan Rs. In Crores				
				2007-08	08-09	09-10	10-11	11-12
1	Addition of new electrical network with HVDS	New electrical network shall be conforming to such design which would ensure practical zero theft and less LT losses which is possible with HVDS only. To achieve this following action plan will be implemented. a) All new AP connections w.e.f 1.10.06 shall be released under HVDS only by providing individual small rating DTs for each connection. b) For MS connection above load of 50 KW shall be released with LT metering at 11 KV only by providing independent 63/100/200KVA DTs. c) For industrial load below 50 KW, connections shall be released with LT metering by installing	525 (Detailed calculation on Annx.'A' attached)	105	105	105	105	105
			250(Detailed calculation on Annx.'B' attached)	50	50	50	50	50
			75(Detailed calculation on Annx.'C' attached)	15	15	15	15	15
			540(Detailed calculation on Annx.'D' attached)	108	108	108	108	108

		<p>independent 25 KVA or 63 KVA transformer with Zero LT & meter installed on MCB or pillar box on the pole.</p> <p>d) All DS /NRS /SP new connections with load more than 10 KW shall be released on LT by providing independent transformer of 6.3/10/16/25KVA or higher capacity for each connection with zero LT by providing metering in pillar boxes or in MCB /CT chamber on poles.</p> <p>e) All DS & N RS connections for load less than 10 KW, single phase connection shall be released on LT by providing meters in pillar boxes or MCB on pole or MCB on outer wall as per location.</p> <p>f) All SIS & deposit works shall be prepared /sanctioned/execute d with the objective of Zero LT & meter in pillar boxes/ MCB on pole /MCBs on outer wall of consumers</p>	60(Detailed calculation on Annx.'E' attached)	12	12	12	12	12
			50	10	10	10	10	10
2.	HVDS for 11KV	All 9.30 lac AP consumers in PSEB	2387(Detailed calculation	700	700	700	287	-

	feeders exclusively feeding T/Well load	shall be converted on HVDS in next 3 to 4 years through outsourcing on turn key basis. This will be conversion of LT system to HT with Zero LT and installing small capacity DTs of 6.3/10/16/25KV matching with the load of pump set.	on Annx. F attached)					
3.	Capacitors on AP consumers	All 9.30 lac AP consumers in PSEB shall be provided with LT capacitors of adequate capacity through outsourcing on Turn Key and BOO basis.	125	25	25	25	25	25
4.	HVDS in GSC /ISC	Transformers to be spared from AP with HVDS shall be installed in residential colonies, shopping centres, Malls, Industrial Estates, Focal Points with cluster of 4/5 to 8/10 houses depending on load and meters shall be installed in pillar boxes to ensure Zero LT and no commercial loss/theft. This activity will be outsourced on labour basis as material would be available with the Board.	25	5	5	5	5	5
5.	Replacement of Single	Board has 5 lac Single Phase and	150(Detailed calculation	75	75	-	-	-

	Phase & Poly Phase Electro-Mechanical Meters with Static Meters.	20000 Poly Phase Electro-Mechanical Meters which are still left to be replaced with Electronic Meters. Board has planned 100% replacement of these meters within 2 years. All the new Electronic meters shall be installed in pillar boxes/MCB on pole/outer wall of the consumer through outsourcing. Board has also planned to install display units in the consumer's premises for all 48 lac DS & 2.6 lac NRS connections.	on Annx. 'G' attached)						
6.	Earthing	Earthing of all Grid Sub Stations and Distribution Transformers will be strengthened to bring the earth resistance to the lowest level by using Bentonite Powder.	85(Detailed calculation on Annx. 'H' attached)	35	50	-	-	-	-
7.	DT metering	For effective energy accounting & auditing DT meters shall be provided on Urban DTs in the First Phase and DT's catering GSC /ISC load in rural area in the 2nd phase .	Urban:80 Rural:20 (Detailed calculation on Annx. 'I' attached)	20 -	30 -	30 -	- 10	- 10	- 10
8.	Creation of Switching	PSEB has planned to create switching	.50	10	10	10	10	10	10

	Station, Ring Main Units & installation of 12 KV Auto Reclosers and Line Sectionalizers	stations fed from two independent sources of supply to establish ring main units and to install 12KV Auto Reclosers and line sectionalizers to improve system reliability for Urban Consumers pertaining to big cities of Punjab viz Amritsar, Jalandhar, Ludhiana Patiala & Bhatinda in the first phase and other Towns in the second phase.						
9.	IT in Distribution	<p>Following activities by way of introduction of IT in Distribution shall be covered in the first order of priority ensuring their seamless integration with the main project at a later date :</p> <p>i) Spot Billing through hand held computers.</p> <p>ii) Creation of centralized 24 Hrs. call centres for the entire State to handle supply failure complaints.</p> <p>iii) Consumer indexing & creation of consumer data bank without GIS /GPS in the first instance :</p> <p>iv) Creation of</p>	425	100	20 0	12 5	-	-

		customer care centres at each Sub Divisional Level office to handle following activities: a) New connections & enhancement of load. b) Wrong billing complaints. c) Faulty meter complaints d) Faulty transformers complaints e) Change of category/ownership etc.,etc. v) Remote metering of LS & BS consumers vi) Remote metering of all Agricultural Supply Feeders.							
10	Installation of capacitors	a) All 11 KV feeders in Urban & Rural areas shall be provided with 600/450Kvar 11 KV Line Capacitors to compensate the reactive load for the improvement of Power factor. b) Adequate addition of capacitors at all Grid Sub Stations for improving Power Factor & Load Control Measures.	25(Detailed calculation on Annx.'J' attached)	5	5	5	5	5	
11	De-loading of overloaded	All the over loaded and over regulated 11 KV feeders are	50	10	10	10	10	10	

	/over regulated feeders.	planned to be de-loaded by way of bifurcation or by augmenting of existing conductor with higher size.						
12	Rectification of defective Sub Station equipment	All obsolete equipments installed at Grid Sub Stations such as Breakers, Batteries, CTs/PTs etc., etc. are to be replaced so that sluggish equipment is changed in order to reduce the outages.	50	10	10	10	10	10
13	Protection of distribution transformers	All the distribution transformers installed in the Urban area are planned to be provided with proper LT protection by use of MCBs/Switches.	25(Detailed calculation on Annx.'K' attached)	5	5	5	5	5
		Total	4997					

* The Expenditure not incurred in any of the year shall be carry forward to the ensuing year

PUNJAB STATE ELECTRICITY BOARD

(Office of: Chief/Cost Control & Reduction, Patiala)

To

Chief Engineer/ Commercial,
PSEB, Patiala

Memo No. Spl-1

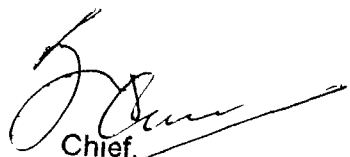
Dated: 16-11-07

Sub: Supply of Information on Formats for filing ARR/Tariff Revision Petitions for the year 2008-09

Ref: Your office U.O. No. 1453/70/CC/DTR/223 dated 1.10.2007

Please find enclosed herewith requisite information for the period 2006-07 and for the period 4/07 to 9/07 on the format supplied vide your letter under reference.

DA/Encl.


Chief,
Cost Control & Reduction
PSEB, Patiala.

2007-08

STATEMENT SHOWING CIRCLE WISE POSITION OF DISTRIBUTION LOSSES

Revised

Without S/W 2007-08

Circles	5/ 2007			6/ 2007			7/ 2007			8/ 2007			9/ 2007		
	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent
CORPORATE	1174.05	37.29	1367.33	905.37	41.88	1970.78	1084.52	43.02	2017.43	1551.11	30.85	1851.04	1433.71	26.31	1972.40
INDUSTRIAL	1421.04	46.06	1727.94	802.05	50.08	2297.88	1395.26	30.02	2574.80	1583.42	34.62	2537.28	1536.22	39.42	1971.65
TRANSPORT	204.27	35.79	1229.30	639.35	47.99	1031.42	1086.67	33.39	2027.82	1315.39	35.13	1463.49	1336.10	31.76	1335.29
CITY & TOWN	51.93	45.00	620.97	310.71	49.96	683.09	406.61	40.47	710.63	454.11	36.10	728.84	501.82	31.19	649.64
Zone Total	1914.29	41.24	4965.39	2619.08	47.26	6523.17	3983.06	38.94	7330.68	4448.03	33.87	4180.70	4807.73	35.05	5499.33
Unbilled															
RETAIL	2271.94	12.71	2705.80	2173.41	19.68	3073.28	2528.53	16.36	3305.25	2779.80	15.50	3146.43	2748.06	12.31	2975.16
GOVT. EMP.	1892.27	21.16	2169.10	1576.79	27.31	2248.51	1690.64	24.81	2419.64	1889.37	21.89	2443.79	2000.48	18.19	2217.11
SUP. SUPPLY	742.81	22.58	1032.75	711.79	31.08	1318.96	1021.65	22.53	1751.28	1332.01	23.94	1779.31	1367.79	21.41	1551.62
CITY & TOWN	1807.51	12.15	2055.73	1654.15	19.53	2030.35	1823.93	10.17	2153.40	1766.95	15.55	2211.65	1904.07	13.97	2000.85
Zone Total	4377.13	16.06	7933.38	6116.14	23.20	8521.10	7084.98	18.05	9328.77	7898.22	18.91	9600.67	8061.53	15.91	8314.84
Unbilled															
INDUSTRIAL	249.73	23.08	1274.35	954.34	25.11	1732.95	1251.29	29.82	1979.45	1443.57	27.67	1991.05	1521.03	22.47	1531.54
TRANSPORT	649.15	32.27	879.31	503.18	33.00	1036.94	755.82	27.11	1300.37	980.73	24.58	1272.30	1015.32	20.30	1093.79
CITY & TOWN	1638.02	30.19	1872.15	1291.01	34.44	2138.01	1543.61	29.45	2566.70	1762.61	25.52	2354.62	1637.41	21.37	2102.35
Zone Total	1073.94	31.75	1312.76	864.38	34.16	1491.60	1003.95	22.66	1428.75	1113.81	21.04	1408.67	1183.00	18.02	1173.67
Unbilled	1747.54	29.40	5426.66	3700.31	31.95	6499.50	4654.67	27.69	7075.27	5000.72	25.06	6597.30	5167.53	20.37	6043.97
APRIL	1945.08	30.05	2672.93	1625.64	39.18	3471.05	2351.90	32.24	4230.47	2622.64	31.14	4041.50	2516.63	29.57	3711.46
MAY	1399.22	18.96	1765.63	1373.39	22.05	1946.06	1554.67	20.11	2276.30	1432.39	27.15	2217.61	1534.88	17.25	1832.63
JUNE	1744.66	15.27	2793.26	1820.26	34.83	3911.93	2957.82	32.06	4945.20	3375.12	31.75	4651.12	3618.94	27.04	4025.16
JULY	1211.48	25.52	1479.99	1083.82	26.78	1437.54	1130.10	24.03	1708.16	1299.04	23.95	1676.46	1240.27	20.05	1518.71
Zone Total	6771.10	22.61	8711.81	5906.21	32.20	10816.58	7694.45	23.86	10171.13	6729.19	33.72	6306.59	5167.53	20.37	6043.97
Unbilled															
APRIL	1319.10	39.52	1860.59	970.62	41.55	1821.92	1127.77	38.10	2183.58	1336.78	33.67	2038.77	1492.79	34.19	2152.25
MAY	739.14	27.93	1054.45	612.36	42.47	1557.01	885.05	47.09	1755.39	946.70	40.50	1679.44	1156.33	35.38	1436.71
JUNE	945.20	30.06	1276.54	913.19	26.46	1916.92	1282.59	30.56	2366.72	1746.60	28.26	2515.80	1867.35	27.38	2227.20
JULY	869.66	30.50	1010.42	497.41	51.16	1170.92	563.95	40.27	1274.17	544.27	49.46	1312.33	890.30	47.40	1219.06
Zone Total	3453.90	37.56	5020.05	2983.58	40.37	6454.77	3977.27	43.02	7683.46	6743.35	38.49	6166.01	4189.57	37.13	5039.45
Unbilled	1300.63	27.36	5039.45	21335.92	30.53	38835.14	27254.47	29.82	44805.31	41900.51	30.01	44371.17	31257.23	25.85	34171.15

Energy sent - 2239.86
Energy billed - 1635.56
Losses = 60430445, 26.98%

Dist. losses up to Sep 07 = 26.98%

STATEMENT SHOWING CIRCLE WISE POSITION OF DISTRIBUTION LOSSES

Without Slippage

Circle Name	4/ 2006			5/ 2006			6/ 2006			7/ 2006			8/ 2006			9/ 2006		
	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff
ORDER																		
GURDASPUR	929.99	593.94	36.13	1391.45	685.49	50.74	1639.18	943.65	44.46	1796.32	1216.33	32.29	1645.03	1224.84	25.54	1351.20	1044.58	22.68
SUBURBAN	1163.78	719.41	38.27	1710.15	796.54	53.42	2144.15	1185.02	44.73	2190.97	1247.50	43.06	2043.32	1364.74	32.23	1486.88	1214.94	18.40
TARAN TARN	673.40	447.87	33.49	1144.41	516.09	54.90	1538.89	951.81	40.46	1759.61	1141.70	35.12	1720.37	1147.78	33.28	988.37	870.90	11.88
CITY AMRITSAR	458.24	275.69	39.62	850.65	293.45	54.90	614.82	369.62	39.86	658.75	421.13	36.07	637.61	451.38	29.21	575.04	433.38	24.63
Zone Total	3225.41	2036.91	36.85	4896.66	2291.57	53.20	6056.84	3450.12	41.04	6405.65	4026.66	37.14	6046.33	4208.74	30.39	4403.49	3503.90	19.07
CENTRAL																		
KHANNA	2005.28	1905.67	4.92	2373.66	1845.58	17.99	2539.39	2376.01	6.43	2347.38	2276.49	3.02	2327.05	1871.69	19.57	2808.66	2034.96	27.55
CITY WEST	1623.92	1305.33	19.62	2063.32	1408.57	31.73	1982.39	1635.89	16.64	2001.71	1580.06	21.06	1983.71	1789.20	9.30	2024.22	1727.62	14.68
SUBURBAN	604.27	473.41	21.65	866.03	601.86	30.50	1274.65	900.72	29.34	1461.40	1111.25	23.96	1484.69	1171.30	21.11	1198.54	984.60	17.85
CITY EAST	1589.14	1395.28	12.75	1896.39	1442.05	23.59	1830.31	1647.63	8.48	1721.00	1500.61	12.81	1727.68	1491.31	13.68	2087.24	1656.29	19.88
Zone Total	5837.59	5080.69	12.89	7199.40	5405.06	24.91	7576.74	6560.25	13.42	7531.49	6468.41	14.12	7523.13	6333.50	15.31	8098.95	6403.48	20.83
NORTH																		
KAPURTHALA	759.65	601.52	20.82	1190.84	739.69	37.89	1742.60	1131.77	35.05	1799.55	1334.20	25.86	1741.10	1344.68	22.77	1143.89	1141.83	0.18
NAWANSHEHR	498.03	384.39	22.82	740.70	457.72	38.20	915.77	642.13	29.88	1040.57	785.61	26.42	1013.92	818.38	19.29	860.38	720.04	16.31
JALLANDHAR	1388.25	1062.21	23.43	1889.53	1159.80	38.67	1937.56	1390.08	27.13	2043.95	1539.07	24.70	1957.37	1536.26	21.51	1830.07	1578.54	13.74
HOSHARPUR	876.26	683.67	21.41	1280.61	747.43	41.63	1331.07	900.23	30.19	1316.13	1021.13	22.41	1269.01	1146.78	9.63	1102.75	1019.70	7.53
Zone Total	3522.19	2736.79	22.30	5101.68	3103.64	39.16	5867.00	4072.16	30.59	6200.20	4650.01	24.84	5981.40	4846.10	19.98	4937.09	4450.11	9.66
SOUTH																		
PATIALA	1652.24	1164.17	29.54	2312.13	1343.08	41.91	3209.87	1981.69	38.26	3551.53	2340.02	34.11	3587.41	2400.43	33.27	3329.66	2402.50	27.85
ROPAR	1290.80	1230.15	4.70	1807.87	1247.35	22.42	1823.89	1476.73	19.03	1980.79	1645.86	17.33	1856.06	1541.36	15.96	1824.10	1594.26	12.60
SANGRUR	1518.59	1207.58	20.43	2454.37	1454.05	40.76	3544.41	2352.70	38.44	4132.91	2770.29	32.81	4200.77	2840.07	32.39	3534.58	2842.10	19.58
MOHALI	1004.29	857.89	14.53	1277.87	883.94	30.83	1232.83	1057.34	14.24	1313.40	1079.36	17.82	1328.17	1014.28	23.63	1452.34	1062.93	26.81
Zone Total	5465.92	4459.79	18.41	7852.24	4928.42	35.60	9811.10	6788.46	31.01	10978.63	7835.53	28.83	10882.41	7796.14	29.01	10140.63	7801.84	22.08
WEST																		
BATHINDA	1016.37	724.08	28.75	1338.74	817.03	36.97	1580.77	962.19	38.35	1825.83	1182.89	36.31	1918.84	2062.20	-9.03	1664.05	1233.77	25.89
FERROZEPUR	661.00	463.27	29.15	928.60	495.15	46.68	1432.75	681.71	54.33	1566.73	834.28	46.75	1633.14	1040.75	36.27	1049.31	831.11	20.79
FARIDKOT	842.06	603.90	28.64	1050.91	735.42	29.93	1791.04	1268.48	29.18	2150.34	1535.31	28.60	2169.65	1423.71	34.38	1758.56	1386.03	21.18
WAKATSAR	734.18	425.76	42.01	874.52	430.58	50.76	990.77	568.30	43.65	1053.75	595.98	43.44	1120.61	640.16	42.87	1018.73	593.81	41.71
Zone Total	3253.61	2219.01	31.80	4192.77	2479.18	40.87	5835.33	3470.71	40.52	6596.85	4126.46	37.42	6842.24	5196.82	24.05	5490.65	4044.72	26.33
Board Total	21299.72	16533.19	22.38	28042.73	16208.87	37.30	35147.01	24321.72	30.80	37712.62	27119.07	28.09	37375.51	23381.30	24.06	33970.87	26274.06	20.39

Total Energy Sent = 193645

Total Energy Billed = 140926

Loss = 52709

27.21 %

STATEMENT SHOWING CIRCLE WISE POSITION OF DISTRIBUTION LOSSES

Circle Name	10/ 2006			11/ 2006			12/ 2006			1/ 2007			2/ 2007			3/ 2007			Up To 3/ 2007		
	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff	Energy Sent	Energy Billed	% Diff
FOUNDER																					
QURDASPUR	1189.05	984.77	17.18	1043.70	868.11	13.95	1119.25	835.49	25.35	1221.56	788.17	35.48	945.68	750.35	20.85	978.34	656.04	32.85	15309.37	10621.77	30.62
SUBURBAN	1495.28	1072.49	28.27	1220.55	933.89	23.49	1423.08	943.43	33.71	1447.28	876.99	39.40	1129.32	816.09	27.74	1180.34	695.08	41.15	18637.70	11885.04	36.23
URBAN	1000.44	584.99	31.53	742.19	613.75	17.31	936.02	584.80	37.52	983.70	820.22	36.95	707.98	603.06	14.81	701.18	490.11	30.10	12956.26	8673.19	33.06
QTY AARTISAR	519.34	448.62	13.62	409.50	401.48	1.98	421.52	362.04	14.11	415.61	308.72	25.72	362.50	326.31	9.98	391.74	276.41	29.44	6115.32	4369.23	28.55
Zone Total	4204.11	3190.87	24.10	3415.94	2847.23	16.65	3899.87	2725.75	30.11	4068.17	2594.10	36.23	3145.38	2495.81	20.65	3250.80	2117.56	34.86	53018.65	35545.23	32.95
CENTRAL																					
KHANNA	2371.16	2407.03	-1.51	2008.18	2125.85	-5.86	1980.67	1974.61	0.31	2095.11	1857.67	11.33	1747.22	1910.16	-9.33	2029.96	1708.13	15.85	26633.80	24395.85	8.40
QTY WEST	1850.74	1835.73	0.81	1618.94	1744.20	-7.74	1680.70	1589.41	4.29	1670.36	1517.01	9.18	1513.36	1514.37	-0.07	1615.32	1353.28	16.28	21569.69	19010.60	11.95
SUBURBAN	1014.47	870.62	14.18	688.63	688.60	0.00	723.60	645.50	10.79	813.90	710.41	12.72	693.46	619.51	10.66	637.33	586.11	8.04	11460.97	9363.89	18.30
QTY EAST	1870.03	1838.80	1.67	1737.83	1757.86	-1.15	1772.71	1736.75	2.03	1704.22	1589.11	0.89	1566.32	1602.11	-2.28	1730.10	1500.41	13.28	21193.13	19265.21	9.10
Zone Total	7105.40	6952.18	2.17	6053.64	6316.51	-4.34	6137.68	5946.27	3.12	6283.59	5774.20	8.11	5520.36	5646.15	-2.28	6013.61	5147.85	14.40	80877.35	72035.55	10.92
NORTH																					
KAPURTHALA	967.69	970.95	-0.34	749.50	814.50	-8.67	776.22	773.85	0.31	844.54	780.33	7.60	599.97	657.61	-9.61	695.40	650.56	6.45	13010.95	10941.49	15.91
RAJAN SAGAR	743.62	709.36	4.63	532.66	312.52	41.33	543.92	565.22	-3.92	602.26	528.46	12.25	403.39	451.80	-12.00	423.36	360.69	15.80	8323.78	6716.32	19.31
JALLANDHAR	1628.49	1569.53	3.50	1305.93	1507.25	-15.42	1355.37	1321.23	2.52	1375.09	1205.74	12.32	1188.09	1140.98	3.97	1310.43	1077.31	17.79	19178.13	16006.92	16.12
HOSHARPUR	1057.18	1054.54	0.25	844.97	962.92	-13.96	785.00	853.35	-11.55	841.21	777.06	7.63	605.59	733.29	-19.44	693.44	657.28	4.80	11950.22	10560.43	11.03
Zone Total	4395.18	4304.38	2.07	3423.06	3597.15	-4.78	3440.51	3513.65	-2.13	3663.10	3291.59	10.14	2797.04	2973.58	-6.32	3124.63	2745.84	12.12	52483.08	44305.16	15.85
SOUTH																					
PATIALA	2424.54	2120.20	12.55	1729.63	1624.06	6.10	1862.44	1557.50	20.63	2039.42	1481.78	27.34	1515.81	1403.80	7.39	1600.61	1387.81	17.91	29015.29	21207.04	26.91
FOPAR	1576.08	1515.85	3.82	1389.25	1441.47	-3.76	1400.77	1354.79	3.28	1473.06	1379.13	6.37	1244.01	1300.88	-4.56	1231.10	1166.50	5.25	18707.73	18694.13	9.69
SAN GRUF	2471.60	2346.37	5.07	1559.40	1657.08	-6.26	1894.29	1604.30	15.31	1950.66	1621.57	16.87	1529.47	1612.35	-5.42	1803.63	1497.39	18.98	30564.70	23705.85	22.49
MORALI	1289.11	1160.93	9.94	1119.29	1099.31	1.79	1182.78	1027.59	11.63	1207.74	1020.53	15.50	1009.48	1054.52	-4.46	1054.30	982.74	6.78	14451.80	12301.41	14.88
Zone Total	7761.33	7143.35	7.96	5797.58	5821.92	-0.42	6420.28	5544.19	13.65	6670.84	5503.01	17.51	5298.77	5371.35	-1.37	5779.54	5034.44	12.89	92759.32	74106.43	20.11
WEST																					
PATILLODA	1404.59	1110.05	24.21	1217.40	1055.50	13.30	1207.67	959.92	20.51	1380.00	985.93	29.02	1181.51	865.75	25.03	1125.37	790.78	29.83	16911.64	12780.01	24.43
PEROZPUR	864.66	864.86	0.00	697.45	598.95	14.12	852.18	580.12	31.93	905.56	541.68	40.18	785.98	537.86	31.57	763.42	503.66	33.67	12265.99	7684.42	34.59
FIFOKOT	1188.65	974.62	18.02	967.72	790.07	18.36	982.14	766.97	21.91	1020.12	745.70	26.90	900.86	768.22	13.38	945.67	720.71	23.79	15767.92	11657.15	26.07
MIKAT SAR	932.03	568.08	37.12	856.34	604.97	29.35	802.98	552.25	31.22	907.57	538.85	40.63	822.74	474.46	42.33	769.58	452.59	41.11	10862.80	6453.79	40.70
Zone Total	4450.33	3535.61	20.55	3738.92	3049.49	19.44	3844.97	2859.25	25.84	4222.25	2812.16	33.40	3691.09	2606.29	29.36	3609.54	2473.66	31.47	55768.35	38875.37	30.29
Grand Total	27917.35	25126.39	10.00	22439.14	21632.34	3.60	23743.31	20589.12	13.28	24907.95	19975.06	19.80	20522.64	19093.28	6.65	21778.12	17519.35	19.56	34866.96	254873.74	23.91

Dr. L. S. 2006-07 20,91%

TRANSMISSION LOSSES FOR YEAR 2007-2008

Provisional

Sr No.	ITEM	UNIT	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Upto Sept.
1	MU Consumed within State at Transmission Input as per S.I DC	MU	2629.00	3377.00	4112.00	4733.00	4692.00	3943.00	23486.00
2	2) Sale to consumers at 220/132/66/33KV	MU	305.76	337.55	314.40	331.43	284.18	336.44	1909.76
3	3) Transferred to Distribution System at 11KV	MU	2210.19	2872.40	3569.10	4149.10	4123.77	3505.53	20430.09
4=1-(2+3)	Transmission Losses upto 11KV	MU	113.05	167.05	228.50	252.47	284.05	101.03	1146.15
	% Transmission Losses during the month	%	5.64	7.33	9.10	10.57	10.49	8.91	4.88

3419
346
3278
146

To Loss upto Sep 4.88%

TRANSMISSION LOSSES FOR YEAR 2006-2007

SR NO	ITEM	UNIT	Units in MU												
1	MU Consumed within State at Transmission Input as per SLDC	MU	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Upto March
2	Sale to consumers at 220/132/66/33KV	MU	2223.00	3078.00	3684.00	3962.00	3944.00	3404.00	2902.00	2298.00	2307.00	2627.00	2039.00	2316.00	34934.00
3	Tranferred to Distribution System at 11KV	MU	294.27	317.56	308.57	280.93	286.77	326.41	317.34	312.29	312.54	320.88	301.78	310.19	3692.59
4=1-2+3	Transmission Losses upto 11KV	MU	93.03	173.73	169.30	190.74	206.45	96.91	2474.40	1931.02	2061.70	2160.92	1741.30	137.82	20766.18
	% Transmission Losses during the month	%	4.73	6.66	8.25	8.97	8.86	7.65	110.26	54.09	132.67	139.20	6.20	182.19	1475.2
									3.80	2.35	5.28	5.18	0.61	5.97	4.27

For losses upto 07 4.27%

POWER SUPPLY POSITION FOR THE YEAR 2006-07 (AVERAGE PER DAY)

Month	Avg. Consp. (LU/day)	Rural 3 Ph. Avg. Supply (Hours/Day)		Average Hours/Day				Rural Sector total supply (Hours/Day)	Average Power Cut (Hrs /Day)				P. Cut Relief inclusive all restrictions on Industry (LU/day)	Unrestricted Demand (LU/Day)
		General Area	Border Area	Urban/ Indl. feeders	Main Cities	Urban Pattern feeders.			Urban/ Indl. feeders	Main Cities	Urban Pattern feeders.			
April	740.92	3.79	4.43	2.04	0.74	5.69	5.90	18.31	2.04	0.74	5.69	5.90	128.26	869.18
May	992.68	5.98	7.64	0.01	0.00	0.13	0.48	23.87	0.01	0.00	0.13	0.48	32.28	1024.96
June	1228.12	9.34	9.18	2.55	1.17	4.51	3.11	19.49	2.55	1.17	4.51	3.11	181.44	1409.56
July	1278.28	10.20	10.21	3.58	1.22	5.87	4.35	18.13	3.58	1.22	5.87	4.35	287.20	1565.48
August	1273.36	7.91	7.94	3.31	1.85	4.92	3.40	19.08	3.31	1.85	4.92	3.40	288.64	1562.00
September	1134.81	7.32	6.02	0.10	0.00	0.71	0.62	23.29	0.10	0.00	0.71	0.62	87.91	1222.72
October	936.06	11.09	11.23	0.29	0.00	1.26	1.27	22.74	0.29	0.00	1.26	1.27	38.98	975.04
November	766.36	10.50	11.00	0.11	0.00	0.92	0.92	23.08	0.11	0.00	0.92	0.92	25.82	792.18
December	808.63	12.80	13.98	0.52	0.06	1.79	1.81	22.21	0.52	0.06	1.79	1.81	47.88	856.51
January	847.48	10.86	10.98	1.04	0.21	3.00	2.46	21.00	1.04	0.21	3.00	2.46	64.73	912.21
February	728.09	10.12	10.30	0.29	0.05	1.28	1.19	22.72	0.29	0.05	1.28	1.19	37.36	765.45
March	747.00	9.26	10.15	0.08	0.00	0.30	0.26	23.70	0.08	0.00	0.30	0.26	22.88	769.88
Avg.	956.82	9.10	9.42	1.16	0.44	2.53	2.15	21.47	1.16	0.44	2.53	2.15	103.62	1060.43



OFFICE OF THE MEMBER / DISTRIBUTION
PUNJAB STATE ELECTRICITY BOARD

Sub:-Information for Regulatory Commission.

Please find enclosed herewith the the information regarding deloading of DS T/f, deloading/bifurcation of feeders and No. of meters shifted outside consumer premises.

+++ 23/11
~~AD/IR-I~~
AD/IR-I 23/11

To

Chief Engineer/Commercial,
PSEB, Patiala.

UO No. 5721

Dated 22/11/2017

22/11/17
SE/Tech to Member/D,
PSEB, Patiala.

DELOADING OF DISTRIBUTION TRANSFORMERS

Sr. No.	Name of the Zone	No. of T/f Deloded	
		During 2006-07	1.4.2007 to 30.9.2007
1.	Border	1195	1862
2.	North	1517	1637
3.	Central	2494	1386
4.	South	4105	4025
5.	West	2407	2140
Total		11718	11050

DELOADING OF 11kv feeder/bifurcation

Sr. No.	Name of the Zone	No. of Feeders deloded/bifurcated	
		During 2006-07	1.4.2007 to 30.9.2007
1.	Border	23	12
2.	North	69	30
3.	Central	39	14
4.	South	30	32
5.	West	21	37
Total		182	125

METERS SHIFTED OUTSIDE CONSUMER PREMISES

Sr. No.	Name of the Zone	No. of Meters shifted outside consumer premises	
		During 2006-07	1.4.2007 to 30.9.2007
1.	Border	162211	86048
2.	North	140092	106086
3.	Central	267335	51284
4.	South	45945	145513
5.	West	234558	530231
Total		850141	919162

Actual Energy Availability/Consumption (MUs) during the year 2004-05

Pro Actuals

	April	May	June	July	August	Sept.	October	Nov.	Dec.	January	Feb.	March	Total
(A) COMMON POOL STNS.					AS ON 12.07.2005 as per Final REA upto March (includes upto date UI Revisions)								
Bhakra	127 958	168 888	163 418	186 840	179 244	172 509	151 599	159 251	141 598	127 309	81 092 995	103 325	176 000
Dehar	85 342	157 874	162 912	208 890	203 855	165 401	119 242	60 740	46 444	41 513	57 786	135 140	1445 139
Pung	17 900	24 119	17 851	13 769	15 801	22 124	28 512	22 826	26 455	19 725	6 397	1 521	217 000
Total	231 200	350 881	344 181	409 499	398 900	360 035	299 352	242 816	214 497	188 547	145 276	239 987	3425 171
(B) Purchase													
ii) NHPC													
B Sui	27 375	34 780	26 657	29 107	36 640	19 018	21 863	11 244	8 861	11 946	27 976	56 634	312 101
Sabi	68 637	110 659	116 912	125 944	126 838	95 779	45 452	25 939	22 314	26 163	49 393	92 433	906 461
T Pur	2 376	4 122	8 099	11 619	11 655	11 376	10 679	6 429	3 988	2 779	3 301	3 565	79 084
Chamera-I	13 590	25 893	24 359	26 190	33 413	14 720	13 136	7 826	5 551	7 635	4 815	31 368	208 494
Chamera-II	42 381	66 247	65 380	66 517	75 593	34 377	12 015	6 360	5 151	5 063	4 947	13 067	397 084
Uti	43 192	42 716	38 891	31 053	20 113	16 075	17 229	10 734	10 282	17 038	13 183	36 747	297 253
Total	197 551	284 417	280 298	290 430	304 252	191 345	120 372	68 521	56 146	70 623	103 614	233 814	2201 347
NJPC	89 013	75 376	106 777	118 213	56 328	62 952	32 400	24 727	23 622	21 761	19 425	27 840	559 474
iii) NTPC													
Singrauli(NTPC)	121 020	140 815	140 326	158 796	148 396	166 890	161 198	131 523	135 963	124 056	124 059	128 586	1691 517
Rihand - I	75 312	85 751	86 780	86 616	81 751	62 637	68 787	74 507	74 846	75 128	58 317	74 249	934 579
Rihand - II	0 000	0 000	0 000	0 000	0 000	0 000	0 000	0 000	0 000	0 000	0 002	0 000	0 000
Anta (G)	24 565	24 005	24 460	28 052	32 050	32 150	27 230	25 455	22 609	21 051	15 559	23 735	200 921
Anta (L)	4 951	2 123	5 394	2 726	6 166	7 288	0 390	0 829	0 252	1 193	0 000	0 000	31 312
Auraya (G)	36 513	36 810	36 893	39 327	43 347	41 046	40 312	33 063	34 364	31 013	22 531	34 230	424 451
Auraya (L)	11 492	2 809	14 331	22 144	9 376	11 749	0 899	0 943	0 494	2 251	0 000	0 000	76 487
Dadri (GT)	54 702	55 650	55 257	55 385	72 396	64 363	56 797	59 056	57 098	57 084	36 699	61 174	486 652
Dadri (L)	14 999	1 740	15 721	25 906	9 219	12 382	0 000	0 185	0 000	0 000	0 000	0 000	80 151
Uncharhar-I	22 898	25 043	23 355	26 509	25 967	18 177	18 367	20 492	24 501	24 381	19 444	23 167	272 299
Uncharhar-II	40 149	33 616	42 535	40 882	34 631	48 737	48 737	40 522	40 832	40 709	35 407	38 579	489 284
Total	406 601	408 362	445 052	486 343	463 289	465 439	422 716	386 575	390 958	376 943	312 018	363 719	4949 016
v) NPC													
NAPP	28 005	31 226	26 929	14 782	15 242	23 053	36 073	28 792	27 807	27 597	26 231	28 36	311 334
RAPS-3	0 000	0 000	6 674	25 531	12 731	9 099	30 798	28 039	26 364	29 011	27 677	30 52	294 548
RAPS-4	0 000	0 000	7 086	18 033	16 573	18 673	25 015	31 000	32 565	33 085	30 116	30 80	292 310
Total	28 005	31 226	40 689	58 346	44 510	50 826	91 886	87 831	86 737	89 693	84 023	90 385	793 157
Gross Share From C/Sector	952 370	1150 262	1216 997	1362 831	1267 279	1130 595	966 726	810 470	771 960	747 568	664 357	975 785	12417 353
Bilateral Transactions													
PTC	41 219	84 849	95 145	159 262	197 562	216 057	47 824	0 932	9 744	40 577	31 231	26 16	964 509
NVNL	35 186	0 000	29 178	38 439	131 127	89 895	99 139	26 536	48 249	21 313	42 350	25 17	546 076
Cj Banking From (+)													
HPSEB	0 000	12 000	32 540	48 460	51 720	14 640	0 000	0 000	0 000	0 000	0 000	0 000	150 969
J&K	4 450	8 200	31 700	20 150	33 506	15 236	3 250	0 000	0 000	0 000	0 000	0 000	136 408
UPCL	1 780	16 000	56 425	36 200	59 435	39 800	0 000	0 000	0 000	0 000	0 000	0 000	234 500
Total	6 230	36 200	120 665	104 810	144 661	69 678	3 250	0 000	0 000	0 000	0 000	23 450	509 974
(Royalty)	-6 648	-6 170	-5 648	-5 670	-6 670	-5 648	-5 669	-2 648	-1 170	-1 170	-1 105	-4 570	-50 809
(RSD Share)	-0 649	-2 918	-6 699	-8 030	-8 052	-5 209	-2 060	-3 064	-2 161	-1 922	-3 485	-4 105	-60 104
Total	-7 297	-9 088	-12 347	-13 699	-14 722	-10 857	-7 729	-5 712	-3 330	-3 092	-4 590	-8 775	-101 237

Actual Energy Availability/Consumption (MUs) during the year 2004-05

Total Enrgy. Disp. to PSEB	1027.708	1262.223	1449.638	1651.643	1725.908	1495.357	1109.210	798.377	762.360	747.725	650.748	1022.590	1373.467
Entitlement as per NHEB A/C	994.896	1220.116	1400.798	1587.919	1653.343	1429.869	1061.146	764.325	724.886	709.567	618.849	989.011	1354.734
Total Trans. Losses (Actual)	32.812	42.107	48.840	63.724	72.565	65.488	48.004	34.052	37.463	38.158	31.900	33.579	518.702
Wj Others	3.193	3.336	3.369	3.658	4.204	4.379	4.333	4.265	4.914	5.103	4.902	3.284	4.004
P&A, Sugar Mills	4.260	5.178	3.573	3.983	4.557	2.996	4.574	9.836	12.667	11.056	7.944	11.624	12.294
Losses	1.680	2.090	0.705	0.148	0.000	0.000	0.000	4.028	5.731	6.009	5.265	5.866	31.521
Net Total Generation	5.940	7.268	4.278	4.132	4.557	2.996	4.574	13.864	18.398	17.065	13.250	17.494	115.815
Net (Total) external energy in	46.755	66.209	175.681	61.924	145.849	48.291	-8.652	50.129	-4.944	-35.110	1.541	32.189	579.861
PSEB System	1047.591	1293.593	1580.758	1653.974	1603.749	1481.156	1057.067	828.318	738.350	691.521	633.640	1038.694	1384.410
Generation Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-15.568	-15.990	-35.200	-6.600	-73.378
HPSEB	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
USOC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-33.950	-48.675	-42.651	-47.400	-12.600	-165.276
SHANAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-33.950	-64.263	-58.641	-82.600	-19.200	-258.654
D) OWN GENERATION:													
1) Hydro	46.661	65.618	63.772	61.191	80.419	46.552	33.153	26.637	18.957	17.575	19.900	35.040	515.475
USOC	5.149	22.336	54.240	57.585	59.407	45.852	22.068	30.935	21.540	18.961	21.076	20.517	379.606
ASNP	75.964	107.369	89.383	65.761	59.848	83.299	108.852	70.089	59.005	56.841	29.653	5.544	811.624
RSPP	32.629	66.662	70.021	74.602	47.107	33.317	13.355	24.526	14.119	4.259	1.968	5.659	388.424
Micro	14.548	64.973	157.933	190.142	191.589	124.850	53.262	73.161	48.033	46.137	81.806	97.722	1144.156
Total	0.651	0.521	0.246	0.207	0.519	0.340	0.304	0.153	0.213	0.265	0.045	0.180	3.544
2) THERMAL :	175.602	327.499	435.595	449.488	438.889	334.210	230.994	225.501	161.867	144.038	154.448	164.862	3242.933
GDSP BTI	126.498	150.577	174.107	196.963	190.817	198.753	200.723	112.983	177.706	162.106	148.133	153.116	1592.482
GDSP P RPH	760.740	842.630	927.390	895.750	883.490	883.490	600.680	653.570	770.902	726.900	622.250	673.940	9482.662
GDSP L M	217.348	275.441	283.493	312.998	291.395	303.521	287.498	295.388	312.736	307.151	262.612	149.663	3309.244
Total (m-T)	1104.586	1150.458	1310.230	1437.351	1377.962	1385.764	1088.901	1061.941	1261.344	1196.157	1032.995	976.719	14384.408
Gross Cons.	1280.188	1477.957	1745.825	1886.839	1816.851	1719.974	1319.895	1287.442	1423.211	1340.195	1187.443	1141.581	17627.401
Total Aux. + T/F Losses	2327.779	2771.550	3326.583	3540.813	3620.600	3201.130	2376.962	2115.760	2161.561	2031.716	1821.083	2180.275	31475.811
Net Consumption	112.380	117.721	134.915	143.293	135.978	132.937	107.867	99.906	115.127	104.327	95.054	95.948	1395.492
Net Cons. (m-T)	2215.399	3191.668	3397.520	3484.622	3068.193	2288.095	2015.854	2046.435	1927.389	1725.989	2084.327	30080.319	11331.882
Net Cons. (m-T) + T/F Losses	856.500	993.907	1297.763	1321.898	1492.135	1197.466	813.508	659.215	628.909	602.865	860.261	860.261	11331.882
Net Cons. (m-T) + T/F Losses	2025.282	2548.297	3240.293	3338.979	3398.287	2913.560	2375.827	1888.852	2014.999	2012.742	2282.046	29899.222	0.000
Net Cons. (m-T) + T/F Losses	9.387	4.141	-1.501	1.753	2.541	5.307	-4.492	6.724	1.560	-4.241	-7.208	-8.664	0.000

Actual Energy Availability/Requirement met of Punjab for the year 2005-06

All Figures in MU													
COMMON POOL STNS	April	May	June	July	August	Sept.	October	Nov.	Dec.	January	Feb.	March	Total
Bhakra	134.33	176.624	232.021	363.322	422.119	281.830	220.647	201.249	228.628	198.867	199.404	157.751	2516.703
Dhar	145.85	179.672	194.617	179.218	189.428	193.481	102.008	58.817	43.290	43.055	42.210	51.529	1227.171
Pong	16.73	28.859	46.822	20.526	44.474	32.272	45.176	42.459	40.773	33.549	45.052	26.987	427.631
Total	296.907	385.155	473.460	563.066	656.020	507.582	367.830	302.526	312.690	275.471	286.666	236.267	1963.64
(B)Purchase													
NHPC													
B Nul	51.89	55.924	51.639	52.196	31.991	25.208	14.944	10.032	7.400	10.033	16.074	20.880	355.213
Salal	97.03	123.281	115.283	120.823	127.039	108.546	54.257	31.930	24.393	33.804	31.879	47.241	915.697
J Par	3.94	5.819	7.988	9.094	10.506	10.500	11.485	6.683	3.550	1.296	0.678	0.551	72.085
Chamera-I	26.28	29.700	34.398	40.068	35.093	24.847	10.294	5.202	5.155	5.522	5.532	11.465	233.560
Chamera-II	17.23	22.007	24.734	24.935	27.131	24.502	11.767	6.124	4.106	4.001	3.749	6.129	135.205
Pri	41.65	47.667	45.031	43.575	37.180	22.434	16.225	10.409	9.370	17.069	32.162	42.786	365.858
Dhadianiya	0.00	0.000	0.000	0.000	0.000	4.075	10.741	6.293	4.174	3.35	2.784	3.064	51.124
Total	238.036	284.398	279.072	290.691	268.940	220.110	129.712	76.671	58.147	75.077	92.857	141.091	2151.711
NHPC	96.92	181.866	180.938	49.391	76.2703	18.676	10.106	24.923	22.537	20.159	21.321	23.505	406.563
NTPC													
Singrauli(NTPC)	114.81	129.744	120.286	125.187	125.907	116.872	150.288	145.733	138.846	135.975	122.442	137.347	1563.135
Rihand - I	72.92	75.570	79.916	75.948	62.662	75.190	75.808	44.299	37.568	66.656	67.731	64.930	799.301
Rihand - II	0.00	0.614	15.650	15.126	24.107	29.552	38.801	37.64	31.754	35.05	39.458	61.346	339.100
Ania (G)	17.19	22.327	25.243	28.626	27.619	26.134	26.063	21.840	21.996	20.847	19.968	19.988	377.533
Ania (L)	0.00	2.889	8.272	3.898	7.223	2.663	3.045	0.109	0.000	0.490	3.711	2.013	37.313
Auraya (G)	28.27	30.587	31.486	38.516	35.764	32.429	36.845	33.211	31.752	34.617	34.645	36.073	642.158
Auraya (L)	0.00	3.498	13.915	7.487	16.063	5.900	6.344	0.197	0.000	0.953	6.419	3.926	61.606
Dadri (G)	43.79	48.195	51.842	60.558	52.593	56.953	55.636	57.062	54.054	53.182	52.788	57.350	644.001
Dadri (L)	0.00	10.588	27.769	15.664	18.248	12.949	5.536	0.206	0.000	0.379	8.995	5.682	106.015
Unchahar-I	23.05	23.499	24.613	24.741	25.492	20.557	23.244	20.574	25.181	25.246	22.788	24.724	283.708
Unchahar-II	32.27	35.575	43.032	38.710	36.026	44.628	47.435	41.498	41.556	41.532	37.553	40.869	480.674
Total	332.291	383.085	442.023	434.462	431.705	423.826	469.046	402.371	382.707	414.933	416.499	454.231	652.154
NPC													
NAPP	26.76	16.602	23.244	26.508	28.836	28.361	25.607	12.738	12.806	12.894	11.463	12.69	335.503
RAPS-3	28.93	30.455	26.737	31.425	31.039	30.262	25.063	27.982	28.104	28.485	8.194	19.60	315.236
RAPS-4	6.56	30.500	30.534	32.638	33.256	32.304	29.383	27.640	23.005	22.945	20.251	22.81	311.814
Total	62.250	77.557	80.515	90.571	93.130	90.927	80.053	68.360	63.915	64.323	39.907	55.117	565.549
Open Access Transactions													
PLC(AI delivery point)	78.001	135.337	206.958	313.444	323.148	191.286	51.254	0.711	24.746	69.273	37.297	3.34	1333.693
NVNL(AI delivery point)	0.00	0.000	106.462	18.976	18.100	33.924	42.478	0.000	41.164	45.553	0.000	0.000	306.603
NTPC (WR) other traders	0.00	0.000	0.000	0.000	0.253	0.000	0.000	0.000	0.000	0.780	17.814	10.02	25.867
Total Trading	78.001	135.337	313.420	332.370	341.501	225.210	93.732	0.711	65.910	115.606	55.111	13.258	1770.167
(-) Banking From (+)													
HPSEB	0.000	0.000	13.575	25.864	12.612	17.356	2.000	0.000	0.000	0.000	0.000	0.000	71.367
Rajasthan	0.000	0.000	0.000	23.775	11.550	5.925	3.800	0.000	0.000	0.000	0.000	0.000	43.080
UPCL	0.000	0.000	20.010	25.809	26.532	16.798	4.880	0.000	0.000	0.000	0.000	0.000	111.03

[illegible]

Actual Energy Availability/ Requirement of Punjab for FY2006-07 (All figures in MU)

	April	May	June	July	August	Sept.	October	Nov.	Dec.	January	Feb.	March	Total
COMMON POOL STNS.													
Bhakra	137.143	247.582	326.159	236.237	314.313	246.732	177.008	182.425	198.531	191.212	122.611	140.683	2520.635
Dahar	91.093	191.599	164.281	200.998	172.006	6.485	70.514	40.443	33.917	26.195	23.523	78.758	1099.812
Pong	12.854	37.583	25.732	36.406	16.159	19.753	51.244	41.859	37.154	25.598	28.006	25.464	357.813
Total	241.090	476.764	516.172	473.641	502.478	272.970	298.766	264.727	269.602	243.005	174.141	244.905	3978.260
NHPC													
B. Suil	38.531	41.390	24.49	35.56	46.89	30.696	15.026	9.931	12.440	8.739	9.881	45.886	319.464
Salal	72.201	121.279	118.126	114.045	123.439	106.517	57.064	35.325	40.551	25.371	27.694	70.402	912.014
T. Pur	2.423	6.712	7.120	9.516	11.487	11.134	8.855	4.410	2.26	1.090	1.219	3.153	69.375
Chamera-I	19.734	35.466	24.676	35.109	38.924	23.771	9.958	6.134	7.438	5.321	5.082	26.098	237.710
Chamera-II	13.047	25.604	21.588	25.567	23.798	18.318	9.102	4.783	4.20	3.396	3.085	9.140	161.628
Uri	44.240	47.633	39.426	41.656	41.289	32.876	19.399	19.289	21.944	16.750	19.383	37.715	381.601
Dhauliganga	4.610	16.620	15.045	21.109	22.713	18.440	8.119	3.773	2.838	2.513	2.393	3.652	121.824
Total	194.786	294.704	250.474	282.559	308.544	241.752	127.523	83.645	91.666	63.180	68.736	196.045	2203.615
TEHR	41.697	116.787	106.016	70.836	48.282	94.829	47.490	28.679	25.097	21.059	16.940	21.483	639.195
Dulhasti	0.000	0.000	0.000	0.481	0.910	8.151	11.774	9.187	10.451	9.422	7.934	11.383	69.692
NTPC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.344	5.344
Singrauli(NTPC)													
Rihand - I	118.732	109.319	110.438	111.813	111.366	130.556	137.243	112.239	115.778	137.819	122.472	122.575	1440.348
Rihand - II	36.797	55.196	75.494	86.384	85.358	50.577	80.360	74.102	69.929	76.401	67.802	68.124	826.525
Anta (G)	55.234	80.373	74.254	79.133	81.656	75.598	76.997	60.320	69.354	72.062	63.996	71.575	860.553
Anta (L)	23.145	29.579	30.433	28.350	17.117	21.897	32.783	27.259	27.336	23.780	22.819	29.534	314.033
Auraiya (G)	1.950	0.212	0.016	0.000	4.712	4.681	1.694	3.003	3.546	6.369	2.060	0.197	28.440
Auraiya (L)	40.899	38.477	49.811	52.641	24.159	31.214	50.186	39.942	42.603	42.219	40.334	46.077	498.561
Dadri (GT)	4.195	0.064	0.662	1.854	14.355	9.925	3.372	4.207	5.351	11.393	3.295	0.480	59.152
Dadri (L)	22.954	70.702	58.853	84.038	36.488	52.299	80.483	72.894	52.244	55.838	66.636	82.700	736.130
Unchahar-I	20.726	0.299	0.002	0.000	26.665	14.077	4.620	6.554	4.652	20.098	3.708	0.000	101.401
Unchahar-II	24.528	24.826	24.610	25.426	24.980	23.660	25.415	24.109	24.892	22.786	21.900	22.901	290.033
Unchahar-III	39.379	43.341	41.986	22.066	45.047	39.392	29.479	39.365	41.317	41.698	35.373	37.488	455.932
Farakha (ER)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.643	6.253	11.438	7.871	10.643	36.848
Kahal gaon (ER)	0.000	0.000	0.000	0.000	0.361	0.930	1.372	1.809	2.265	2.259	2.011	1.983	12.992
Total	388.539	452.387	466.558	491.706	479.048	468.997	548.672	501.288	502.444	561.053	492.780	526.861	5880.333
NPC													
NAPP													
RAPS-3	12.043	7.795	13.115	9.490	13.703	13.616	14.049	12.504	13.054	0.285	-0.469	-0.510	108.675
RAPS-4	17.690	23.741	22.848	23.380	14.200	6.441	22.438	18.213	19.110	19.335	17.284	22.785	227.464
Total	22.243	18.645	23.481	22.502	24.486	21.071	23.903	15.282	22.925	20.720	20.398	19.775	255.431
Total	51.976	50.182	59.444	55.372	52.389	41.127	60.390	45.999	55.089	40.339	37.212	42.050	591.570

Unscheduled Interchange	62.769	39.090	40.974	89.672	70.768	65.391	-8.716	23.742	29.324	35.561	46.725	26.893	522.196
Net Import	1007.681	1698.125	1964.021	2155.262	2058.136	1761.684	1341.668	874.819	931.568	1033.008	793.992	952.921	16572.883
D) OWN GENERATION:													
1) Hydro													
SHANAN	39.928	60.635	59.209	71.587	77.905	57.154	30.273	19.293	18.314	14.133	13.339	33.896	
UBDC	1.760	25.334	53.168	57.038	57.468	42.385	24.987	21.884	31.944	37.921	10.308	20.409	495.666
MHP	47.638	125.292	102.403	128.037	53.499	38.652	147.569	135.881	126.188	82.601	95.238	87.738	384.607
ASHP	37.847	88.721	90.115	90.591	93.183	76.203	26.726	36.038	44.944	43.565	17.143	21.013	1170.736
RSPP	8.038	82.417	195.533	232.276	333.239	220.108	84.915	99.359	149.970	153.738	29.671	90.212	666.089
Micro	0.507	0.919	0.738	1.030	1.163	0.681	0.712	0.216	0.504	0.813	0.309	0.367	1679.476
Total	135.718	383.318	501.166	580.559	616.457	435.183	315.182	312.671	371.865	332.771	166.008	253.634	4404.533
2) THERMAL :													
GNDTP BTI	177.011	176.860	192.747	192.381	193.752	208.560	191.546	193.373	219.354	136.165	171.946	167.432	2221.127
GGSTP RPR	751.450	684.460	882.150	848.280	896.340	843.300	863.960	723.140	865.010	931.690	737.970	742.590	9770.340
GHTP L.M	257.798	243.064	269.981	316.282	308.689	281.556	315.559	307.392	237.179	315.899	277.830	311.943	3443.172
Total	1186.259	1104.384	1344.878	1356.943	1398.781	1333.416	1371.065	1223.905	1321.543	1383.754	1187.746	1221.965	15434.639
Total (H+T)	1321.977	1487.702	1846.044	1937.502	2015.238	1768.599	1686.247	1536.576	1693.408	1716.525	1353.754	1475.599	19839.172
Gross Cons.	2329.658	3185.827	3810.065	4092.764	4073.374	3530.283	3027.915	2411.395	2624.976	2749.533	2147.746	2428.520	36412.055
Total Aux. + T/F Losses	106.480	107.968	125.576	130.364	129.872	125.841	126.155	113.219	118.217	122.336	109.066	112.830	1427.924
Net Consumption	2223.178	3077.859	3684.489	3962.400	3943.503	3404.442	2901.760	2298.176	2506.759	2627.197	2038.680	2315.690	34984.131
Purchase	869.435	1306.401	1543.616	1793.418	1669.822	1594.728	1164.760	819.554	886.394	1041.237	814.169	894.620	14398.154
Net Cons 2005-06	2229.488	2720.027	3444.936	3683.413	3712.998	3033.433	2732.371	2144.888	2353.728	2248.252	2150.908	2203.471	32657.912
% increase of NC over last	-0.283	13.155	6.954	7.574	6.208	12.231	6.199	7.147	6.502	16.855	-5.218	5.093	7.123
CS	677.00	914.06	882.49	900.95	889.17	854.86	795.85	668.80	684.75	695.05	623.60	894.62	9389.75

Actual Energy Availability/ Requirement of Punjab for FY2007-08 (All figures in MU)

SHEET 1 of 2								
COMMON POOL STNS.	April	May	June	July	Aug	Sept	Oct.	Total
	Final REA							
Bhakra	216.836	220.482	219.115	269.326	274.795	268.563	199.871	1668.988
Dehar	105.510	143.674	189.437	208.885	204.292	157.981	70.151	1079.930
Pong	18.821	52.912	46.098	43.182	43.576	53.978	55.840	314.408
Total	341.168	417.068	454.650	521.393	522.663	480.522	325.862	3063.326
NHPC								
B.Suil	52.932	38.846	26.500	30.319	27.740	15.301	9.420	201.057
Salal	104.209	114.518	112.423	120.746	124.188	93.092	35.861	705.037
T.Pur	4.255	5.605	8.634	8.909	9.626	8.034	11.346	56.408
Chamera-I	29.454	29.451	32.651	33.277	29.234	13.873	5.898	173.837
Uri	46.458	47.098	43.709	46.770	34.813	23.852	12.659	255.360
Chamera-II	17.485	22.262	26.766	28.686	29.214	16.476	7.495	148.385
Dhauliganga	7.082	11.068	19.865	24.192	24.851	18.507	15.101	120.666
Dulhasti	25.897	29.949	39.290	39.476	39.279	39.650	18.254	231.794
Total	287.771	298.798	309.838	332.375	318.944	228.786	116.034	1892.545
NIPC	47.661	87.764	115.916	129.148	89.105	97.479	44.775	611.848
Tehri	6.845	8.933	19.801	33.948	37.253	22.152	16.727	145.660
NTPC								
Singrauli(NTPC)	98.816	144.019	159.053	127.965	150.961	175.052	172.537	1028.402
Rihand - I	73.052	75.864	91.302	97.050	97.335	86.837	61.738	583.177
Rihand - II	70.400	78.486	89.620	93.576	49.700	60.552	88.932	531.264
Anta (G)	26.616	23.408	25.201	30.157	29.167	25.077	22.601	182.228
Anta (R)	2.981	4.192	6.776	4.757	7.576	0.851	0.000	27.133
Anta (L)	0.000	0.000	0.009	0.000	0.000	0.858	1.253	2.120
Auraiya (G)	36.525	34.624	30.651	33.748	42.284	37.589	42.743	258.164
Auraiya (R)	7.225	9.189	9.233	6.012	8.583	4.766	0.000	45.008
Auraiya (L)	0.000	0.013	1.353	0.185	1.139	0.494	6.506	9.689
Dadri (G)	68.614	57.632	59.209	57.348	48.841	56.641	57.191	405.475
Dadri (R)	10.832	13.496	18.249	8.746	1.900	0.914	0.000	54.136
Dadri (L)	0.000	0.000	0.000	0.000	0.687	1.317	12.768	14.772
Unchahar-I	22.744	25.080	12.836	22.201	26.958	25.060	26.162	161.040
Unchahar-II	39.127	28.097	45.302	48.015	49.851	48.675	49.570	308.636
Unchahar-III	10.888	13.346	13.580	16.367	14.998	15.688	15.599	100.466
Farakha (ER)	1.906	2.245	6.073	10.110	29.544	23.195	28.577	101.649
Kahal gaon (ER)	33.653	36.159	41.491	43.166	46.783	57.924	52.003	311.179
Kahal gaon-II (ER)	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.016
Total	503.378	545.866	609.937	599.402	606.307	621.489	638.179	4124.557
NPC								
NAPP	-0.624	-0.155	13.509	13.987	12.810	7.121	8.060	54.708
RAPS-3	15.475	13.749	20.853	19.782	21.172	18.188	20.197	129.416
RAPS-4	0.000	14.658	23.181	24.517	24.663	16.012	15.510	118.542
Total	14.851	28.252	57.543	58.286	58.645	41.321	43.767	302.666
Open Access Transactions (Import)								
PTC(At delivery point)	70.147	116.611	185.048	203.787	279.625	158.142	75.914	1089.274
Tala Through PTC	5.203	5.991	8.085	13.181	17.648	17.142	12.587	79.837
NVVNL(At delivery point)	0.000	1.200	7.302	11.399	25.011	55.134	35.562	135.607
Other traders	65.678	144.612	246.571	158.209	248.121	70.474	74.226	1007.891
Total Trading	141.028	268.414	447.005	386.576	570.405	300.893	198.288	2312.609
C) Banking From (+)								
HPSEB	0.000	0.000	46.080	51.270	61.309	21.619	0.000	180.278
Rajasthan	0.000	0.000	15.613	10.325	43.550	19.600	0.000	89.088
UPCL	0.000	23.200	21.154	43.780	49.535	8.200	0.000	145.869
J&K	69.469	42.074	52.760	93.126	57.809	5.335	0.000	320.573
Total	69.469	65.274	135.606	198.501	212.203	54.754	0.000	735.807
Banking Through Traders(+)								
NVVNL (TNEB, MPPTC)	0.000	0.000	0.000	136.049	206.326	152.245	21.857	516.477

LANCO	0.000	0.000	3.068	157.307	262.367	147.557	22.459	592.757
Tata	0.000	0.000	0.000	1.485	2.643	0.000	0.000	4.128
Total	0.000	0.000	3.068	294.841	471.336	299.802	44.316	1113.362
Total Import (Gross)	1412.171	1720.368	2153.365	2554.470	2886.860	2147.198	1427.949	14302.380
SHEET 2 of 2								
Open Access Transactions (Export at PSEB Periphery)								
(Royalty)	-6.648	-6.170	-5.648	-5.670	-6.665	-5.828	-5.828	-42.456
(RSD Share)	-2.971	-7.990	-12.920	-12.994	-8.777	-4.509	-3.088	-53.249
Total	-9.619	-14.159	-18.568	-18.664	-15.442	-10.337	-8.916	-95.705
C) Banking To(-)								0.000
HPSEB	0.000	0.000	0.000	0.000	0.000	0.000	-15.560	-15.560
Rajasthan	-0.200	0.000	0.000	0.000	0.000	0.000	0.000	-0.200
UPCL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J&K	0.000	0.000	0.000	0.000	0.000	0.000	-47.261	-47.261
Total	-0.200	0.000	0.000	0.000	0.000	0.000	-62.821	-63.021
Banking Through Traders(-)								0.000
TNEB (NVVNL)	-106.875	-38.423	0.000	0.000	0.000	0.000	0.000	-145.298
LANCO	-66.373	-99.274	0.000	0.000	0.000	0.000	-5.650	-171.297
Tata	-2.090	-1.770	0.000	0.000	0.000	0.000	0.000	-3.860
Total	-175.338	-139.467	0.000	0.000	0.000	0.000	-5.650	-320.455
Sale	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Export	-185.157	-153.627	-18.568	-18.664	-15.442	-10.337	-77.388	-479.181
Net Entitlement as per UI A/C	1174.462	1499.045	2032.438	2413.766	2695.672	2010.395	1274.895	13100.673
Total Trans. Losses (Actual)	52.552	67.697	102.359	122.041	175.746	126.466	75.666	722.526
%age Trans. Losses (Actual)	3.721	3.935	4.753	4.778	6.088	5.890	5.299	5.052
Others								
PEDA, Sugar Mills	19.372	17.334	16.335	17.661	18.063	17.177	13.678	119.619
Jalkheri	3.186	2.975	2.534	2.269	1.707	0.138	-0.021	12.787
Sub Total Co-generation	22.557	20.309	18.869	19.9307	19.770	17.314	13.656	132.407
Short Term Purchase within Punjab	2.279	4.039	3.400	5.9600	5.308	4.197	5.206	30.388
Unscheduled Interchange	15.321	127.785	138.655	322.573	202.621	292.695	212.466	1312.116
Net Import	1214.619	1651.178	2193.362	2762.230	2923.371	2324.601	1506.224	14575.584
D) OWN GENERATION:								
1) Hydro								
SHANAN	74.373	74.874	73.547	76.599	74.663	43.444	25.738	443.238
UBDC	21.735	39.941	49.744	52.406	57.843	32.070	28.086	281.824
MHP	62.305	146.878	142.896	139.260	117.102	143.796	149.490	901.728
ASHP	60.637	78.886	82.427	93.947	84.952	80.973	36.296	518.118
RSPP	65.243	175.252	283.539	285.884	193.131	103.354	71.796	1178.200
Micro	0.462	0.670	0.904	0.981	0.893	0.861	0.672	5.443
Total	284.755	516.501	633.058	649.077	528.584	404.498	312.078	3328.551
2) THERMAL :								
GNDTP BTI	219.461	231.624	266.585	257.339	272.435	258.616	279.400	1785.460
GGSSTP RPR	731.110	789.610	863.904	913.360	789.680	753.520	704.270	5545.454
GHTP L.M	296.609	313.292	292.464	297.328	311.592	301.753	314.227	2127.265
Total	1247.180	1334.526	1422.953	1468.027	1373.707	1313.889	1297.897	9458.179
Total (H+T)	1531.935	1851.027	2056.011	2117.104	1902.291	1718.387	1609.975	12786.730
Gross Cons.	2746.554	3502.205	4249.373	4879.333	4825.662	4042.988	3116.199	27362.314
Total Aux. + T/F Losses	116.689	125.170	137.101	145.233	137.982	129.702	123.741	915.618
Net Consumption	2629.866	3377.035	4112.272	4734.100	4687.680	3913.286	2992.458	26446.696
Purchase	1111.160	1455.433	1859.638	2381.541	2591.896	1980.882	1333.415	12713.965
Net Consp 2006-07	2223.178	3077.859	3684.489	3962.400	3943.500	3404.440	2901.780	23197.646
% increase of NC over last yr.	18.293	9.720	11.610	19.476	18.871	14.947	3.125	14.006

Transit Loss information

Format- 49

Name of Plant: GNDTP, Bathinda.

Month	2006-07	2007-08
-----	-----	-----
April	3.00	3.24
May	2.95	-0.36
June	1.95	0.10
July	1.52	1.16
August	0.75	1.17
September	0.99	N.A.
October	3.65	1.19
November	0.06	2007-08 (4/07 to 8/07)
December	2.20	
January	3.78	
February	4.98	
March	5.20	
Average 2004-05	2.76	

Director/F&E,
GNDTP, Bathinda.

Format-49

Transit Loss information (%)

2006-07		2007-2008
Year Month	Total Shortage during the month	Total Shortage during the month
April	1.60%	1.85%
May	0.17%	1.68%
June	0.88%	1.02%
July	0.88%	1.36%
Aug	2.04%	0.67%
Sept	3.06%	1.63%
Oct	3.05%	
Nov	2.73%	
Dec	3.23%	
Jan	2.58%	
Feb	2.40%	
Mar	2.10%	
Avrage for FY- 2006-07		Avg. 1.36% 2007-2008

Adll. SE/ Montg.
GGSSTP, Roop nagar.

Transit Loss Information (%)

FORMAT 49

Name of the Plant: GHTP, Lehra Mohabat				
<u>Month</u>	<u>2006-07</u>		<u>Month</u>	<u>2007-08</u>
Apr-06	0.67		Apr-07	1.73
May-06	1.21		May-07	2.50
Jun-06	0.99		Jun-07	2.08
Jul-06	2.19		Jul-07	1.90
Aug-06	1.93		Aug-07	1.59
Sep-06	3.68		Sep-07	0.83
Oct-06	1.93			
Nov-06	0.75		Average for FY 2007-08	
Dec-06	0.76			<u>1.71</u>
Jan-07	0.90			
Feb-07	2.32			
Mar-07	2.00			
Average for FY 2006-07	<u>1.60</u>			

Director/FE&T,
for Chief Engineer/O&M,
GHTP, Lehra Mohabat.

GNDTP Bathinda
BACK DOWN 2004-05

MONTH	FULL BACKDOWN		PARTIAL BACKDOW		TOTAL	
	HRS	MU	HRS	MU	HRS	MU
APRIL	9.83	1.08	0.00	0.00	9.83	1.08
MAY	187.50	20.63	15.67	0.31	203.17	20.94
JUNE	10.33	1.14	17.17	0.34	27.50	1.48
JULY	0.00	0.00	0.00	0.00	0.00	0.00
AUG	16.17	1.78	0.00	0.00	16.17	1.78
SEP	0.00	0.00	2.17	0.04	2.17	0.04
OCT	39.92	4.39	77.80	1.68	117.72	6.07
NOV	39.17	4.31	21.16	0.42	60.33	4.73
DEC	0.00	0.00	1.67	0.03	1.67	0.03
JAN	0.00	0.00	0.00	0.00	0.00	0.00
FEB	33.67	3.70	56.33	0.64	90.00	4.34
MAR	551.19	60.53	139.98	2.76	691.17	63.29
TOTAL	887.78	97.56	331.95	6.22	1219.73	103.78

GNDTP Bathinda
BACK DOWN 2005-06

MONTH	FULL BACKDOWN		PARTIAL BACKDOWN		TOTAL	
	HRS	MU	HRS	MU	HRS	MU
APRIL	120.17	13.22	108.00	2.17	228.17	15.39
MAY	0.00	0.00	130.45	2.61	130.45	2.61
JUNE	15.20	1.67	23.45	0.47	38.65	2.14
JULY	18.92	2.08	11.65	0.23	30.67	2.31
AUG	0.00	0.00	29.08	0.58	29.08	0.58
SEP	117.33	12.91	93.72	1.87	211.05	14.78
OCT	0.00	0.00	28.30	0.57	28.30	0.57
NOV	101.30	10.15	121.68	2.71	222.98	12.86
DEC	0.00	0.00	5.75	0.12	5.75	0.12
JAN	0.00	0.00	38.58	0.77	38.58	0.77
FEB	0.00	0.00	0.00	0.00	0.00	0.00
MAR	38.66	3.91	37.58	0.83	76.24	4.74
TOTAL	411.58	43.94	628.24	12.93	1039.92	56.87

GNDTP Bathinda
BACK DOWN 2006-07

MONTH	FULL BACKDOWN		PARTIAL BACKDOWN		TOTAL	
	HRS	MU	HRS	MU	HRS	MU
APRIL	0.00	0.00	2.58	0.07	2.58	0.07
MAY	148.25	16.31	176.52	3.49	324.77	19.80
JUNE	38.87	3.89	50.18	1.00	89.05	4.89
JULY	0.00	0.00	9.25	0.14	9.25	0.14
AUG	0.00	0.00	5.50	0.11	5.50	0.11
SEP	0.00	0.00	45.25	0.91	45.25	0.91
OCT	0.00	0.00	94.50	4.72	94.50	4.72
NOV	0.00	0.00	3.75	0.08	3.75	0.08
DEC	0.00	0.00	9.56	0.21	9.56	0.21
JAN	0.00	0.00	0.00	0.00	0.00	0.00
FEB	29.53	2.96	29.93	0.54	59.47	3.50
MAR	52.67	5.51	0.00	0.00	52.67	5.51
TOTAL	269.32	28.67	427.02	11.27	696.35	39.94

GNDTP Bathinda
BACK DOWN 2007-08

MONTH	FULL BACKDOWN		PARTIAL BACKDOWN		TOTAL	
	HRS	MU	HRS	MU	HRS	MU
APRIL	0.00	0.00	24.55	0.46	24.55	0.46
MAY	33.17	3.65	13.67	0.27	46.83	3.92
JUNE	61.92	6.81	35.43	0.71	97.35	7.52
JULY	66.42	7.30	8.90	0.18	75.32	7.48
AUG	0.00	0.00	5.33	0.11	5.33	0.11
SEP	42.33	4.66	24.92	0.50	67.25	5.16
OCT						
NOV						
DEC						
JAN						
FEB						
MAR						
TOTAL	203.84	22.42	112.80	2.23	316.63	24.65

BACKING DOWN AND NO DEMAND DATA FOR GGSSTP

FORMAT 62

2006-07	Full Back Down		No Demand		Total Back Down	
	Hrs.	MUs	Hrs.	MUs	Hrs.	MUs
April	23.09	0.96	-	-	23.09	0.96
May	809.74	30.71	255.99	55.18	1065.73	85.89
June	397.93	14.67	-	-	397.93	14.67
July	115.54	4.44	-	-	115.54	4.44
August	38.00	1.11	-	-	38.00	1.11
Sept.	190.89	7.41	98.92	20.77	289.81	28.18
Oct.	313.54	11.56	44.57	9.36	358.11	20.92
Nov.	67.49	2.47	37.65	7.91	105.14	10.38
Dec.	37.24	1.42	-	-	37.24	1.42
Jan.	-	-	-	-	-	-
Feb.	365.33	12.82	84.13	17.66	449.46	30.48
March	437.64	16.98	-	-	437.64	16.98
Total	2796.43	104.55	521.26	110.88	3317.69	215.43
2007-08						
April	105.43	3.95	75.71	15.90	181.14	19.85
May	106.84	3.59	27.65	5.81	134.49	9.40
June	343.17	14.15	20.25	4.25	363.42	18.40
July	253.08	9.63	-	-	253.08	9.63
August	124.40	6.17	55.70	11.71	180.10	17.88
September	191.63	8.07	24.75	5.20	216.38	13.27
October						
November						
December						
January						
February						
March						
Total	1124.55	45.56	204.06	42.87	1328.61	88.43

Sr.XEN/Montg.I,
GGSSGTP, Roopnagar.

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FORMAT 62

Backing Down Schedule and No Demand data for GHTP, Lehra Mohabbat

YEAR 2006-07						
Month	Full Backdown		No Demand		Total Backdown	
	Hrs.	MUS	Hrs.	MUS	Hrs.	MUS
Apr-06	0.00	0.00	3.90	0.16	3.90	0.16
May-06	127.00	26.67	230.59	9.22	357.59	35.89
Jun-06	0.00	0.00	88.04	3.52	88.04	3.52
Jul-06	0.00	0.00	18.00	0.72	18.00	0.72
Aug-06	0.00	0.00	6.45	0.26	6.45	0.26
Sep-06	30.25	6.35	41.28	1.65	71.53	8.00
Oct-06	0.00	0.00	64.03	2.56	64.03	2.56
Nov-06	0.00	0.00	7.35	0.29	7.35	0.29
Dec-06	0.00	0.00	9.54	0.38	9.54	0.38
Jan-07	0.00	0.00	0.00	0.00	0.00	0.00
Feb-07	16.08	3.38	83.21	3.33	99.29	6.71
Mar-07	0.00	0.00	124.40	4.98	124.40	4.98
Total	173.33	36.40	676.79	27.07	850.12	63.47

YEAR 2007-08						
Month	Full Backdown		No Demand		Total Backdown	
	Hrs.	MUS	Hrs.	MUS	Hrs.	MUS
Apr-07	43.33	9.10	27.95	1.118	71.28	10.218
May-07	10.58	2.22	28.44	1.138	39.02	3.360
Jun-07	0.00	0.00	67.28	2.691	67.28	2.691
Jul-07	0.00	0.00	37.28	1.491	37.28	1.491
Aug-07	0.00	0.00	18.90	0.756	18.90	0.756
Sep-07	0.00	0.00	37.55	1.502	37.55	1.502
Total	53.92	11.32	217.40	8.70	271.32	20.02

Director/FE&T,
for Chief Engineer/O&M,
GHTP, Lehra Mohabbat.

HEAT RATE OF TURBINES AFTER AGEING EFFECT (FOR 2007-08) Base Date 31.8.2007

Sr. No.	Description	Unit-1	Unit-2	Unit-3	Unit-4	Unit-5	Unit-6
1.	Date of commissioning of units.	26.9.84	29.3.85	31.3.88	29.1.89	29.3.92	30.3.93
2.	Date of commercial run	1.1.85	1.10.85	25.9.88	1.8.89	29.9.92	14.12.93
3.	Months after commissioning as on 31.8.2007	275	269	233	223	185	173
4.	Ageing tolerance during first 8 months after 4 months of running	0.1x8=0.8%	0.1x8=0.8%	0.1x8=0.8%	0.1x8=0.8%	0.1x8=0.8%	0.1x8=0.8%
5.	Ageing tolerance for the remaining months: 6%	263month 263x0.06 = 15.78%	257month 257x0.06 =15.42%	221month 221x0.06 =13.26%	211month 211x0.06 =12.66%	173month 173x0.06 =10.38%	161month 161x0.06 =9.66%
6.	Total ageing tolerance of Turbines (3)+(4)	16.58%	16.22%	14.06%	13.46%	11.18%	10.46%
7.	The guaranteed specific heat rate of turbines as per manufacturer	1985 Kcal/Kwh	1985 Kcal/Kwh	1985 Kcal/Kwh	1985 Kcal/Kwh	1985 Kcal/Kwh	1985 Kcal/Kwh
8.	Calculated heat rate of turbines after ageing tolerance $\frac{1985 \times (100 + \text{Sr.No.6})}{100}$	2314.11 Kcal/Kwh	2306.97 Kcal/Kwh	2264.09 Kcal/Kwh	2252.18 Kcal/Kwh	2206.92 Kcal/Kwh	2192.63 Kcal/Kwh
9.	Designed Boiler efficiency	87.16%	87.16%	87.16%	87.16%	87.16%	87.16%
10.	Unit heat rate after taking into account ageing of turbine Sr.No.8 0.8716	2655.01 Kcal/Kwh	2646.82 Kcal/Kwh	2597.63 Kcal/Kwh	2583.96 Kcal/Kwh	2532.03 Kcal/Kwh	2515.64 Kcal/Kwh
11.	Average heat rate	2588.52 Kcal/Kwh					

Format 37(B)-I
(MUs)

GNDTP Monthly Gross State Generation – 2006-07

Source FY,06-07	Apr,06	May,06	June,06	July,06	Aug,06	Sept,06	Oct,06	Nov,06	Dec,06	Jan,07	Feb,07	March,07	Total
GNDTP, Bathinda. 2189.17+31.95*	177.01	176.86	192.75	192.38	193.75	208.56	191.55	193.37	219.35	136.17	152.76+	154.66+	
1940.10+25.93*	156.90	156.33	170.93	170.05	171.47	184.67	169.45	171.72	195.60	120.01	135.86+	137.11+	= 2221.12
											19.18*	12.77*	
											=171.94	= 167.43	
													= 1966.03
											15.37*	10.56*	
											=151.23	=147.67	

*Generation of unit-I during commissioning post R&M in Feb,07 & March,07.

Director/F&E,
GNDTP, Bathinda.

Format 37(C)-I

GNDTP Monthly Gross State Generation – 2007-08

(MUs)

Source FY,08	Apr,07	May,07	June,07	July,07	Aug,07	Sept,07	Oct,07	Nov,07	Dec,07	Jan,08	Feb,08	March,08	Total
	-----Actual-----						-----Projected-----						
GNDTP, Bathinda.													
Gross Gen	175.69+	231.62	266.59	257.34	272.54	258.62	250	238	207	192	230	202	1506.17+1319 = 2825.17
	43.77*												
	=219.46												
Net Gen	156.20+	205.16	235.42	226.34	240.48	228.76	222.50	211.82	184.23	170.88	204.70	179.78	
1329.85+1173.91													
	37.49*												
	= 193.69												=2503.76

*Generation of unit-I during commissioning in April,07, post R&M.
From October,07 to March,08 Targeted generation.

Director/F&E,
GNDTP, Bathinda.

Monthly net State Generation and Power Purchase billing data of GGSSTP, Roopnagar.

FORMAT-37 (B)-1

Monthly net State Generation and Power Purchase billing data of GGSSTP, Roopnagar.														
FORMAT-37 (B)-I														
Sr. No.	Source	April 06	May 06	June 06	July 06	Aug.06	Sept.06	Oct.06	Nov.06	Dec.06	Jan.07	Feb.07	March 07	Total FY 06-07
STATE GENERATION														
A. Thermal Stations of PSEB: GGSSTP,ROOPNAGAR														
1	Actual Generation	751.45	684.46	882.15	848.28	896.34	843.30	863.96	723.14	865.01	931.69	737.97	742.59	9770.34
2.	Auxiliary Consumption	61.47	59.06	73.36	72.49	74.53	72.14	72.27	60.82	71.63	75.96	61.67	62.94	818.34
3	Net Generation	689.98	625.40	808.79	775.79	821.81	771.16	791.69	662.32	793.38	855.73	676.30	679.65	8952.00
Sr. No	Source	April 07	May 07	June 07	July 07	Aug.07	Sept.07	Oct.07	Nov.07	Dec.07	Jan.08	Feb.08	March 08	Total FY 07-08

Sr. No.	Source	April 07	May 07	June 07	July 07	Aug.07	Sept.07	Oct.07	Nov.07	Dec.07	Jan.08	Feb.08	March 08	Total FY 07-08
FORMAT-37 (C)-1														
STATE GENERATION														
A. Thermal Stations of PSEB:GGSSTP,ROOPNAGAR														
1	Actual Generation	731.11	789.61	863.90	913.36	789.68	753.52	675	800	800	810	690	740	9356.18
2.	Auxiliary Consumption	61.57	65.39	72.79	79.25	70.80	65.51	60.75	72.00	72.00	72.90	62.10	66.60	821.66
3	Net Generation	669.54	724.22	791.11	834.11	718.88	688.01	614.25	728.00	728.00	737.10	627.90	673.40	8534.52

PUNJAB STATE ELECTRICITY BOARD
GHTP, LEHRA MOHABAT
FORMAT - 37-(B)-1

ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2008-09
MONTHLY GROSS STATE GENERATION AND POWER PURCHASE BILLING DATA (2006-07)

Sr. No.	Source	(MUs)												
		Apr-06 (Actuals)	May-06 (Actuals)	Jun-06 (Actuals)	Jul-06 (Actuals)	Aug-06 (Actuals)	Sep-06 (Actuals)	Oct-06 (Actuals)	Nov-06 (Actuals)	Dec-06 (Actuals)	Jan-07 (Actuals)	Feb-07 (Actuals)	Mar-07 (Actuals)	Total
	STATE GENERATION													
	Thermal Stations													
1	GHTP,													
	Lehra Mohabat	257.798	243.064	269.981	316.282	308.689	281.556	315.559	307.392	237.179	315.899	277.830	311.943	3443.172

ANNUAL REVENUE REQUIREMENT

FORMAT - 37-(C)-1

FORMAT - 37-(C)-1
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2008-09
MONTHLY GROSS STATE GENERATION AND POWER PURCHASE BILLING DATA (2007-08)

Sr. No.	Source	(MUs)												
		Apr-07 (Actuals)	May-07 (Actuals)	Jun-07 (Actuals)	Jul-07 (Actuals)	Aug-07 (Actuals)	Sep-07 (Actuals)	Oct-07 (Projected)	Nov-07 (Projected)	Dec-07 (Projected)	Jan-08 (Projected)	Feb-08 (Projected)	Mar-08 (Projected)	Total
STATE GENERATION														
	Thermal Stations													
1	GHTP,													
	Lehra Mohabat	296.609	313.292	292.464	297.328	311.592	301.753	290.00	220.00	145.00	195.00	270.00	290.00	3223.04

Director/FE&T,
for Chief Engineer/O&M,
GHTP, Lehra Mohabat.

MONTHLY NET STATE GEN. DATA.

37A

S. No.	Name of Project	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	Total
1.	Shanan	46.62	65.11	62.86	60.54	80.38	46.22	33.13	26.25	18.92	17.55	19.71	35.01	512.30
2.	UBDC	5.06	22.24	54.13	56.76	59.29	45.75	21.97	30.84	21.42	18.83	20.95	20.43	377.67
3.	RSPP	14.49	64.84	157.60	189.77	191.55	124.60	53.13	73.00	47.90	46.00	81.61	97.55	1142.04
4.	Anandpur Sahib	32.57	66.58	75.23	85.13	65.88	54.73	41.04	53.12	38.07	17.98	6.33	19.87	556.53
5.	Mukerian	75.80	107.19	89.18	63.25	59.62	83.10	108.65	69.91	58.72	56.69	29.55	5.53	807.19
6.	Micro	0.555	0.516	0.243	0.205	0.514	0.340	0.301	0.153	0.212	0.260	0.045	0.177	3.521

37B

S. No.	Name of Project	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	Total
1.	Shanan	53.82	79.37	65.82	59.36	63.71	66.61	38.74	20.02	13.71	13.71	14.28	17.68	506.83
2.	UBDC	38.65	58.07	58.31	61.56	61.53	42.35	54.67	40.61	43.93	38.73	11.54	17.89	527.84
3.	RSPP	135.84	207.36	217.53	379.94	287.51	151.49	175.90	120.59	124.67	108.41	34.19	62.29	2005.72
4.	ASHP	39.26	51.64	87.51	93.91	93.80	71.00	62.38	48.56	62.83	43.09	63.22	32.88	750.08
5.	MHP	63.54	104.64	142.70	65.20	120.13	91.22	140.56	129.11	122.11	65.68	98.81	86.44	1230.14
6.	Micro	0.168	0.427	0.435	0.305	0.663	0.353	0.580	0.545	0.693	0.558	0.865	0.351	5.943

PROJECT-WISE ACTUAL GENERATION FOR THE YEAR 2006-07 (Fig. in MUs.)

S. No.	Name of Project	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	Total
1.	Shanan	39.928	60.634	59.209	71.587	77.905	57.154	30.273	19.293	18.314	14.133	13.339	33.896	495.666
2.	UBDC	1.760	25.330	53.168	57.038	57.468	42.385	24.927	21.884	31.945	37.922	10.308	20.408	384.602
3.	RSPP	8.040	82.420	195.530	232.27	333.24	220.100	84.920	99.360	149.97	153.174	29.67	90.21	1679.47
4.	ASHP	39.274	88.721	90.115	90.591	93.183	76.480	28.120	36.038	52.032	49.203	18.788	29.476	692.021
5.	MHP	47.637	125.291	102.403	128.037	53.499	38.652	147.569	135.881	126.188	82.601	95.238	87.738	1170.735
6.	Micro	0.507	0.919	0.738	1.029	1.163	0.681	0.712	0.216	0.504	0.813	0.309	0.367	7.957

GRAND TOTAL= 4429.157 MUs

Generation target for the year 2006-07 (In MUS)														
Name of Project	Unit wise installed capacity (MU)	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	Total In MUS
Shanan	110	55	75	75	77	75	45	25	17	13	10	10	23	500
	ST-I =45.00 ST-II 46.00 91.35	30	48	50	50	45	35	25	20	20	20	18	19	380
RSPP	4x150 MW 600 MW	80	120	170	170	170	100	80	60	50	50	50	50	1150
ASHP	4x33.5 MW = 134	40	60	80	80	80	80	40	56	60	36	56	60	728
MHP	3x15+3x15+3x19.5+3x19.5 207 MW	75	105	100	70	70	85	90	90	75	50	50	40	900
Micro	0.8x3+1.5x1 = 3.9 MW	0,725	0.750	0,800	0.925	0.600	0.800	0.700	0.830	0.980	0.860	0.850	1.1	10.00
													80	

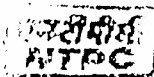
Total= 3668 MUS

ACTUAL GENERATION FROM 4/2007 TO 9/2007 AND ESTIMATED GEN. FROM 10/07 TO 3/08 (FIG. IN MUS)

S. No.	Name of Project	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	Total
1.	Shanan	74.373	74.87	73.547	76.599	74.663	43.444	25	17	13	10	10	23	515.496
2.	UBDC	21.735	39.94	49.744	52.406	57.843	32.07	25	20	20	20	18	19	375.738
3.	RSPP	65.24	175.25	283.54	285.88	193.113	103.35	90	70	70	70	70	70	1546.39
4.	ASHP	61.873	78.89	82.427	93.947	84.952	80.973	50	52	54	50	54	60	803.062
5.	MHP	62.305	146.88	142.896	139.26	117.102	143.796	90	90	75	50	50	40	1147.239
6.	Micro	0.462	0.670	0.904	0.981	0.893	0.861	0.700	0.830	0.980	0.860	0.850	1.180	10.171

Format 47 (A)-1
Year 2007-08(H1) April 07 to Sept.07

Format 47 (A)-1 Year 2007-08(H1) April 07 to Sept.07													
Source of Power	Capacity (MW)	PSEB's Share (%)	PSEB's Share (MW)	Total ESO (MU)	Units Purchased (MU) by PSEB	PSEB Units Share %	Total Cost of Energy Received (Rs Crores)					Variable Cost (Rs/kwh)	Average Cost of purchase (Rs/kwh)
							Fixed	Variable	Incentive	Others ¹	Total		
NTPC					168	13.84	6.34	27.09	0	1.76	35.09	1.40	1.61
Andra	410	11.55	47		264	13.64	8.03	44.10	0	3.6	55.73	1.67	2.11
Assam	66.4	12.52	83		405	16.33	15.93	60.65	0	7.9	84.48	1.50	2.09
Bihar	83.0	15.9	132								0.00		
Chhattisgarh	200.0	16	200		856	12.15	20.77	70.84	1.70	4.81	98.11	0.83	1.15
Rihand I	1000	11	110		521	13.15	22.18	49.65	2.46	8.21	82.50	0.95	1.59
Rihand II	1000	10.2	102		442	12.41	26.49	42.98	1.14	0.01	70.63	0.97	1.60
Uchchar I	420	8.57	36		135	9.19	6.50	17.35	0.28	1.85	25.97	1.29	1.93
Uchchar II	420	14.28	60		259	16.35	14.58	33.34	0.99	0.04	48.95	1.29	2.07
Farakka	210	8.1	17		85	10.15	6.25	10.91	0.42	0	17.58	1.25	1.80
Kahajpur	1690	3.53	48		71	13.94	3.58	8.84	0.04	0.27	13.73	1.30	1.85
NHPC	840	11.05	93		253	18.43	13.48	32.86	0.54	0	47.88		
Sardar	690	26.6	184		669	26.71	0.03	43.18	1.68	2.33	47.23	0.65	0.71
Barauni	180	45.50	84		192	48.49	2.22	16.32	1.97	0.29	20.80	0.85	1.09
Tanapuri	94	17.93	17		45	16.67	1.42	3.81	0.00	0.30	6.53	0.85	1.24
Chamera I	540	10.2	55		168	10.21	6.42	14.30	1.67	1.10	23.49	0.85	1.40
Chamera II	300	10	30		141	12.57	24.46	12.00	3.33	0.8	40.59	0.85	2.88
Un	480	13.75	66		243	11.75	13.64	20.67	2.15	2.84	39.30	0.85	1.62
Dhauliganga	280	10	28		106	12.48	9.60	8.99	1.85	0.47	20.71	0.85	1.96
Duihach	390	11.55	45		214	13.77	41.13	10.19	5.09	0.75	65.15	0.65	3.05
NAPP	440	11.55	51		47	14.57	0	8.86	0	0	0.00		
RAPP-3	220	22.73	50		110	25.12	0	30.00	0	0	30.00	1.90	2.73
RAPP-4	220	22.73	50		103	25.71	0	28.09	0	0	28.09	2.73	2.73
PGCIL Transmission Charges					0			86.22			86.22		
ULDC Charges					0			0.00			0.00		
NRLDC Charges					0			0.00			0.00		
Short Term purchase within Pb					25			8.73			8.73	3.49	3.49
Copeneration etc					119			44.68			44.68	3.76	3.76
Banking					180			42.16			42.16	2.34	2.34
- HP					321			143.66			143.66	4.48	4.48
- JK					146			47.84			47.84	3.28	3.28
- UPCL					89			49.00			49.00	5.51	5.51
Kaasthan					2115			1194.24			1194.24	5.65	5.65
PTC/Traders					1100			335.56			335.56	3.05	3.05
UI								3.82			3.82		
REACTIVE CHARGES													
NJPC	1500	10.13	152		567	11.68	79.99	48.29	7.02	5.6	141.80	0.85	2.50
Tehri	1000	7.7	77		129	7.5	15.00	34.03	0	1.87	50.90	2.64	3.95
Banking thro. Traders					1069		0	718.23	0	0	718.23	6.72	6.72
Open Access Charges(Banking)								19.72			19.72		
Total Other sources													
Grand Total													
Less : External Losses (MU)					11373	337	3380	33	45	3795	2.97	3.34	
Net Total													



NTPC Ltd.
NCR-Headquarters
R&D Building, Sector-24
Noida, UP -201301

Invoice Summary

Send To: Director (System Operations),
220 KV Sub station, Ablowal,
Patiala, Punjab,
-147001.

Copy To:

Beneficiary : Punjab State Electricity Board.

Invoice Date : 05.10.2007

Last Date of : 04.11.2007

Payment

Phone No : 0175-2367872

Fax No : 0175-2365340

S.N.	Station	From Date	To Date	Ref. Doc. No.	Bill Amount(A)	I-Tax/Cess(B)	Total (A+B)
1	ANGPS 1B	01.07.2007	31.07.2007	600022515	98,961.00-	0.00	98,961.00-
2	ANGPS 1B	01.08.2007	31.08.2007	600022516	120,486.00-	0.00	120,486.00-
3	ANGPS 1B	01.09.2007	30.09.2007	600022526	44,129,336.00	12,993,459.00	57,122,795.00
4	AUGPS 1A	01.03.2003	31.03.2003	600022520	18,766,814.00-	1,642,656.00-	20,409,470.00-
5	AUGPS 1B	01.06.2007	30.06.2007	600022518	330,092.00	0.00	330,092.00
6	AUGPS 1B	01.07.2007	31.07.2007	600022517	129,906.00-	0.00	129,906.00-
7	AUGPS 1B	01.08.2007	31.08.2007	600022519	151,933.00-	0.00	151,933.00-
8	AUGPS 1B	01.09.2007	30.09.2007	600022527	75,680,029.00	26,656,045.00	102,336,074.00
9	DGPS 1B	01.07.2007	31.07.2007	600022521	119,258.00-	0.00	119,258.00-
10	DGPS 1B	01.08.2007	31.08.2007	600022522	165,037.00-	0.00	165,037.00-
11	DGPS 1B	01.09.2007	30.09.2007	600022528	97,908,609.00	58,447,037.00	156,355,646.00
12	FGTPS 1B	01.09.2007	30.09.2007	600022529	45,897,754.00	13,601,481.00	59,499,235.00
13	FGTPS 2B	01.09.2007	30.09.2007	600022530	93,427,930.00	80,664.00	93,508,594.00
14	FGTPS 3B	01.09.2007	30.09.2007	600022537	33,310,066.00	0.00	33,310,066.00
15	FSTPS 1B	01.09.2007	30.09.2007	600022531	38,583,450.00	2,190,335.00	40,773,785.00
16	KHTPS 1B	01.05.2007	31.05.2007	600022523	61,470.00-	0.00	61,470.00-
17	KHTPS 1B	01.09.2007	30.09.2007	600022532	100,289,993.00	77,318.00	100,367,311.00
18	RHTPS 1B	01.07.2007	31.07.2007	600022524	4,438.00	0.00	4,438.00
19	RHTPS 1B	01.08.2007	31.08.2007	600022525	5,968.00	0.00	5,968.00
20	RHTPS 1B	01.09.2007	30.09.2007	600022534	124,580,758.00	59,746,248.00	184,327,006.00
21	RHTPS 2B	01.09.2007	30.09.2007	600022538	102,843,443.00	0.00	102,843,443.00
22	SSTPS 1B	01.09.2007	30.09.2007	600022535	192,610,151.00	34,252,257.00	226,862,408.00
Total (Rs.)					929,988,152.00	206,402,188.00	1,136,390,340.00

IN WORDS: One Hundred Thirteen Crore Sixty-Three Lakh Ninety Thousand Three Hundred Forty Only

E. & O.E.

For & on behalf of NTPC Limited

प्रमुख (कार्यालय)

प्रमुख, कार्यालय,



NTPC Ltd.
NCR-Headquarters
R&D Building, Sector-24
Noida, UP -201301

Energy Bill	From : 01.07.2007 To : 31.07.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 160
Ref. Doc. No.	: 600022515	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .	Last Energy Bill Date	: 31.07.2007
Station	: Anta Gas Power Station	Last Energy Bill No.	: 600010163

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Base Energy Charges-Gas	P/KWH	92.540	67,343	0	67,343
2	Base Energy Charges-LNG	P/KWH	423.820	30,714	0	30,714
3	Fuel Price Adj.-Gas	P/KWH	5.110	3,718	0	3,718
4	Fuel Price Adj.-LNG	P/KWH	38.820	2,814	0	2,814
	Total	Rs.		98,961	0	98,961

Rupees: (In Words) **MINUS** Ninety-Eight Thousand Nine Hundred Sixty-One Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	90.3440	Gas	30,156,552
Cum. Wt Av Entitlement (%)	13.4410000000	Liquid Fuel	0
		LNG	4,757,144
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn} \{ (Pm / Km) - (Ps / Ks) \} / (100 - ACn)]$$

Gas	5,1100
Liquid	282.1500
LNG	38.8200-

Base Value			Month Values		
SHRn	2,075.00	kCal/kwh			
	3.00	%			
Gas Fuel					
Ps	3,910.16		Pm	4,522.47	
Ks	9,038.82		Km	9,906.87	
Liquid Fuel					
Ps	19,790.49		Pm	34,699.79	
Ks	11,330.22		Km	11,318.91	
LNG					
Ps	19,556.75		Pm	17,820.13	
Ks	9,870.93		Km	9,901.24	

34913696

(-180019

Energy Bill	From : 01.08.2007 To : 31.08.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 160
Ref. Doc. No.	: 600022516	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board.	Last Energy Bill Date	: 31.08.2007
Station	: Anta Gas Power Station	Last Energy Bill No.	: 600015664

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CF/YR	0	69,059,858	69,059,858	0
2	Base Energy Charges-Gas	P/KWH	92.540	90,891	0	90,891
3	Base Energy Charges-LNG	P/KWH	423.820	28,265	0	28,265
4	Fuel Price Adj.-Gas	P/KWH	5.080	4,990	0	4,990
5	Fuel Price Adj.-LNG	P/KWH	54.890	3,660	0	3,660
6	Income Tax	RS.	0	8,869,805	8,869,805	0
7	Water/ Pollution Cess	RS.	0	53,108	53,108	0
	Total	Rs.		77,862,285	77,982,771	120,486

Rupees: (In Words) MINUS One Lakh Twenty Thousand Four Hundred Eighty-Six Only

REA Data (Regular Energy)

Cumulative Availability (%)	90.5320	Scheduled Drawl (kwh)	
Cum. Wt Av Entitlement (%)	13.7000000000	Gas	29,167,028
		Liquid Fuel	0
		LNG	7,575,514
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

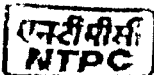
$$= [(10 \times \text{SHRn}) \{ (P_m / K_m) - (P_s / K_s) \} / (100 - \text{ACn})]$$

Gas	5.0800
Liquid	282.1500
LNG	54.8900

Base Value			Month Values		
SHRn	2,075.00	kCal/kwh			
	3.00	%			
Gas Fuel					
Ps	3,910.16		Pm	4,476.90	
Ks	9,038.82		Km	9,810.06	
Liquid Fuel					
Ps	19,790.49		Pm	34,699.79	
Ks	11,330.22		Km	11,318.91	
LNG					
Ps	19,556.75		Pm	16,904.13	
Ks	9,870.93		Km	9,801.40	

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Energy Bill	From : 01.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 In Pet. No. 160
	To : 30.09.2007		
Ref. Doc. No.	: 600022526	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Anta Gas Power Station		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	18,869,306	97,422,903	87,988,250	9,434,653
2	Base Energy Charges-Gas	P/KWH	92.540	23,263,058	0	23,263,058
3	Base Energy Charges-Liq	P/KWH	373.650	3,206,104	0	3,206,104
4	Base Energy Charges-LNG	P/KWH	423.820	3,616,562	0	3,616,562
5	Fuel Price Adj.-Gas	P/KWH	5.090	1,279,544	0	1,279,544
6	Fuel Price Adj.-Liq	P/KWH	424.340	3,641,049	0	3,641,049
7	Fuel Price Adj.-LNG	P/KWH	36.520	311,634	0	311,634
8	Income Tax	RS.	25985614.380	22,033,528	9,040,721	12,992,807
9	Water/ Pollution Cess	RS.	651.940	54,783	54,131	652
	Total	Rs.		154,205,897	97,083,102	57,122,795

Rupees: (In Words) Five Crore Seventy-One Lakh Twenty-Two Thousand Seven Hundred Ninety-Five Only

REA Data (Regular Energy)

Cumulative Availability (%)	90.6620	Gas	Scheduled Drawl (kwh)
Cum. Wt Av Entitlement (%)	13.8650000000	Liquid Fuel	25,138,381
		LNG	858,050
		Cum. Inc Energy (Benef)	853,325
			1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn}) \{ (Pm / Km) - (Ps / Ks) \} / (100 - \text{ACn})]$$

Gas	5.0900
Liquid	424.3400
LNG	36.5200

Base Value		Month Values	
SHRn	2,075.00 kCal/kwh		
	3.00 %		
Gas Fuel			
Ps	3,910.16	Pm	4,488.99
Ks	9,038.82	Km	9,835.73
Liquid Fuel			
Ps	19,790.49	Pm	39,396.53
Ks	11,330.22	Km	10,561.00
LNG			
Ps	19,556.75	Pm	17,923.60
Ks	9,870.93	Km	9,899.77



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Energy Bill	From : 01.03.2003 To : 31.03.2003	Tariff Reference	: CERC ord dt 19.11.2004(Pet.46/2001);ATE
Ref. Doc. No.	: 600022520	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board.	Last Energy Bill Date	: 30.06.2007
Station	: Auraiya Gas Power Station	Last Energy Bill No.	: 600006671

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	37,533,628	504,892,218	523,659,032	18,766,814
2	Income Tax	RS.	4708422.100	63,336,421	65,690,632	2,354,211
3	Interest on IT refund	RS.	711,555.330	9,215,873	9,927,428	711,555
	Total	Rs.		559,012,767	579,422,237	20,409,470

Rupees: (In Words) MINUS Two Crore Four Lakh Nine Thousand Four Hundred Seventy Only

REA Data (Regular Energy)

Cumulative Availability (%)		Scheduled Drawl (kwh)	
	86.6900	Gas	44,843,825
Cum. Wt Av Entitlement (%)	16.0990000000	Liquid Fuel	269,750
		LNG	0
		Cum. Inc Energy (Benef)	1

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Energy Bill	From : 01.06.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet.
	To : 30.06.2007		No. 164
Ref. Doc. No.	: 600022518	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .	Last Energy Bill Date	: 30.06.2007
Station	: Auraiya Gas Power Station	Last Energy Bill No.	: 600007127

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Fuel Price Adj.-Liq	P/KWH	394.210	324,140	0	324,140
2	MOPA-Liq	P/KWH	14.350	5,952	0	5,952
	Total	Rs.		330,092	0	330,092

Rupees: (In Words) Three Lakh Thirty Thousand Ninety-Two Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	84.2760	Gas	30,650,747
Cum. Wt Av Entitlement (%)	13.4290000000	Liquid Fuel	1,352,837
		LNG	9,232,728
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn}) \{ (Pm / Km) - (Ps / Ks) \} / (100 - ACn)]$$

Gas	9.7900
Liquid	394.2100
LNG	35.3400-

Base Value			Month Values		
SHRn	2,100.00	kCal/kwh			
ACn	3.00	%			
Gas Fuel					
Ps	3,974.10		Pm	4,374.31	
Ks	9,115.05		Km	9,089.82	
Liquid Fuel					
Ps	19,470.34		Pm	40,246.24	
Ks	11,311.23		Km	11,361.90	
LNG					
Ps	18,395.62		Pm	16,946.91	
Ks	9,078.16		Km	9,095.90	

Monthly Operating Pattern Adjustment (MOPA)

$$= (BEC+FPA) \times \{ [\{ \text{SHRno} / (100-ACno) \} / \{ \text{SHRnc} / (100-ACnc) \}] - 1 \} \times (\text{POCM} / 100)$$

Gas	1.9500
Liquid	14.3500
LNG	7.5500

Base Value			Month Value		
SHRno	3,045.00	kCal/kwh	POCM-Gas	4.45	%
SHRnc	2,100.00	kCal/kwh	POCM-Liq	4.45	%
Acno	1.00	%	POCM-LNG	4.45	%
Acnc	3.00	%			

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Energy Bill	From : 01.07.2007 To : 31.07.2007	Tariff Reference	: CERC order dtd. 9.5.2006 In Pet. No. 164
Ref. Doc. No.	: 600022517	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .	Last Energy Bill Date	: 31.07.2007
Station	: Auraiya Gas Power Station	Last Energy Bill No.	: 600010165

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Base Energy Charges-Gas	P/KWH	94.390	91,700	0	91,700
2	Base Energy Charges-LNG	P/KWH	438.700	33,639	0	33,639
3	Fuel Price Adj.-Gas	P/KWH	9.080	8,822	0	8,822
4	Fuel Price Adj.-LNG	P/KWH	55.500	4,255	0	4,255
	Total	Rs.		129,906	0	129,906

Rupees: (In Words) MINUS One Lakh Twenty-Nine Thousand Nine Hundred Six Only

REA Data (Regular Energy)

		Scheduled Drawl (kw/h)	
Cumulative Availability (%)	80.5040	Gas	33,748,473
Cum. Wt Av Entitlement (%)	13.7290000000	Liquid Fuel	184,800
		LNG	6,012,459
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn} \{ (P_m / K_m) - (P_s / K_s) \}) / (100 - \text{ACn})]$$

Gas	9.0800
Liquid	339.6800
LNG	55.5000-

Base Value			Month Values		
SHRn	2,100.00	kCal/kwh			
ACn	3.00	%			
Gas Fuel					
Ps	3,974.10		Pm	4,382.76	
Ks	9,115.05		Km	9,169.95	
Liquid Fuel					
Ps	19,470.34		Pm	37,347.36	
Ks	11,311.23		Km	11,350.60	
LNG					
Ps	18,395.62		Pm	16,213.27	
Ks	9,078.16		Km	9,160.12	

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Energy Bill	From : 01.08.2007 To : 31.08.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 164
Ref. Doc. No.	: 600022519	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board	Last Energy Bill Date	: 31.08.2007
Station	: Auraiya Gas Power Station	Last Energy Bill No.	: 600015665

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Base Energy Charges-Gas	P/KWH	94.390	130,839	0	130,839
2	Base Energy Charges-LNG	P/KWH	438.700	61,431	0	61,431
3	Fuel Price Adj.-Gas	P/KWH	9.060	25,622	0	25,622
4	Fuel Price Adj.-Liq	P/KWH	339.790	6,946	0	6,946
5	Fuel Price Adj.-LNG	P/KWH	55.480	7,769	0	7,769
	Total	Rs.		151,933	0	151,933

Rupees: (In Words) MINUS One Lakh Fifty-One Thousand Nine Hundred Thirty-Three Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	83.6920	Gas	42,284,335
Cum. Wt Av Entitlement (%)	13.9070000000	Liquid Fuel	1,138,700
		LNG	8,583,198
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn}) \{ (Pm / Km) - (Ps / Ks) \} / (100 - \text{ACn})]$$

Gas	9.0000
Liquid	339.7900
LNG	55.4800

Base Value			Month Values		
SHRn	2,100.00	kCal/kwh			
ACH	3.00	%			
Gas Fuel					
Ps	3,974.10		Pm	4,376.61	
Ks	9,115.05		Km	9,159.18	
Liquid Fuel					
Ps	19,470.34		Pm	37,349.74	
Ks	11,311.23		Km	11,349.60	
LNG					
Ps	18,395.62		Pm	16,173.30	
Ks	9,078.16		Km	9,136.93	

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 In Pet. No. 164
Ref. Doc. No.	: 600022527	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Auraiya Gas Power Station		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Ne	Now Claimed
1	Capacity Charges	RS CR/YR	27,866,378	146,733,450	132,800,261		13,933,189
2	Base Energy Charges-Gas	P/KWH	94.390	35,569,782	0		35,569,782
3	Base Energy Charges-Liq	P/KWH	372.660	1,840,288	0		1,840,288
4	Base Energy Charges-LNG	P/KWH	438.700	20,979,270	0		20,979,270
5	Fuel Price Adj.-Gas	P/KWH	9.160	3,451,840	0		3,451,840
6	Fuel Price Adj.-Liq	P/KWH	337.360	1,665,968	0		1,665,968
7	Fuel Price Adj.-LNG	P/KWH	36.810	1,760,308	0		1,760,308
8	Income Tax	RS.	53312089.080	45,299,501	18,643,456		26,656,045
	Total	Rs.		253,779,791	151,443,717		102,336,074

Rupees: (In Words) Ten Crore Twenty-Three Lakh Thirty-Six Thousand Seventy-Four Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	85.7460	Gas	37,683,846
Cum. Wt Av Entitlement (%)	14.0210000000	Liquid Fuel	493,825
		LNG	4,782,145
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn} \{ (P_m / K_m) - (P_s / K_s) \}) / (100 - \text{ACn})]$$

Gas	9.1600
Liquid	337.3600
LNG	36.8100-

Base Value		Month Values	
SHRn	2,100.00 kCal/kwh		
ACn	3.00 %		
Gas Fuel			
Ps	3,974.10	Rm	4,523.47
Ks	9,115.05	Km	9,456.95
Liquid Fuel			
Ps	19,470.34	Pm	37,225.03
Ks	11,311.23	Km	11,350.40
LNG			
Ps	18,395.62	Pm	17,519.28
Ks	9,078.16	Km	9,437.52

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Energy Bill	From : 01.07.2007 To : 31.07.2007	Tariff Reference	: CERC order dtd. 9.5.2006 In Pet. No. 156
Ref. Doc. No.	: 600022521	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board.	Last Energy Bill Date	: 31.07.2007
Station	: Dadri Gas Power Station	Last Energy Bill No.	: 600010166

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Base Energy Charges-Gas	P/KWH	93.340	111,002	0	111,002
2	Base Energy Charges-LNG	P/KWH	434.690	2,600	0	2,600
3	Fuel Price Adj.-Gas	P/KWH	8.890	10,572	0	10,572
4	Fuel Price Adj.-LNG	P/KWH	47.420	284	0	284
	Total	Rs.		119,258	0	119,258

Rupees: (In Words) MINUS One Lakh Nineteen Thousand Two Hundred Fifty-Eight Only



REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	89.8110	Gas	57,348,390
Cum. Wt Av Entitlement (%)	16.7150000000	Liquid Fuel	0
		LNG	8,745,502
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn} ((\text{Pm} / \text{Km}) - (\text{Ps} / \text{Ks})) / (100 - \text{ACn}))]$$

Gas	8.8900
Liquid	9.0000
LNG	47.4200-

Base Value			Month Values		
SHRn	2,075.00	kCal/kwh			
ACn	3.00	%			
Gas Fuel					
Ps	3,951.29		Pm	4,450.93	
Ks	9,055.35		Km	9,313.82	
Liquid Fuel					
Ps	20,313.83		Pm	20,313.83	
Ks	9,025.88		Km	9,025.88	
LNG					
Ps	18,718.92		Pm	16,861.74	
Ks	9,211.82		Km	9,313.82	

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Energy Bill	From : 01.08.2007 To : 31.08.2007	Tariff Reference : CERC order dtd. 9.5.2006 in Pet. No. 156
Ref. Doc. No.	: 600022522	REA Reference :
Date	: 05.10.2007	REA Date :
Beneficiary	: Punjab State Electricity Board .	Last Energy Bill Date : 31.08.2007
Station	: Dadri Gas Power Station	Last Energy Bill No. : 600015666

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	0	209,929,257	209,929,257	0
2	Base Energy Charges-Gas	P/KWH	93.340	160,517	0	160,517
3	Base Energy Charges-Liq	P/KWH	481.450	9,268	0	9,268
4	Base Energy Charges-LNG	P/KWH	434.690	2,874	0	2,874
5	Fuel Price Adj.-Gas	P/KWH	8.900	15,306	0	15,306
6	Fuel Price Adj.-Liq	P/KWH	208.150	4,007	0	4,007
7	Fuel Price Adj.-LNG	P/KWH	58.240	385	0	385
8	Income Tax	RS.	0	40,784,799	40,784,799	0
	Total	Rs.		250,549,019	250,714,056	165,037

Rupees: (In Words) MINUS One Lakh Sixty-Five Thousand Thirty-Seven Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	84.8120	Gas	48,841,474
Cum. Wt Av Entitlement (%)	16.8350000000	Liquid Fuel	687,251
		LNG	1,899,693
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn} \{ (P_m / K_m) - (P_s / K_s) \}) / (100 - \text{ACn})]$$

Gas	8.9000
Liquid	208.1500
LNG	58.2400-

Base Value			Month Values		
SHRn	2,075.00	kCal/kwh			
ACn	3.00	%			
Gas Fuel					
Ps	3,951.29		Pm	4,459.48	
Ks	9,055.35		Km	9,330.71	
Liquid Fuel					
Ps	20,313.83		Pm	29,298.07	
Ks	9,025.88		Km	9,088.50	
LNG					
Ps	18,718.92		Pm	16,420.09	
Ks	9,211.82		Km	9,330.71	

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 156
Ref. Doc. No.	: 600022528	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Dadri Gas Power Station		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	54,309,698	291,450,320	264,295,471	27,154,849
2	Base Energy Charges-Gas	P/KWH	93.340	53,006,084	0	53,006,084
3	Base Energy Charges-Liq	P/KWH	481.450	6,302,753	0	6,302,753
4	Base Energy Charges-LNG	P/KV. H	434.690	3,972,871	0	3,972,871
5	Fuel Price Adj.-Gas	P/KWH	8.950	5,082,542	0	5,082,542
6	Fuel Price Adj.-Liq	P/KWH	208.150	2,724,931	0	2,724,931
7	Fuel Price Adj.-LNG	P/KWH	36.700	335,421	0	335,421
8	Income Tax	RS.	*6894074.220	99,524,637	41,077,600	58,447,037
	Total	Rs.		461,728,717	305,373,071	156,355,646

Rupees: (In Words) Fifteen Crore Sixty-Three Lakh Fifty-Five Thousand Six Hundred Forty-Six Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	86.4920	Gas	56,788,177
Cum. Wt Av Entitlement (%)	16.9120000000	Liquid Fuel	1,309,119
		LNG	913,955
		Cum. Inc Energy (Benef)	1

Fuel Price Adjustment (FPA)

$$= [(10 \times \text{SHRn}) \{ (Pm / Km) - (Ps / Ks) \} / (100 - ACn)]$$

Gas	8.9500
Liquid	208.1500
LNG	36.7000-

Base Value			Month Values		
SHRn	2,075.00	kCal/kwh			
ACn	3.00	%			
Gas Fuel					
Ps	3,951.29		Pm	4,446.19	
Ks	9,055.35		Km	9,298.35	
Liquid Fuel					
Ps	20,313.83		Pm	29,298.07	
Ks	9,025.88		Km	9,088.50	
LNG					
Ps	18,718.92		Pm	17,299.51	
Ks	9,211.82		Km	9,298.35	

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 142
Ref. Doc. No.	: 600022529	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Feroze Gandhi Unchahar TPS 1		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	22,277,388	118,806,887	107,668,193	11,138,694
2	Base Energy Charges-Coal	P/KWH	106.690	26,736,887	0	26,736,887
3	Fuel Price Adj.-Coal	P/KV.H	27.780	6,961,765	0	6,961,765
4	Incentive	P/KWH	1060407.750	2,803,739	1,743,331	1,060,408
5	Income Tax	RS.	27118673.980	23,073,938	9,514,601	13,559,337
6	Water/ Pollution Cess	RS.	42,143.760	222,795	180,651	42,144
	Total	Rs.		178,606,011	119,106,776	59,499,235

Rupees: (In Words) Five Crore Ninety-Four Lakh Ninety-Nine Thousand Two Hundred Thirty-Five Only

REA Data (Regular Energy)

Cumulative Availability (%)	87.8640	Coal	Scheduled Drawl (kwh)
Cum. Wt Av Entitlement (%)	9.2600000000	Cum. Inc Energy (Benef)	25,060,350
			11,214,956

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times SFC_n) (Pom - Pos) / (100 - AC_n)$$

$$B = (10 / (100 - AC_n)) \{ [(SHR_n \times Kcm) - (Pcs/Kcs)] - SFC_n \{ (Kom \times Pcm / Kcm) - (Kos \times Pcs / Kcs) \} \}$$

B = (10/(100 - ACn)) [((SHRn X Kcm) - (Pcs/Kcs)) - SFCn {(KomXPcm/Kcm) - (KosXPcs/Kcs)}]					Coal	27.7800
Base Value			Month Values			
SFCn	0.00200	litre/kwh				
SHR ₁	2,500.00	kCal/kwh				
ACn	8.77	%				
Pcs	1,342.43	Rs/MT	Pcm			
Kcs	3,519.00	Kcal/Kg	Kcm	1,693.51	Rs / MT	
Pos	13,610.50	Rs/KL	Pom	3,560.00	Kcal/Kg	
Kos	9,980.00	kCal/litre	Kcm	23,492.49	Rs/KL	
				9,990.00	kCai/litre	

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 In Pet. No. 150
Ref. Doc. No.	: 600022530	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Feroze Gandhi Unchahar TPS 2		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	51,030,276	266,043,388	240,528,250	25,515,138
2	Base Energy Charges-Coal	P/KWH	106.960	52,063,235	0	52,063,235
3	Fuel Price Adj.-Coal	P/KWH	27.020	13,152,100	0	13,152,100
4	Incentive	P/KWH	2697456.750	9,870,363	7,172,906	2,697,457
5	Water/ Pollution Cess	RS.	80,664.120	424,512	343,848	80,664
	Total	Rs.		341,553,598	248,045,004	93,508,594

Rupees: (In Words) Nine Crore Thirty-Five Lakh Eight Thousand Five Hundred Ninety-Four Only

REA Data (Regular Energy)

Cumulative Availability (%)	95.6380	Coal	Scheduled Drawl (kwh)
Cum. Wt Av Entitlement (%)	16.4490000000	Cum. Inc Energy (Benef)	48,675,425
			39,481,451

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ ((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} \{ (\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}) \} \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh	Coal		27.0200
SHRn	2,500.00	kCal/kwh			
ACn	9.00	%			
Pcs	1,342.43	Rs/MT	Pcm	1,693.51	Rs / MT
Kcs	3,519.00	Kcal/Kg	Kcm	3,583.00	Kcal/Kg
Pos	13,610.50	Rs/KL	Pom	23,492.49	Rs/KL
Kos	9,980.00	kCal/litre	Kom	9,990.00	kCal/litre

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dt 23.1.2007 In Pet. No. 122/
Ref. Doc. No.	: 600022537	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Feroze Gandhi Unchahar TPS 3		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	22467652.500	97,214,089	85,980,263	11,233,826
2	Base Energy Charges-Coal	P/KWH	128.760	20,199,740	0	20,199,740
3	Fuel Price Adj.-Coal	P/KWH	6.230	977,356	0	977,356
4	Incentive	P/KWH	899,143.750	4,183,638	3,284,494	899,144
	Total	Rs.		122,574,822	89,264,756	33,310,066

Rupees: (In Words) Three Crore Thirty-Three Lakh Ten Thousand Sixty-Six Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	101.0800	Coal	15,687,900
Cum. Wt Av Entitlement (%)	10.2270000000	Cum. Inc Energy (Benef)	16,734,549

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ ((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} ((\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs})) \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,500.00	kCal/kwh			
ACn	9.00	%			
Pcs	1,640.00	Rs/MT	Pcm	1,693.51	Rs / MT
Kcs	3,629.00	Kcal/Kg	Kcm	3,555.00	Kcal/Kg
Pos	25,423.00	Rs/KL	Pom	23,492.49	Rs/KL
Kos	9,900.00	kCal/litre	Kom	9,990.00	kCal/litre

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: Farakka Super Therm St 1B
Ref. Doc. No.	: 600022531	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Farakka STPS		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	25,804,978	58,646,995	45,744,306	12,902,489
2	Base Energy Charges-Coal	P/KWH	98.567	20,488,521	0	20,488,521
3	Fuel Price Adj.-Coal	P/KWH	24.980	5,192,440	0	5,192,440
4	Incentive	P/KWH	0	380,600	380,600	0
5	Income Tax	RS.	4034641.220	3,028,573	1,011,252	2,017,321
6	Water/ Pollution Cess	RS.	173,013.750	173,014	0	173,014
	Total	Rs.		87,910,143	47,136,358	40,773,785

Rupees: (In Words) Four Crore Seven Lakh Seventy-Three Thousand Seven Hundred Eighty-Five Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	83.4300	Coal	20,786,390
Cum. Wt Av Entitlement (%)	1.4002130000	Cum. Inc Energy (Benef)	1,522,400

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ [(\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})] - \text{SFCn} \{ (\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}) \} \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,468.75	kCal/kwh			
ACn	7.56	%			
Pcs	975.17	Rs/MT	Pcm	1,206.06	Rs / MT
Kcs	2,701.67	Kcal/Kg	Kcm	2,695.00	Kcal/Kg
Pos	13,490.35	Rs/KL	Pom	22,914.82	Rs/KL
Kos	9,600.00	kCal/litre	Kom	9,580.00	kCal/litre

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Energy Bill	From : 01.05.2007 To : 31.05.2007	Tariff Reference	: Kahalgaon Therm Pwr Stn 1B
Ref. Doc. No.	: 600022523	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .	Last Energy Bill Date	: 30.06.2007
Station	: Kahalgaon Therm Pwr Stn 1	Last Energy Bill No.	: 600007166

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Fuel Price Adj.-Coal	P/KWH	17.990	61,470	0	61,470
	Total	Rs.		61,470	0	61,470

Rupees: (In Words) MINUS Sixty-One Thousand Four Hundred Seventy Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	99.5900	Coal	36,159,297
Cum. Wt Av Entitlement (%)		Cum. Inc Energy (Benef)	0

Fuel Price Adjustment (FPA) ΔBT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ ((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} \{ (\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}) \} \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,500.00	kCal/kwh			
ACn	9.00	%			
Pcs	1,043.75	Rs/MT	Pcm	1,340.68	Rs / MT
Kcs	2,698.33	Kcal/Kg	Kcm	3,008.00	Kcal/Kg
Pos	13,997.47	Rs/KL	Pom	22,833.86	Rs/KL
Kos	9,905.00	kCal/litre	Kom	9,956.00	kCal/litre



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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: Kahalgaon Therm Pwr Stn 1B
Ref. Doc. No.	: 600022532	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Kahalgaon Therm Pwr Stn 1		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	58,041,274	240,480,661	211,460,024	29,020,637
2	Base Energy Charges-Coal	P/KWH	108.500	56,254,366	0	56,254,366
3	Fuel Price Adj.-Coal	P/KWH	28.960	15,014,990	0	15,014,990
4	Incentive	P/KWH	0	5,328,158	5,328,158	0
5	Water/ Pollution Cess	RS.	77,318.130	77,318	0	77,318
	Total	Rs.		317,155,492	216,788,181	100,367,311

Rupees: (In Words) Ten Crore Three Lakh Sixty-Seven Thousand Three Hundred Eleven Only

REA Data (Regular Energy)

Cumulative Availability (%)	90.0800	Coal	Scheduled Drawl (kwh)
Cum. Wt Av Entitlement (%)	8.5823120000	Cum. Inc Energy (Benef)	51,847,342
			21,312,630

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) [((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} ((\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}))]$$

Base Value			Coal	28.9600
SFCn	0.00200	litre/kwh	Month Values	
SHRn	2,500.00	kCal/kwh		
ACn	9.00	%		
Pcs	1,043.75	Rs/MT	Pcm	1,482.45 Rs / MT
Kcs	2,698.33	Kcal/Kg	Kcm	3,047.00 Kcal/Kg
Pos	13,997.47	Rs/KL	Pom	22,121.40 Rs/KL
Kos	9,905.00	kCal/litre	Kom	9,960.00 kCal/litre

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Energy Bill	From : 01.07.2007 To : 31.07.2007	Tariff Reference	: CERC order dtd. 19.6.2006 in Pet. No. 15
Ref. Doc. No.	: 600022524	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board	Last Energy Bill Date	: 31.07.2007
Station	: Rihand Therm Pwr Stn 1	Last Energy Bill No.	: 600010169

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Base Energy Charges-Coal	P/KWH	73.020	3,377	0	3,377
2	Fuel Price Adj.-Coal	P/KWH	22.950	1,061	0	1,061
	Total	Rs.		4,438	0	4,438

Rupees: (In Words) Four Thousand Four Hundred Thirty-Eight Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	99.3940	Coal	97,050,153
Cum. Wt Av Entitlement (%)	12.7340000000	Cum. Inc Energy (Benef)	64,631,066

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) [((\text{SHRn} \times \text{Kcm}) - (\text{Pcs}/\text{Kcs})) - \text{SFCn} ((\text{Kom} \times \text{Pcm}/\text{Kcm}) - (\text{Kos} \times \text{Pcs}/\text{Kcs}))]$$

Base Value			Month Values		
SECa	0.00200	litre/kwh			
SHRn	2,410.00	kCal/kwh			
ACn	8.50	%			
Pcs	1,051.65	Rs/MT	Pcm	1,263.40	Rs / MT
Kcs	3,929.00	Kcal/Kg	Kcm	3,625.00	Kcal/Kg
Pos	14,112.12	Rs/KL	Pom	22,433.66	Rs/KL
Kos	9,650.00	kCal/litre	Kom	9,650.00	kCal/litre

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Energy Bill From : 01.08.2007 To : 31.08.2007
Ref. Doc. No. : 600022525
Date : 05.10.2007
Beneficiary : Punjab State Electricity Board.
Station : Rihand Therm Pwr Stn 1
Tariff Reference : CERC order dtd. 19.6.2006 in Pet. No. 15
REA Reference :
REA Date :
Last Energy Bill Date : 31.08.2007
Last Energy Bill No. : 600015672

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	0	286,282,307	286,282,307	0
2	Base Energy Charges-Coal	P/KWH	73.020	4,410	0	4,410
3	Fuel Price Adj.-Coal	P/KWH	25.790	1,558	0	1,558
4	Incentive	P/KWH	0	16,157,767	16,157,767	0
5	Income Tax	RS.	0	40,500,594	40,500,594	0
6	Water/ Pollution Cess	RS.	0	1,265,152	1,265,152	0
	Total	Rs.		344,211,788	344,205,820	5,968

Rupees: (In Words) Five Thousand Nine Hundred Sixty-Eight Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	99.9470	Coal	97,334,562
Cum. Wt Av Entitlement (%)	12.9910000000	Cum. Inc Energy (Benef)	85,379,968

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ ((\text{SHRn} \times \text{Kcm}) - (\text{Pcs}/\text{Kcs})) - \text{SFCn} \{ (\text{Kom} \times \text{Pcm}/\text{Kcm}) - (\text{Kos} \times \text{Pcs}/\text{Kcs}) \} \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,410.00	kCal/kwh			
ACn	8.50	%			
Pcs	1,051.65	Rs/MT	Pcm	1,346.70	Rs / MT
Kcs	3,929.00	Kcal/Kg	Kcm	3,747.00	Kcal/Kg
Pos	14,112.12	Rs/KL	Pom	22,433.66	Rs/KL
Kos	9,650.00	kCal/litre	Kom	9,650.00	kCal/litre

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 19.6.2006 in Pet. No. 15
Ref. Doc. No.	: 600022534	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board.		
Station	: Rihand Therm Pwr Stn 1		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	78,511,810	404,331,044	365,075,139	39,255,905
2	Base Energy Charges-Coal	P/KWH	73.020	63,406,779	0	63,406,779
3	Fuel Price Adj.-Coal	P/KWH	21.400	18,582,650	0	18,582,650
4	Incentive	P/KWH	3,335,424	21,680,416	21,344,992	3,335,424
5	Income Tax	RS.	*8839298.460	100,737,634	41,317,984	59,419,650
6	Water/ Pollution Cess	RS.	326,597.960	1,955,763	1,629,165	326,598
	Total	Rs.		613,694,286	429,367,280	184,327,006

Rupees: (In Words) Eighteen Crore Forty-Three Lakh Twenty-Seven Thousand Six Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	99.0070	Coal	86,834,811
Cum. Wt Av Entitlement (%)	13.1540000000	Cum. Inc Energy (Benef)	98,721,664

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) [((\text{SHRn} \times \text{Kcm}) - (\text{Pcs}/\text{Kcs})) - \text{SFCn} ((\text{Kom} \times \text{Pcm}/\text{Kcm}) - (\text{Kos} \times \text{Pcs}/\text{Kcs}))]$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,410.00	kCal/kwh			
ACn	8.50	%			
Pcs	1,051.65	Rs/MT	Pcm	1,230.58	Rs / MT
Kcs	3,929.00	Kcal/Kg	Kcm	3,609.00	Kcal/Kg
Pos	14,112.12	Rs/KL	Pom	24,402.18	Rs/KL
Kos	9,650.00	kCal/litre	Kom	9,650.00	kCal/litre

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dt 10.3.2005 Pet.10/05 dt 21.
Ref. Doc. No.	: 600022538	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Rihand Therm Pwr Stn 2		

Regular Energy

S.N.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	94,196,364	482,740,302	435,642,120	47,098,182
2	Base Energy Charges-Coal	P/KWH	85.760	51,929,095	0	51,929,095
3	Fuel Price Adj.-Coal	P/KWH	9.750	5,903,786	0	5,903,786
4	Incentive	P/KWH	2087619.750	11,457,169	13,544,789	2,087,620
	Total	Rs.		552,030,352	449,186,909	102,843,443

Rupees: (In Words) Ten Crore Twenty-Eight Lakh Forty-Three Thousand Four Hundred Forty-Three Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	89.4400	Coal	60,551,650
Cum. Wt Av Entitlement (%)	12.3690000000	Cum. Inc Energy (Benef)	45,828,675

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) [((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} ((\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}))]$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,450.00	kCal/kwh			
ACn	7.50	%			
Pcs	1,166.93	Rs/MT	Pcm	1,230.58	Rs / MT
Kcs	3,773.00	Kcal/Kg	Kcm	3,587.00	Kcal/Kg
Pos	20,747.33	Rs/KL	Pom	24,771.38	Rs/KL
Kos	9,650.00	kCal/litre	Kom	9,650.00	kCal/litre

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Energy Bill	From : 01.09.2007 To : 30.09.2007	Tariff Reference	: CERC order dtd. 9.5.2006 in Pet. No. 157
Ref. Doc. No.	: 600022535	REA Reference	:
Date	: 05.10.2007	REA Date	:
Beneficiary	: Punjab State Electricity Board .		
Station	: Singrauli STPS		

Regular Energy

S.	Description	Unit	Rate	Current Amount	Already Claimed	Net Now Claimed
1	Capacity Charges	RS CR/YR	73,925.032	378,426,299	341,463,783	36,962,516
2	Base Energy Charges-Coal	P/KWH	73.990	129,521,086	0	129,521,086
3	Fuel Price Adj.-Coal	P/KWH	9.920	17,365,173	0	17,365,173
4	Incentive	P/KWH	8761376.250	16,977,870	8,216,494	8,761,376
5	Income Tax	RS.	67431927.620	57,123,329	23,407,365	33,715,964
6	Water/ Pollution Cess	RS.	536,293	2,666,130	2,129,837	536,293
	Total	Rs.		602,079,888	375,217,480	226,862,408

Rupees: (In Words) Twenty-Two Crore Sixty-Eight Lakh Sixty-Two Thousand Four Hundred Eight Only

REA Data (Regular Energy)

		Scheduled Drawl (kwh)	
Cumulative Availability (%)	86.9880	Coal	175,052,150
Cum. Wt Av Entitlement (%)	12.1690000000	Cum. Inc Energy (Benef)	67,911,480

Fuel Price Adjustment (FPA) ABT Coal = A + B

$$A = (10 \times \text{SFCn}) (\text{Pom} - \text{Pos}) / (100 - \text{ACn})$$

$$B = (10 / (100 - \text{ACn})) \{ ((\text{SHRn} \times \text{Kcm}) - (\text{Pcs} / \text{Kcs})) - \text{SFCn} \{ (\text{Kom} \times \text{Pcm} / \text{Kcm}) - (\text{Kos} \times \text{Pcs} / \text{Kcs}) \} \}$$

Base Value			Month Values		
SFCn	0.00200	litre/kwh			
SHRn	2,475.00	kCal/kwh			
ACn	7.75	%			
Pcs	1,018.93	Rs/MT	Pcm	1,060.67	Rs / MT
Kcs	3,819.30	Kcal/Kg	Kcm	3,584.00	Kcal/Kg
Pos	13,794.60	Rs/KL	Pom	23,741.74	Rs/KL
Kos	10,000.00	kCal/litre	Kom	9,990.00	kCal/litre

242963630

National Hydroelectric Power Corporation Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD-121003

NH/Comm./Finance cell/

Special Post/COUPLAGE

TO

Dated:- 8/10/07

CHIEF ENGINEER(SYSTEMS, O & C.)
PUNJAB STATE ELECTRICITY BOARD,
ISB DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB-STATION
ABLOWAL, PATIALA-147001

INVOICE NO. NH/COMML/09-2007/1000262
& DATE: Dt. /10/2007
BILL FOR: Sep-2007
TYPE OF BILL: Provisional

Sub. :- Bill for the month of September-07 in respect of power stations in the Northern Region of NHPC.

Sir,

Please find enclosed the bill for energy supplied from NHPC power stations in the Northern Region during September-07 on the basis of provisional ABT based REA received from NRPC vide its letter dated 4/10/2007. It also includes the impact of final REA for the months of August-07 received vide NRPC letter dated 18/9/2007.

Payment may be released expeditiously.

SNo	Power Station	Bill Amount	Amount eligible for Rebate
1	BAIRA SIUL	24,371,840	22,342,035
2	SALAL	64,105,123	60,169,209
3	TANAKPUR	10,463,543	10,700,607
4	CHAMERA-I	22,676,965	20,432,969
5	URI	40,830,907	38,233,959
6	DHAULIGANGA	37,610,106	35,356,678
7	CHAMERA-II	55,852,487	50,414,899
8	DULHASTI	124,945,504	114,088,568
TOTAL (Principal) billed		380,856,475	351,738,924

Outstanding

Description	Previous Balance	Amount Billed	Payment Received	Rebate Allowed	Adjustments	Outstanding
Principal	474,622,515	380,856,475	486,990,890	9,192,081		359,296,019
late payment Surcharge	0	0				0
Interest	0					0

Grand Total: 359,296,019

For NHPC Ltd.

वसिष्ठ प्रसाद (वित्त)
Sr. Manager (Finance)
क्षेत्रीय कार्यालय, चंडीगढ़
Regional Office, Chandigarh

Incl. as above

National Hydroelectric Power Corporation Ltd.
(A Schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD-121003

Speed Post/Courier

Dated:

Compl./Finance cell/

Executive Director(R-IV), NHPC Ltd., 74-75, Sector 31-A, Dakshin Marg, Chandigarh -
60 030 (U.T.)

COM/722/02/09

My. No.:00

Ref Date:9/1/2006



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary
CHIEF ENGINEER (SYSTEMS, O & C.)
PUNJAB STATE ELECTRICITY BOARD,
1ST DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB-STATION
ARZUWAL, PATIALA 147001

Bill For Sep 2007
Bill Type Provisional (Energy Bill)

Bill No NH/COMML/09-2007/1000262
Bill Date /10/2007

Project HAIPA STNL

P/COM/722/02/08 Rev. No.:00 Eff Date: 9/1/2006

Notification Ref	AFC	51.290400	Cr	Normative CI for Capacity Charges	NCI	85.00	
Annual Fixed Charges	CCI	100.000	%	Normative CI for Incentive	NII	85.00	%
Cumulative CI				Primary/Secondary/ Composite Energy rate	PER	85.15	P/KWh
Annual DE	ADE	779.280000	MU	Adjusted Primary and Secondary Energy rate *	APER		P/KWh
Transformation Loss	TL	0.50	%				
Auxiliary Consumption	AC	0.20	%				
Annual DE (Ex-Bus)	ADESO	773.825040	MU				
Annual Saleable DE Ex Bus	ASLDESO	680.966035	MU				
				Energy (upto the month)			
				Design Energy	DE	580.830000	MU
				Design Energy (Ex-Bus)	DESO	576.764190	MU
				Saleable DE (Ex-Bus)	SLDESO	507.552487	MU
				Saleable Capacity Share	CS	46.500	%

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	412.181022		Primary/Composite Energy Charges (Rs)	PPEC	308,843,174
Free Energy (MU)	PEP	49.476179		Capacity Charges (Rs) *4	PCC	42,036,677
Saleable Energy (MU)	PSLE	362.704843		Incentive (Rs) *5	PINC	57,273,160
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	412.181022		Income Tax (Rs)	PIT	5,485,500
Free Power pertaining to PE (MU) *2	PPPE	49.476179		Total Charges (Rs.)	PTC	393,638,511
Saleable Primary Energy (MU) [PPE-PPPE]	PSLPE	362.704843				

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug'07	Upto Sep'07	Sep'07
1 Scheduled Energy (MU)	BSCH	176.336849	191.638324	15.301475
2 Saleable Energy (MU)	BSLE	176.336849	191.638324	15.301475
3 Sal. Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	176.336849	191.638324	15.301475

(C) Bill Details for the Month of September 2007

Description	Upto Aug'07	Upto Sep'07	Sep'07
1 PRIMARY/COMPOSITE ENERGY CHARGES	150,150,827	163,180,033	13,029,206
2 CAPACITY CHARGES	12,899,733	22,212,562	9,312,829
3 INCENTIVE	17,665,672	19,695,477	2,029,805
4 INCOME TAX		2,898,588	0
Total Charges	2,898,588	2,898,588	24,371,840
Amount due in this bill	183,614,820	207,986,660	24,371,840
Amount for the purpose of Rebate #			22,342,033

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	37,814,194	24,371,840	39088477	718086		22,379,471
						22,379,471

- * If $AFC < (PSLPE + (ASLDESO - SLDESO)) \times PER / 1000$, $APER = AFC / ASLDESO \times 1000$, otherwise $APER$ is not applicable
 # PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES
 2 PFP / PSCH x PPE
 4 If $CCI > NCI$, $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable/1000) x $SLDESO / ASLDESO$, or else $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable/1000) x $SLDESO / ASLDESO \times CCI / NCI$
 5 If $CCI > NII$, $AFC \times .65 \times (CCI - NII) / 100 \times SLDESO / ASLDESO$, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary

CHIEF ENGINEER (SYSTEMS, O & C)
PUNJAB STATE ELECTRICITY BOARD,
15B DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB STATION
ARLOWAL, PATIALA 147001

Bill For Sep 2007

Bill Type Provisional (Energy Bill)

Bill No NH/COMML/09 2007/1000262

Bill Date /10/2007

2/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006

Project SALAL

Notification Ref

Annual Fixed Charges

Cumulative CI

Annual DE

Transformation Loss

Auxiliary Consumption

Annual DE (Ex Bus)

Annual Saleable DE Ex Bus

AFC	173.206200	CI
CCI	96.390	%
ADE	1082.000000	MU
TL	0.50	%
AC	0.50	%
ADESO	1051.180000	MU
ASLDESO	2685.038400	MU

Normative CI for Capacity Charges	NCI	30.00	%
Normative CI for Incentive Primary/Secondary/ Composite Energy rate	NII	30.00	%
Adjusted Primary and Secondary Energy rate *	APER	64.54	p/KWH
Energy (upto the month)			
Design Energy	DE	2386.060000	MU
Design Energy (Ex-Bus)	DESO	2362.199400	MU
Saleable DE (Ex-Bus)	SLDESO	2072.735472	MU
Saleable Capacity Share	CS	26.600	%

(A) Power Station-wise Energy Calculation upto the month (from APP-07 to SEP-07)

Scheduled Energy (MU)	PSCH	2515.741934
Free Energy (MU)	PPP	303.890799
Saleable Energy (MU)	PSLE	2211.851135
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	2362.199400
Secondary Energy (MU) [PSCH - PPE]	PSE	153.542534
Free Power pertaining to PE (MU) *2	PPFPE	285.343522
Free Power pertaining to SE (MU) *3	PPFSE	18.547277
Saleable Primary Energy (MU) [PPE-PPFPE]	PSLPE	2076.855878
Saleable Secondary Energy (MU) [PSE-PPFSE]	PSLSE	134.995257

Primary/Composite Energy Charges (Rs)	PPEC	1,340,402,784
Secondary Energy Charges (Rs)	PSEC	87,125,939
Capacity Charges (Rs) *4	PCC	968,752
Incentive (Rs) *5	PINC	55,725,244
Income Tax (Rs)	PIT	76,941,000
Total Charges (Rs.)	PTC	1,561,163,719

(B) Beneficiary-wise Power Calculation (in MU)

Description	Upto Aug 07	Upto Sep 07	Sep 07
1 Scheduled Energy (MU)	BSCH	576.084725	669.177150
2 Saleable Energy (MU)	BSLE	576.084725	669.177150
3 Sal. Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	516.600126	628.335459
4 Sal. Sec. Energy (MU) [BSLE-BSLPE]	BSLSE	59.484599	40.841691
			-18.642908

(C) Bill Details for the Month of September 2007

Description	Upto Aug 07	Upto Sep 07	Sep 07
1 PRIMARY/COMPOSITE ENERGY CHARGES	333,413,721	405,527,705	72,113,984
2 SECONDARY ENERGY CHARGES	38,391,360	26,359,227	12,032,133
3 CAPACITY CHARGES	205,469	292,827	87,358
4 INCENTIVE	12,908,307	16,844,221	3,935,914
5 INCOME TAX	23,257,166	23,257,166	0
Total Charges	408,176,023	472,281,146	64,105,123
Amount due in this bill			64,105,123
Amount for the purpose of Rebate #			60,169,209

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	68,364,011	64,105,123	80119225	1601401		50,748,508
						Total Outstanding 50,748,508

* If AFC<(PSLPE+(ASLDESO-SLDESO)) x PER/1000,APER=AFC/ASLDESO x 1000,otherwise APER is not applicable
1 PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES

2 PFP / PSCH X PPE

3 PFP-PPFPE

4 If CCI>NCI,(AFC-(PSLPE+(ASLDESO-SLDESO))xPER or APER (as applicable)/1000) x SLDESO/ASLDESO, or else (AFC-(PSLPE+(ASLDESO-SLDESO)) x PER or APER(as applicable)/1000) x SLDESO/ASLDESO x CCI/NCI

5 If CCI>NII, AFC x .65 x (CCI-NII)/100 x SLDESO/ASLDESO, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary				Bill For Sep 2007	
CHIEF ENGINEER (SYSTEMS, O & C.) PUNJAB STATE ELECTRICITY BOARD, 15B DIRECTORATE, S.L.D.C. BUILDING, 220 K.V. SUB-STATION ABLOWAL, PATIALA-147001				Bill Type Provisional (Energy Bill)	
				Bill No NH/COMML/09 2007/1000262	
				Bill Date /10/2007	
Project TANAKPUR		P/COM/722/02/08 Rev. No.:00 Eff Date:01/2006			
Notification Ref	APC	45.774100	Cx	Normative CI for Capacity	NCI 30.00
Annual Fixed Charges	CCI	87.538	%	Charges	
Cumulative CI				Normative CI for Incentive	Nil 30.00
Annual DE	ADE	452.190000	MU	Primary/Secondary/ Composite	PER 85.15 P/KWH
Transformation Loss	TL	0.50	%	Energy rate	
Auxiliary Consumption	AC	0.50	%	Adjusted Primary and	APER P/KWH
Annual DE (Ex-Bus)	ADESO	447.668100	MU	Secondary Energy rate *	
Annual Saleable DE Ex Bus	ASLDESO	393.947928	MU	Energy (upto the month)	
Avg.Cap allocated to Nepal				Design Energy	DE 288.560000 MU
by MOP	ACN	14.000000		Design Energy (Ex-Bus)	DESO 285.674400 MU
Remaining Capacity	RC	80.20		Saleable DE (Ex-Bus)	SLDESO 251.393472 MU
				Saleable Capacity Share	CS 17.930

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	270.345697	Primary/Composite Energy Charges (Rs)	PPEC	204,435,399
Free Energy (MU)	PPP	30.257149	Capacity Charges (Rs) *4	PCC	81,880,694
Saleable Energy (MU)	PSLE	240.088548	Income Tax (Rs)	PIT	7,218,000
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	270.345697	Interest On Settlement Of Old Contracts (Rs)	ISOC	9,481,750
Free Power pertaining to PE (MU) *2	17PPE	30.257149	Total Charges (Rs.)	PTC	303,015,843
Saleable Primary Energy (MU) [PPE-17PPE]	PSLPE	240.088548			

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug'07	Upto Sep'07	Sep'07
1	Scheduled Energy (MU)	BSCH 36.659690	44.722865	8.063175
2	Saleable Energy (MU)	BSLE 36.659690	44.722865	8.063175
3	Sal. Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE 36.406445	44.722865	8.316420
4	Sal. Sec. Energy (MU) [BSLE-BSLPE]	BSLSE 0.253245	0.000000	-0.253245

(C) Bill Details for the Month of September 2007

Description		Upto Aug'07	Upto Sep'07	Sep'07
1	PRIMARY/COMPOSITE ENERGY CHARGES	31,000,088	38,081,520	7,081,432
2	SECONDARY ENERGY CHARGES	215,638	0	-215,638
3	CAPACITY CHARGES	10,368,923	14,203,736	3,834,813
4	INCENTIVE	246,087	0	-246,087
5	INCOME TAX	1,252,097	1,252,097	0
6	Interest On Settlement Of Old Contracts	1,722,475	1,731,498	9,023
Total Charges		44,805,308	55,268,851	10,463,543
Amount due in this bill				10,463,543
Amount for the purpose of Rebate #				10,700,607

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	11,107,268	10,463,543	10577294	223296		10,770,221
Total Outstanding						10,770,221

* If AFC < (PSLPE + (ASLDESO - SLDESO)) x PER/1000, APER = AFC/ASLDESO x 1000, otherwise APER is not applicable

PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES

2 PFP / PSCH x PPE

* CCI > NCI, (AFC - (PSLPE + (ASLDESO - SLDESO)) x PER or APER (as applicable/1000) x SLDESO/ASLDESO, or else (AFC - (PSLPE + (ASLDESO - SLDESO)) x PER or APER (as applicable/1000) x SLDESO/ASLDESO x CCI/NCI



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary
CHIEF ENGINEER (SYSTEMS, O & C)
HUNJAR STATE ELECTRICITY BOARD,
1ST FLOOR, S.L.D.C. BUILDING,
220 K.V. SUB STATION
APLAWAL, PATIALA 147001

Project CHAMARRA-I

Notification Ref
Annual Fixed Charges
Cumulative CI

Annual DE
Transformation Loss
Auxiliary Consumption
Annual DE (Ex-Bus)
Annual Saleable DE Ex-Bus

AFC	196.538800	Cr
CCI	100.0000	%
ADE	1664.550000	MU
TL	0.50	%
AC	0.70	%
ADESO	1644.575400	MU
ASLDESO	1447.226352	MU

Bill For Sep 2007
Bill Type Provisional (Energy Bill)
Bill No NH/COMML/09-2007/1000262
Bill Date /10/2007

P/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006

Normative CI for Capacity Charges	NCI	85.00	%
Normative CI for Incentive Primary/Secondary/ Composite Energy rate	NII	85.00	%
Adjusted Primary and Secondary Energy rate *	PER	85.15 P/KWh	
	APER	P/KWh	
Energy (upto the month)			
Design Energy	DE	1255.060000	MU
Design Energy (Ex-Bus)	DESO	1239.999280	MU
Saleable DE (Ex-Bus)	SLDESO	1091.199366	MU
Saleable Capacity Share	CS	10.200	%

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	1645.590500
Free Energy (MU)	PPP	199.893790
Saleable Energy (MU)	PSLE	1445.696710
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	1239.999280
Secondary Energy (MU) [PSCH - PPE]	PSE	405.591220
Free Power pertaining to PE (MU) *2	PPFPE	150.625660
Free Power pertaining to SE (MU) *3	PPPSE	49.268130
Saleable Primary Energy (MU) [PPE-PPFPE]	PSLPE	1089.373620
Saleable Secondary Energy (MU) [PSE-PPFPE]	PSLSE	356.323090

Primary/Composite Energy Charges (Rs)	PPEC	927,601,637
Secondary Energy Charges (Rs)	PSEC	303,409,111
Capacity Charges (Rs) *4	PCC	553,905,833
Incentive (Rs) *5	PINC	144,484,267
Income Tax (Rs)	PIT	94,797,000
Total Charges (Rs.)	PTC	2,024,197,848

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug '07	Upto Sep '07	Sep '07
1 Scheduled Energy (MU)	BSCH	154.066325	167.939425	13.873100
2 Saleable Energy (MU)	BSLE	154.066325	167.939425	13.873100
3 Sal. Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	109.591281	126.547137	16.955856
4 Sal. Sec. Energy (MU) [BSLE-BSLPE]	BSLSE	44.475044	41.392288	-3.082756

(C) Bill Details for the Month of September 2007

Description	Upto Aug '07	Upto Sep '07	Sep '07
1 PRIMARY/COMPOSITE ENERGY CHARGES	93,316,976	107,754,887	14,437,911
2 SECONDARY ENERGY CHARGES	37,870,500	35,245,333	-2,624,967
3 CAPACITY CHARGES	55,582,697	64,202,722	8,620,025
4 INCENTIVE	14,503,044	16,747,040	2,243,996
5 INCOME TAX	10,987,834	10,987,834	0
Total Charges	212,261,051	234,938,016	22,676,965
Amount due in this bill			22,676,965
Amount for the purpose of Rebate #			20,432,969

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	44,916,942	22,676,965	46007861	846280		20,739,766
						Total Outstanding 20,739,766

- * If AFC < (PSLPE + (ASLDESO - SLDESO)) x PER/1000, APER = AFC/ASLDESO x 1000, otherwise APER is not applicable
- 1 PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES
- 2 PEP/PSCH x PPE
- 3 PPF/PPFPE
- 4 If CCI > NCI, (AFC - (PSLPE + (ASLDESO - SLDESO))) x PER or APER (as applicable/1000) x SLDESO/ASLDESO, or else (AFC - (PSLPE + (ASLDESO - SLDESO))) x PER or APER (as applicable/1000) x SLDESO/ASLDESO x CCI/NCI
- 5 If CCI > NII, AFC x .65 x (CCI - NII)/100 x SLDESO/ASLDESO, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary

CHIEF ENGINEER (SYSTEMS, O & C.)
PUNJAB STATE ELECTRICITY BOARD,
ISB DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB-STATION
ABLOWAL, PATIALA-147001

Bill For Sep 2007
Bill Type Provincial (Energy Bill)

Bill No NH/COMML/03 2007/1000262
Bill Date /10/2007

V/COM/722/02/08 Rev. No.:00 Eff Date: 9/1/2006

Project URI

Notification Ref				Normative CI for Capacity Charges	NCI	10.00	
Annual Fixed Charges	AFC	309.149600	CI	Normative CI for Incentive Primary/Secondary/ Composite Energy rate	NI	10.00	
Cumulative CI	CCI	77.574		Adjusted Primary and Secondary Energy rate *	APER	35.15 P/Kwh	
Annual DE	ADE	2587.380000	MU	<u>Energy (upto the month)</u>			
Transformation Loss	TL	0.50		Design Energy	DE	1847.030000	MU
Auxiliary Consumption	AC	0.70		Design Energy (Ex-Bus)	DESO	1824.865640	MU
Annual DE (Ex-Bus)	ADESO	2556.331440	MU	Saleable DE (Ex Bus)	SLDESO	1605.881763	MU
Annual Saleable DE Ex Bus	ASLDESO	2249.571667	MU	Saleable Capacity Share	CS	13.750	

(A) Lower Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	1774.498257	Primary/Composite Energy Charges (Rs)	PPEC	1,320,828,513
Free Energy (MU)	PPP	213.319733	Capacity Charges (Rs) *4	PCC	872,742,008
Saleable Energy (MU)	PSLE	1551.178524	Incentive (Rs) *5	PINC	137,394,900
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	1764.498257	Income Tax (Rs)	PIT	182,569,500
Free Power pertaining to PE (MU) *2	PPFPE	213.319733	Total Charges (Rs.)	PTC	2,513,534,921
Saleable Primary Energy (MU) [PPE-PPFPE]	PSLPE	1551.178524			

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug '07	Upto Sep '07	Sep '07
1 Scheduled Energy (MU)	BSCH	218.863547	242.700524	23.836977
2 Saleable Energy (MU)	BSLE	218.863547	242.700524	23.836977
3 Sal. Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	218.863547	242.700524	23.836977

(C) Bill Details for the Month of September 2007

Description	Upto Aug '07	Upto Sep '07	Sep '07
1 PRIMARY/COMPOSITE ENERGY CHARGES	186,362,310	206,659,496	20,297,186
2 CAPACITY CHARGES	118,429,166	136,365,939	17,936,773
3 INCENTIVE	18,871,005	21,467,953	2,596,948
4 INCOME TAX	28,526,484	28,526,484	0
Total Charges	352,188,965	393,019,872	40,830,907
Amount due in this bill			40,830,907
Amount for the purpose of Rebate #			38,233,959

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	52,302,294	40,830,907	55819467	1063778		36,249,956

Total Outstanding 36,249,956

- * If $AFC < (PSLPE + (ASLDESO - SLDESO)) \times PER / 1000$, $APER = AFC / ASLDESO \times 1000$, otherwise $APER$ is not applicable
 # PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES
 2 $PPF / PSCH \times PPE$
 4 If $CCI > NCI$, $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable) / 1000 $\times SLDESO / ASLDESO$, or else $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable) / 1000 $\times SLDESO / ASLDESO \times CCI / NCI$
 5 If $CCI > NII$, $AFC \times .65 \times (CCI - NII) / 100 \times SLDESO / ASLDESO$, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary

CHIEF ENGINEER (SYSTEMS, O & C)
PUNJAB STATE ELECTRICITY BOARD,
15B DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB STATION
ARLOWAL, PATIALA 147001

Bill For Sep 2007

Bill Type Provisional (Energy Bill)

Bill No NH/COMML/09-2007/1000262

Bill Date /10/2007

Project DHAULIGANGA

F/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006

Notification Ref
Annual Fixed Charges
Cumulative CI

Annual DE
Transformation Loss
Auxiliary Consumption
Annual DE (Ex Bus)
Annual Saleable DE Ex Bus

APC	173.697300	Cr	Normative CI for Capacity Charges	NCI	85.00	
CCI	28.787	%	Normative CI for Incentive Primary/Secondary/ Composite Energy rate	NII	85.00	
ADE	1134.690000	MU	Adjusted Primary and Secondary Energy rate *	APER	85.15 P/KWH	
TL	0.50	%				
AC	0.70	%				
ADESO	1121.073720	MU				
ASLDESO	986.544874	MU				
			Energy (upto the month)			
			Design Energy	DE	868.310000	MU
			Design Energy (Ex-Bus)	DESO	7.890280	MU
			Saleable DE (Ex-Bus)	SLDESO	754.043446	MU
			Saleable Capacity Share	CS	12.169	%

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	844.936125	Primary/Composite Energy Charges (Rs)	PPEC	612,323,421
Free Energy (MU)	PPP	102.336688	Capacity Charges (Rs) *4	PCC	694,409,983
Saleable Energy (MU)	PSLE	742.599437	Incentive (Rs) *5	PINC	119,117,008
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	844.936125	Income Tax (Rs)	PIT	33,988,500
Free Power pertaining to PE (MU) *2	PPPPE	102.336688	Total Charges (Rs)	PTC	1,479,838,912
Saleable Primary Energy (MU) [PPE-PPPPE]	PSLPE	742.599437			

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug '07	Upto Sep '07	Sep '07
1 Scheduled Energy (MU)	BSCH	87.058404	105.565129	18.506725
2 Saleable Energy (MU)	BSLE	87.058404	105.565129	18.506725
3 Sal.Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	86.683693	105.565129	18.506725
4 Sal.Sec.Energy (MU) [BSLE-BSLPE]	BSLSE	0.374711	0.000000	-0.374711

(C) Bill Details for the Month of September 2007

Description	Upto Aug '07	Upto Sep '07	Sep '07
1 PRIMARY/COMPOSITE ENERGY CHARGES	73,811,165	89,888,707	16,077,542
2 SECONDARY ENERGY CHARGES	319,066	0	-319,066
3 CAPACITY CHARGES	76,427,651	95,025,853	15,598,202
4 INCENTIVE	14,282,288	16,471,987	2,189,699
5 INCOME TAX	4,636,340	4,700,069	63,729
Total Charges	169,476,510	207,086,616	37,610,106
Amount due in this bill			37,610,106
Amount for the purpose of Rebate #			35,356,678

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	49,349,365	37,610,106	48453193	896172		37,610,106
Total Outstanding						37,610,106

* If AFC < (PSLPE + (ASLDESO - SLDESO)) x PER/1000, APER = AFC/ASLDESO x 1000, otherwise APER is not applicable
PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES

2 PFP / PSCH x PPE

4 If CCI > NCI, (AFC - (PSLPE + (ASLDESO - SLDESO))) x PER or APER (as applicable/1000) x SLDESO/ASLDESO, or else (AFC - (PSLPE + (ASLDESO - SLDESO))) x PER or APER (as applicable/1000) x SLDESO/ASLDESO x CCI/NCI

5 If CCI > NII, AFC x .65 x (CCI - NII)/100 x SLDESO/ASLDESO, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary

CHIEF ENGINEER (SYSTEMS, O & C)
PUNJAB STATE ELECTRICITY BOARD,
15B DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB STATION
ABLOWAL, PATIALA 147001

Bill For Sep 2007

Bill Type Provisional (Energy Bill)

Bill No NH/COMML/09 2007/1000262

Bill Date /10/2007

P/COM/122/02/08 Rev. No.:00 Eff Date:9/1/2006

Project

CHAMERA-II

Notification Ref

Annual Fixed Charges

Cumulative CI

Annual DE

Transformation Loss

Auxiliary Consumption

Annual DE (Ex Bus)

Annual Saleable DE Ex Bus

AFC

CI

ADE

TL

AC

ADESO

ASLDESO

138.459000 CI

99.087

1499.890000 MU

0.50

0.70

1481.891320 MU

1304.064362 MU

Normative CI for Capacity

Charges

Normative CI for Incentive

Primary/Secondary/ Composite

Energy rate

Adjusted Primary and

Secondary Energy rate *

Energy (upto the month)

Design Energy

Design Energy (Ex-Bus)

Saleable DE (Ex-Bus)

Saleable Capacity Share

NCI

NII

PER

APER

DE

DESO

SLDESO

CS

85.00

85.00

85.15 P/KWH

P/KWH

1126.310000 MU

1112.794280 MU

979.258966 MU

12.599

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	1121.262750
Free Energy (MU)	PPP	135.846962
Saleable Energy (MU)	PSLE	985.415788
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	1112.794280
Secondary Energy (MU) [PSCH - PPE]	PSE	8.468470
Free Power pertaining to PE (MU) *2	PPFPE	134.820962
Free Power pertaining to SE (MU) *3	PPPSE	1.026000
Saleable Primary Energy (MU) [PPE-PPFPE]	PSLPE	977.973318
Saleable Secondary Energy (MU) [PSE-PPFSE]	PSLSE	7.442470

Primary/Composite Energy Charges (Rs)	PPEC	832,744,280
Secondary Energy Charges (Rs)	PSEC	6,337,263
Capacity Charges (Rs) *4	PCC	1,708,567,812
Incentive (Rs) *5	PINC	232,754,520
Income Tax (Rs)	PIT	55,656,000
Total Charges(Rs.)	PTC	2,836,059,875

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug'07	Upto Sep'07	Sep'07
1 Scheduled Energy (MU)	BSCH	124.413725	140.889675	16.475950
2 Saleable Energy (MU)	BSLE	124.413725	140.889675	16.475950
3 Sal.Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	119.810464	139.825589	20.015125
4 Sal.Sec.Energy (MU) [BSLE-BSLPE]	BSLSE	4.603261	1.064086	-3.539175

(C) Bill Details for the Month of September 2007

Description	Upto Aug'07	Upto Sep'07	Sep'07
1 PRIMARY/COMPOSITE ENERGY CHARGES	102,018,610	119,061,489	17,042,879
2 SECONDARY ENERGY CHARGES	3,919,677	906,069	-3,013,608
3 CAPACITY CHARGES	208,230,802	244,616,430	36,385,628
4 INCENTIVE	28,010,576	33,323,570	5,312,994
5 INCOME TAX	7,843,701	7,968,295	124,594
Total Charges	350,023,366	405,875,853	55,852,487
Amount due in this bill			55,852,487
Amount for the purpose of Rebate *			50,414,899

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount filled	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	81,555,487	55,852,487	80069710	1485777		55,852,487

Total Outstanding 55,852,487

- * If $AFC < (PSLPE + (ASLDESO - SLDESO)) \times PER/1000$, $APER = AFC/ASLDESO \times 1000$, otherwise $APER$ is not applicable
- 2 $PPI = PSCH \times PPE$
- 3 $PPFPE$
- 4 If $CCI > NCI$, $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable/1000) $\times SLDESO/ASLDESO$, or else $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable/1000) $\times SLDESO/ASLDESO \times CCI/NCI$
- 5 If $CCI > NII$, $AFC \times .65 \times (CCI - NII)/100 \times SLDESO/ASLDESO$, otherwise nil



National Hydroelectric Power Corporation Ltd.
(A schedule 'A' Enterprise of Govt. of India)
NHPC Office Complex Sector 33, FARIDABAD - 121003

Address of Beneficiary

CHIEF ENGINEER (SYSTEMS, O & C.)
PUNJAB STATE ELECTRICITY BOARD,
15B DIRECTORATE, S.L.D.C. BUILDING,
220 K.V. SUB-STATION
ABLOWAL, PATIALA-147001

Bill For Sep 2007

Bill Type Provisional (Energy Bill)

Bill No NH/COMML/09 2007/1000262

Bill Date /10/2007

Project DULHASTI

P/COM/722/02/08 Rev. No.:00 Eff Date:01/1/2006

Notification Ref

Annual Fixed Charges

Cumulative CI

Annual DE

Transformation Loss

Auxiliary Consumption

Annual DE (Ex-Bus)

Annual Saleable DE Ex Bus

AFC

CCI

ADE

TL

AC

ADESO

ASLDESO

493.200000 Cr

98.642 %

1890.900000 MU

0.50 %

0.70 %

1868.209200 MU

1644.024096 MU

Normative CI for Capacity

Charges

Normative CI for Incentive

Primary/Secondary/ Composite

Energy rate

Adjusted Primary and

Secondary Energy rate *

Energy (upto the month)

Design Energy

Design Energy (Ex Bus)

Saleable DE (Ex-Bus)

Saleable Capacity Share

NCI

NI1

APER

APER

APER

APER

APER

APER

APER

APER

APER

APER

40.00

45.00

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

45.15 P/KWH

(A) Power Station-wise Energy Calculation upto the month (from APR-07 to SEP-07)

Scheduled Energy (MU)	PSCH	1532.842547
Free Energy (MU)	PPP	185.440295
Saleable Energy (MU)	PSLE	1347.402252
Primary Energy (MU) [Min(DESO,PSCH)]	PPE	1387.448400
Secondary Energy (MU) [PSCH - PPE]	PSE	145.394147
Free Power pertaining to PE (MU) *2	PPFPE	167.850795
Free Power pertaining to SE (MU) *3	PPPSE	17.589500
Saleable Primary Energy (MU) [PPE-PPFPE]	PSLPE	1219.597605
Saleable Secondary Energy (MU) [PSE-PPPSE]	PSLSE	127.804647

Primary/Composite Energy Charges (Rs)	PPL	1,038,487,361
Secondary Energy Charges (Rs)	PSEC	108,825,657
Capacity Charges (Rs) *4	PCC	2,624,025,383
Incentive (Rs) *5	PINC	324,792,559
Income Tax (Rs)	PIT	47,835,000
Total Charges (Rs.)	PTC	4,143,965,760

(B) Beneficiary-wise Power Calculation (in MU)

Description		Upto Aug'07	Upto Sep'07	Sep'07
1 Scheduled Energy (MU)	BSCH	171.869800	211.511768	39.641968
2 Saleable Energy (MU)	BSLE	171.869800	211.511768	39.641968
3 Sal.Primary Energy (MU) [BSLE/PSLE*PSLPE]	BSLPE	153.982527	191.449321	37.466794
4 Sal.Sec.Energy (MU) [BSLE-BSLPE]	BSLSE	17.887273	20.062447	2.175174

(C) Bill Details for the Month of September 2007

Description	Upto Aug'07	Upto Sep'07	Sep'07
1 PRIMARY/COMPOSITE ENERGY CHARGES	131,316,122	163,019,097	31,902,975
2 SECONDARY ENERGY CHARGES	15,231,013	17,083,174	1,852,161
3 CAPACITY CHARGES	330,922,910	411,256,342	80,333,432
4 INCENTIVE	40,131,683	50,903,821	10,772,138
5 INCOME TAX	7,412,251	7,497,049	84,798
Total Charges	524,813,979	649,759,463	124,945,504
Amount due in this bill			124,945,504
Amount for the purpose of Rebate #			114,088,568

(D) Outstanding - Principal (Rs)

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	129,212,954	124,945,504	126855663	2357291		124,945,504

Total Outstanding 124,945,504

* If $AFC < (PSLPE + (ASLDESO - SLDESO)) \times PER/1000$, $APER = AFC/ASLDESO \times 1000$, otherwise APER is not applicable

* PRIMARY ENERGY CHARGES + CAPACITY CHARGES + SECONDARY ENERGY CHARGES

2 $PPP/PSCH \times PPE$

3 $PPP-PPFPE$

4 If $CCI > NCI$, $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable)/1000 \times $SLDESO/ASLDESO$, or else $(AFC - (PSLPE + (ASLDESO - SLDESO))) \times PER$ or $APER$ (as applicable)/1000 \times $SLDESO/ASLDESO \times CCI/NCI$

5 If $CCI > NI1$, $AFC \times .65 \times (CCI - NI1)/100 \times SLDESO/ASLDESO$, otherwise nil



Tehri Hydro Development Corporation Limited

(A Joint Venture of Govt. of India & Govt. of U.P.)

Commercial Deptt. Bypass Road, Rishikesh (U.A.) 249 201

Bill for Firm Energy Supplied from Tehri Hydroelectric Project in Northern Region

NAME & ADDRESS OF BENEFICIARY:
 Director Interstate Billing
 Punjab State Electricity Board
 220 KV Sub Station
 Ahlawat, Patiala

INVOICE FOR THE MONTH OF : Sept. 2007
 INVOICE NO : THDC/COMM/07-08/IRM / 114
 INVOICE TYPE : Provisional (Firm Energy Invoice)
 INVOICE DATE : 30 October, 2007

Fax No. 0175-2367490

Sl. No.	Particulars of Bill	Unit	TOTAL
1	Taxes	Crs.	
	(a) Annual Fixed Charges	P/KWH	
	(b) Rate for primary energy	P/KWH	
	(c) Rate for secondary energy		
2	Energy		
	(i) Energy Delivered	KWH	22152400
	(ii) Free Energy	KWH	
	(iii) Standby Energy	KWH	22152400
	(iv) Firm Energy	KWH	
	(v) Firm Energy	KWH	22152400
3	Fixed Charges		
4	Energy Charges		
	a) Inter energy @ Rs. 0.8140 / KWH	Rs.	
	b) Firm energy @ Rs. 2.50/KWH	Rs.	55381000 ✓
	TOTAL	Rs.	55381000
5	Capacity allocated (out of Avg. Declared capacity of 18000 MW/Day for the month)	MW/Day	85394533
6	Capacity charges @ Rs. 18000 per MW per day	Rs.	46113048 ✓
7	Index charges on account of Capacity Index	Rs.	
8	Force Majeure Rate Variation	Rs.	
9	Annual adjustment charges (Tax etc.)	Rs.	
10	Total Charges (4+6+7+8+9)	Rs.	101494048
11	Amount claimed	Rs.	
12		Rs.	
13	Amount due in this month (10-11-12)	Rs.	101494048
14	Amount due, if any	Rs.	
15	Amount due during the month	Rs.	
16	Amount due during the month	Rs.	
17	Amount due (13+14+15+16)	Rs.	101494048
18	Amount due in details (Late payment)	Rs.	
19	Amount due (17+18)	Rs.	101494048

Note: Energy Rate of 85.15 paise per unit for 2007-2008 has been taken from the minutes of 4th Sub-Commercial meeting on 15th June, 2007.

2. Provisional bill was fixed by CERC in its order dated 28th December 2006 on petition no. 63/2006 (Applicable from 31.03.07 & extended upto 31.12.07 by CERC letter dtd. 18.07.07), accordingly energy charges @ of Rs. 2.50/kwh on the scheduled energy and capacity charge has been taken as Rs. 55381000.

1% is allowed when full amount of the bill is paid within 03(three) days of receipt of bill. Thereafter, 1% is allowed if payment is released within one month of receipt of the bill. The late payment surcharge is as per CERC Regulations.

For and On Behalf of THDC

Sr. Manager (Commercial)



Bill for Energy Supplied from NHEP in Northern Region

Name & Address of Beneficiary
Chief Engineer (SO/C)
Punjab State Electricity Board
SLDC Building, 220 KV Sub-Station
Ablawal, Patiala-147001

Invoice No. & Date: C&SO/307/PNJB/07-08/83 dtd. 5.10.2007
Bill for the Month of: Sept., 2007 (On Two-part basis)
Type of Bill: Provisional

Sr. No.	Particulars of Bill	Unit	Total
1	Tariff		
	a) Primary Energy	P/KWH	85.15
	b) Secondary Energy	P/KWH	85.15
	c) Capacity Charges	Lac/MW/Mth	
2	Energy		
	i) Energy Delivered	KWH	97479225
	ii) Free Power	KWH	
	iii) Saleable Energy	KWH	
	a) Infirm Energy	KWH	
	b) Firm Energy	KWH	97479225
3	Fixed Charges (indicative)	Rs.	
4	Energy Charges	PKWH	
	a) Infirm Energy	Rs.	
	b) Firm Energy	Rs.	
	Total (a+b)	Rs.	88981347
5	Capacity Allocated	MW	
6	Capacity Charges	Rs.	
7	Incentive on a/c of Capacity Index	Rs.	
8	Foreign Exchange Rate Variation	Rs.	
9	Development Surcharge		
	a) Previous Balance	Rs.	
	b) Dev. S/C @ 5% (4b+6) for the year	Rs.	
10	Annual Adjustment Charges (tax, fbt etc.)	Rs.	41467666
11	Total Charges	Rs.	130449013
	(4c+6+7+8+9+10+11)		
12	Amount claimed	Rs.	
13	Rebate on L/C Payment	Rs.	
14	Amount Due in this month (11-12-13)	Rs.	
15	Previous Balance Due, if any	Rs.	-147245
16	Payment Received during the Month	Rs.	
16(a)	Rebate Allowed during month	Rs.	
17	Total Amount Due (14+15-16-16(a))	Rs.	
18	Surcharge Details (Late Payment)	Rs.	
19	Grand Total (17+18)	Rs.	130301768

Note: Rate of 85.15 paise/unit for 2007-08 has been approved by NRPC.

Rebate of 2.0% is applicable only when payment is released in one installment on presentation of the bill (within 3 days), otherwise it shall be 1% if payment is released within one month of issue of the bill. On FERV, FBT and Income Tax Payments, no rebate is applicable. Late payment surcharge as per CERC regulations Amendment dtd. June 1, 2006 is leviable after 60 days of issue of the bill, on all late payments of energy bill, FERV, FBT and Income Tax.

Bill Amount = Rs. 130301768/-

Rebate 2% = (-) Rs. 1810686/-

Payable Amount = 12,849,1082/-

Rs. twelve crore eighty four lakh a. ninety one thousand eight xi only)

Brsd 29/10/07
AN-51768-E

Signature
Sr. Manager (Comm. & Fin.)

9/10
00/158-1

AD-1
N. J. 16/10/07
पुब्लिकर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का एक उद्यम)
नरौरा परमाणु विद्युत गुंठ
राजिब रथल, नरौरा 202389 (पुल-पश्चिम)

DD-1
DD-II
DD-III
A.O.
SR. ASSTT.

NO. NAPS/ACCTS/B&C/200/1131

dated 05.10.2007

To

The Chief Engineer/SO&C,
(ISB Directorate) SLDC Building,
220 KV Sub Station, ABLOWAL
PSEB, PATIALA -147001 (Punjab)

2694
16/10/07

Subject: Energy Bill for power supplied from NAPS during SEPTEMBER-2007

Sir,

Enclosed please find herewith following Energy Bills:

Bill Number	Date	Month	Amount
5107RB433	05.10.2007	SEPTEMBER-2007 (DEBIT BILL)	14491155
5107RB501	05.10.2007	REA FOR THE MONTH OF AUGUST-2007	-213471
0		0	0
			0
TOTAL			14277684

Rupees One Crore FortyTwo Lakh SeventySeven Thousand Six Hundred EightyFour Only

The said bills have been raised based upon the provisional allocation received from NRPC for the month of September-2007 and REA for the month of August-2007

A copy of forwarding letter of payment may however, please be sent to undersigned for information please.

Thanking you,

Yours faithfully,

(S.M. MISHRA)
DY. G.M. (F&A)

5-5107RB483

SR ASSTT

NUCLEAR POWER CORPORATION OF INDIA LTD

NARORA ATOMIC POWER STATION 1&2

Bill for Sep'2007

Bill No 5107RB483

Bill Date 05/10/2007

PUNJAB STATE ELECTRICITY BOARD
(ISB DIRECTORATE) SLDC BUILDING, 220 KV SUB
STATION, ABLOWAL, PSEB, PATIALA-147001
(PUNJAB)
PATIALA-147001

Attention SH K K KHANNA, SR ACCT OFFICER

Due Date 11/10/2007

UNIT DETAILS

Unit	KWHs	Rate(Rs.)	Amount(Rs.)
UNIT-1&2-NAPS	7574698	1.8949	14353295
Total(Rs):			14,353,295

UNIT BASED ADJUSTMENTS

Unit	Adjustment Head	Rate(Rs.)	Amount(Rs.)
UNIT-1&2-NAPS	FUEL ADJUSTMENT CHARGES	0.0094	-71202
UNIT-1&2-NAPS	H W LEASE ADJUSTMENT CHARGES	0.0007	5302
UNIT-1&2-NAPS	Insurance Non-Nuclear Zone Property	0.0040	30299
UNIT-1&2-NAPS	Insurance for Terrorism	0.0027	20452
UNIT-1&2-NAPS	Insurance Non-Nuclear Zone Stock	0.0002	1515
UNIT-1&2-NAPS	DECOMMISSIONING CHARGES	0.0200	151494
Total(Rs):			137,860

GROSS BILL AMOUNT (Rs)

14,491,155

Amount in Words Rupees One Crore Forty Four Lakh Ninety One Thousand One Hundred And Fifty Five Only

Prepared By

Reviewed By

Bill Signatory

COPY TO

UNIT

Name S. M. MISHRA
Desig D.G.M. (F&A)
Address NARORA ATOMIC POWER STATION, PLANT
SITE, NARORA-202389
Fax 05734-222111
Phone

NPCIL CONTACT DETAILS

HEAD OFFICE

Name S. SUBRAMANIAM
Desig D.G.M(F&A)
Address 8TH FLOOR, NORTH WING, VIKRAM
SARABHAI BHAWAN, ANUSHAKTI NAGAR,
MUMBAI
Fax 022-25992839

NUCLEAR POWER CORPORATION OF INDIA LTD

NARORA ATOMIC POWER STATION 1&2

Aug-07

Unit Adjustment Bill

Bill No 5107ABU501

Original Bill Ref. No 5107RB457 Dated Oct'2007

Bill Date 05/10/2007

PUNJAB STATE ELECTRICITY BOARD
(ISB DIRECTORATE) SLDC BUILDING, 220 KV SUB STATION, ABLOWAL, PSEB,
PATIALA-147001 (PUNJAB)
PATIALA-147001

Attention Shri .SH K K KHANNA, SR
ACCT OFFICER

Due Date 11/10/2007

UNIT DETAILS

Unit	KWHs	Rate(Rs.)	Amount(Rs.)
UNIT-1&2-NAPS	111584	1.8949	-211441
Total:(Rs)			-211,441

FUND ADJUSTMENTS

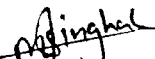
Unit	Description	Rate(Rs.)	Amount(Rs.)
UNIT-1&2-NAPS		0.0094	1049
UNIT-1&2-NAPS		0.0007	-78
UNIT-1&2-NAPS		0.0040	-446
UNIT-1&2-NAPS		0.0027	-301
UNIT-1&2-NAPS		0.0002	-22
UNIT-1&2-NAPS		0.0200	-2232
Total:(Rs)			-2,030

GROSS BILL AMOUNT(Rs.)

-213,471

Amount in Words

Rupees Two Lakh Thirteen Thousand Four Hundred And Seventy One Only
(NEGATIVE)


Prepared By


Reviewed By


Bill Signatory

Copy To


NPCIL Contact Details


UNIT		HEAD OFFICE	
Name	S. M. MISHRA	Name	S. SUBRAMANIAM
Desig	D.G.M. (F&A)	Desig	D.G.M(F&A)
Address	NARORA ATOMIC POWER STATION, PLANT SITE, NARORA-202389	Address	8TH FLOOR, NORTH WING, VIKRAM SARABHAI BHAWAN, ANUSHAKTI NAGAR, MUMBAI
Fax	05734-222111	Fax	022-25992839
Phone	05734-222111	Phone	022-25992839
E-Mail	smmishra@npcil.co.in	E-Mail	ssubramaniam@npcil.co.in

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
NARORA ATOMIC POWER STATION

CALCULATION OF FAC FOR THE MONTH OF SEPTEMBER, 2007

	<u>BASE RATE</u> #	<u>FUEL ADJUSTMENT CHARGES</u>
1. (i) Fuel Rate (per kg)	21828	21524
(ii) Heavy Water (per kg) make up	15648	15712
(iii) Heavy Water Lease	12645	12645
(iv) Lease Rate	9.29%	9.29%
2 (i) Fuel	67.35	66.41
(ii) Heavy Water lease Adjustment Charges	30.51	30.51
(iii) Heavy Water make-up	16.26	16.33
(iv) Fixed component	75.37	75.37
ENERGY CHARGES	189.49	188.62
3. Levies on account of		
(a) Decommissioning	2.00	2.00
4. Insurance Charges		
(a) Terrorism	At actual	0.27
(b) Non-Nuclear Zone- Property	At actual	0.40
(c) Non-Nuclear Zone- Stock	At actual	0.02
TOTAL ENERGY CHARGES	191.49	191.31


D.A.


ASSTT/DY. MANAGER (F&A)

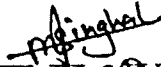
न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लिमिटेड

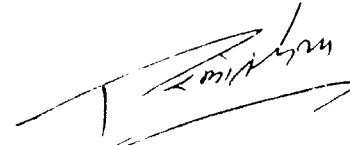
(भारत सरकार का उद्यम)

नरौरा परमाणु विद्युत गृह

सितम्बर, 2007 माह के लिए बिजली का प्रोविजनल बिल दिनांकित है :

SL. NO.	STATE	NARORA UNITS	RATE/P/UNIT	AMOUNT (In Rs.)
1	चंडीगढ़ (C.S.E.B)	1018433	1.9131	1948366
2	दिल्ली (B.Y.P.L)	1733692	1.9131	3316727
3	दिल्ली (B.R.P.L)	2773653	1.9131	5306277
4	दिल्ली (N.D.P.L)	1857163	1.9131	3552938
5	हरियाणा (H.P.G.C.L.)	4919287	1.9131	9411089
6	हिमाचल (H.P.S.E.B)	1656386	1.9131	3168832
7	जम्मू एवं कश्मीर (J&KSEB)	4453874	1.9131	8520706
8	पंजाब (P.S.E.B)	7574698	1.9131	14491155
9	जयपुर (JVVNL) - 36%	2234025	1.9131	4273914
10	अजमेर (AVVNL) - 36%	2234025	1.9131	4273914
11	जोधपुर (JDVVNL) - 28%	1737574	1.9131	3324152
12	उत्तर प्रदेश (UPPCL)	18150649	1.9131	34724007
13	उत्तरांचल (UPCL)	1934471	1.9131	3700836
	TOTAL	52277930	1.9131	100012913


सहायक इंज-2 (वि. एवं ले.)


सहायक प्रबन्धक (वि. एवं ले.)



LANCO ELECTRIC UTILITY LIMITED

Plot No.229, Udyog Vihar, Phase-1, GURGAON -122016
Tel: +91 -124 - 4691162/83/64, 4691000/01/02/03/04, Fax: +91 -124 -2345700/800, 4691111
Email: powertrading@lancogroup.com Website: www.lancogroup.com

Customer Name and Address

Chief Engineer (SO&C)
ISB Directorate
Punjab State Electricity Board
220 KV Sub Station
Abidnol, Patiala - 147 001
Tel: 0176 - 2367872, Fax 0175 - 2365340

Provisional Weekly Energy Bill

DD-1 ✓ 2614
DD-4
DD-11 31/10/07
A.O.
SST.
5%
FOR/ISB
Invoice No. EB -588 /2007-08
Date 01 October 2007
Due Date 07 October 2007

Transaction MeSEB - PSEB						
Date	OA Approval No.	Energy at MeSEB Periphery (MU)	Estimated MeSEB Losses (%)	Energy at NER Periphery (MU)	Unit Price (Rs / KWh)	Total Amount (Rs)
22-Sep-07	AP-1405-D	0.350000	3.60	0.337400	3.84	1,295,616.00
Total				0.337400		1,295,616.00

Rupees Twelve Lakhs Ninty Five Thousand Six Hundred And Sixteen Only

Please Note: 2% Prompt Payment Rebate on LEUL purchase cost if full payment is received in our bank account by date

07 October 2007

LEUL Purchase Price (Rs./KWh)	Quantum (MU)	LEUL Purchase Cost	Applicable Prompt Payment Rebate
3.80	0.337400	1,282,120.00	25,642.40
		Total	25,642.40

Amount payable on or before due date 7-Oct-07

1,269,973.60

Rupees Twelve Lakhs Sixty Nine Thousand Nine Hundred Seventy Three And Paise Sixty Only

Note: 1.25% surcharge applicable if payment is done after 30 days of Billing date

Bank A/C Details

Bank	DBI Bank Ltd.
A/C No.	011102000064966
Branch	Surya Kiran Bldg., 19 K.G. Marg, New Delhi - 110001
RTGS/IFSC Code	IBKL0000011

For LANCO ELECTRIC UTILITY LIMITED

Authorized Signatory

For further clarifications please contact at 9971695400

Bill Amount = 1295616/-
less Rebate 2% = 25642/-
Net Amt. payable = 12,69,974/-
(Rs Twelve Lacs sixty nine thousand & seventy four only)
4/10/07
AD-2/ISB



JSW Power Trading Company Limited

Upper Ground Floor, NBCC Tower,
15, Bhikai Cama Place, New Delhi - 110 006.

Phone : 011-41618673

Fax : 011-41618674

Website : www.jswn.in

To
Chief Engineer (SO & C)
Punjab State Electricity Board
Punjab State Load Despatch Centre
220 KV Grid Sub-station
ASLOWAL
Patna-147001
Fax no. 0175-2367450/3345340

Final Bill for September 2007 based on SR-REA (JSWFL Power)

Bill No.: JSWPTC / PSEB (JSWEL)/REA/Sep 2007

Bill Date: 24-Oct-07

Period of Supply: 01/09/2007 to 30/09/2007

Sl. No.	Particulars	Unit	Peak	Off-Peak	Total
1	Energy supplied during the month as per REA-SRPC at 40% (SRPC-REA extract enclosed)	kWh	12,499,308	38,174,308	50,673,600
2	Energy supplied during the month as per REA-SRPC at delivery point (considering KPTCL losses of 4.66%)	kWh	14,070,565	39,791,845	53,862,410
3	Amount to be paid by PSEB as per REA	Rs.			236,193,279
4	Less: Prompt payment discount @ 2% of bill amount (if payment is made on or before due date)	Rs.			4,723,866
5	Net Amount Payable by PSEB after 2% rebate according to REA (3-5)	Rs.			231,469,413
6	Energy Bill Paid for by PSEB during the month (after 2% rebate)	Rs.			Amount
a	JSWPTC / PSEB (JSWEL) / EN - 212 dtd.10.09.07	Rs.			64,276,789
b	JSWPTC / PSEB (JSWEL) / EN - 213 dtd.10.09.07	Rs.			1,570,935
c	JSWPTC / PSEB (JSWEL) / EN - 215 dtd.17.09.07	Rs.			45,400,088
d	JSWPTC / PSEB (JSWEL) / EN - 216 dtd.17.09.07	Rs.			5,334,531
e	JSWPTC / PSEB (JSWEL) / EN - 218 dtd.24.09.07	Rs.			34,582,605
f	JSWPTC / PSEB (JSWEL) / EN - 219 dtd.24.09.07	Rs.			6,053,862
g	JSWPTC / PSEB (JSWEL) / EN - 222 dtd.01.10.07	Rs.			24,412,873
	Total (a+b+c+d+e+f+g)	Rs.			231,632,883
7	Net Bill Amount to be paid by PSEB (6-B)	Rs.			163,470

You are requested to make payment in favour of JSW Power Trading Co. Ltd. Mumbai through Electronic Clearing System to JSW Power Trading Company Ltd. ICICI Bank's A/C no. 000403029196 at Nerul Branch, Mumbai.

For JSW Power Trading Company Ltd.

B. Singh
Rishi Singh
(Junior Manager)

Encl: SR-REA (Sep-07)
Energy Calculations

Bill Amount = Rs 236193279/-

Rebate = Rs 4723866/-

Payable Amount = Rs 231469413/-

Payment Already made = Rs 231632883/-

Payment to be made by JSW to PSEB = (-) Rs 163,470/-

Rs one lakh sixty three thousand four hundred seventy and

B. Singh
25/10/07

ADT/ISB-S



Part of O.P. Jindal Group

27/10/07
DD/ISB-I

Regd Office: Jindal Mansion,
5-A, Dr. G. Deshmukh Marg,
Mumbai - 400 028.
Phone : 022-2351 3000
Fax : 022-2352 6400


JSW Power Trading Company Limited

 Upper Ground Floor, NBCC Tower,
15, Bhikaiy Cama Place, New Delhi - 110 066.

 Phone : 011-41619673
Fax : 011-41619674
Website : www.jsw.in

 ADT *M. J. 11/10/07*

Provisional Energy Bill No: JSWPTC / PSEB (JSWEL) / EN - 222	Bill Date :	01-Oct-07
	Due Date :	07-Oct-07

To

 Chief Engineer (SO & C)
Punjab State Electricity Board
Punjab State Load Despatch Centre
220 Kv Grid Sub-Station, ASLOWAL
PATIALA - 147001
Fax: 0175 - 2367490

 DD-I
DD-II
DD-III
A.O.
SR. ASST.

2586
1-10-07
DIRECTOR/ISE

Period of Supply : From 24/09/2007 to 30/09/2007

Reference LOI No. S/58/657 Dated : 09.02.07

Sr.No.	Particulars	Unit	Peak	Off-Peak	Total
1	Total Energy Supplied during the Billing period : 24/09/2007 To 30/09/2007	kWh	3,204,000	9,468,000	12,672,000
2	80 % units of corridor booked (for 7 days) to be billed @4.54	kWh	3,057,600	8,274,800	11,332,400
3	Rate	Rs./kWh	4.60	4.52	
4	Balance units to be billed at @3.04	kWh	146,400	1,193,200	1,339,600
5	Rate	Rs./kWh	3.10	3.02	
6	Total Bill Amount	Rs.	14,516,800	41,005,560	55,524,360
	Rupees Five Crore Fifty Five Lakh Twenty Four Thousand Three Hundred and Sixty Only				
7	Less: Prompt payment discount @2% of bill amount (if payment is made on or before due date)	Rs.			1110487
8	Net Bill Amount (if payment is made on or before due date)	Rs.			54413873

You are requested to make payment in favour of JSW Power Trading Co. Ltd. Mumbai through Electronic Clearing System to JSW Power Trading Company Ltd. ICICI Bank's A/C no. 000405029195 at Nariman Point Branch, Mumbai

For JSW Power Trading Company Ltd.

R. Singh.

 Richa Singh
(JM - Power Trading)

V.P. (Power Trading)

Encl : 1. Energy Certificate

2. Calculations for 80% units of corridor booked (for 7 days)

Bill Amount - 5,55,24,360/-
Less Rebate 2% *11,10,487/-*
Net And Payable - 5,44,13,873/-


JINDAL

Part of O.P. Jindal

 Regd Office : Jindal Mansion,
5-A, Dr. G. Deshmukh Marg,
Mumbai - 400 026.
Phone : 022 - 2351 3000
Fax : 022 - 2352 6400

AD-1

25/9/07



INTERNATIONAL PVT LTD
FORMERLY KNOWN AS SUMEX ORGANICS PVT LTD

Address Shriyagar Estate, 'A' Block,
1st Floor, South Wing,
Dr. Annie Besant Road, Worli,
Mumbai-400018.

Telephone Board : +91-22-66637221
+91-22-66637222

Fax +91-22-66637224
+91-22-66637225

Email: sales@vinergy.co.in

Website www.vinergy.co.in

Ref.No.Power Trading/VIPL/No.19-10/2007

Date:25.09.07

The Chief Engineer -(System Operation)/PPM)
Punjab State Electricity Board-(PS&B)
The Mall,
Patiala-147001,
(Punjab)

2555
25/9/07

Fax.No: 0175-2365340

Dear Sir,

Please find enclosed bill for Provisional Energy Charges for 16.09.07 to 23.09.07.Against the above referred acceptance(Photo copy enclosed) as per details given below:-

Description	Bill No.	Amount	Remarks
Total Energy Charges	VIPL.Power Trading/PT-19-E10/2007	Rs. 47,88,296.00	Details As per Annexure-I Enclosed

Thanking You,

Yours Faithfully,
For Vinergy International Pvt.Ltd

S.P. VERMA
Vice President-(Power Trading)

Bill Amount = Rs 4885024/-
Debit 2% = Rs 96728/-
Payable Amount = Rs 47,88,296/-
(Rupees forty seven lacs eighty eight thousand two hundred ninety six only)

26/09/07
AD-V/ISK-I

26/9/07
DD/ISK-I

FAX NO. 0175-2367480/2365340

NTPC Vidyut Vyapar Nigam Limited

(A wholly owned subsidiary of NTPC)

3rd floor, Core-5, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi-110003.

Phone No.011-24363905, Fax, No.011-24362009

Energy Bill -Provisional

BRI No	NVVN/P/ NTPC/2007-08/PSEB/187		Date of issue	1-Oct-07		
Name of Customer:	PSEB		Due Date of Payment	7-Oct-07		
Address of Customer:	The Director/ISB ISB Directorate, SLDC building 220 Kv S/Stn., Ablawal Punjab State Electricity board Patiala		Period of supply	From	To	
			PPA/MOU Ref.	24-Sep-07	30-Sep-07	
Supplying	Region/Plant		Notherr/Easterr/Westerr/Southerr/NER Region			
S.N.	Supplier	Type	Energy/Swap/S.D.	Supply in KWh	Rate(Rs/KWh)	Amount(Rupees)
1	TNEB	Peak	Swap	0	0.03	0.00
2	TNEB	Off peak	Swap	0	0.03	0.00
3	MPPTC	Peak	Swap	4200000	0.03	126000.00
4	MPPTC	Off peak	Swap	22840000	0.03	685200.00
5	MeSEB	Off peak	Energy	0	2.74	0.00
6	TSECL	Off peak	Energy	0	2.94	0.00
7	KSEB	Off peak	Energy	0	3.74	0.00
8						
9						
10						
11						
12						
13	Total Energy			27040000		
Gross Amt. Rs eight lacs eleven thousand two hundred only.						
14	Less Rebate @ 2% for full payment received in our Bank Account by due date.					811200.00
15: Net amount if payment is received by the due date						16224.00
						794976.00

Note :The rebate shown in bill is due only in case the full payment is ensured by the due date.

The bill has been raised based on MOU signed between NVVN & PSEB on account of supply of power for the period as above and as per implemented energy drawal schedule of NERLDC/NRPC/WRLDC/SRLDC/ERLDC.

Kindly acknowledge the receipt of bill and send remittances to NVVN through RTGS(Real Time Gross Settlement System) for inter bank transfer to ensure timely/confirmed receipt of payment by NVVN and availability of rebate to you. Remittances may be made as per following bank details :

- 1 Banker
- 2 NVVN current account No
- 3 Branch Code
- 4 IFSC Code
- 5 Branch AGM

State Bank of Hyderabad, Pragati Vihar, Lodi Road, N Delhi
"52142903980"
"20511"

SBHY0020511

Sri. Ramesh Arya, PH.No. 011-24363527

Mobile : 09910043788

E & O E

For & on behalf on NVVN Ltd.

cc: 1. D.G.M (DD)AKP(SO)-KSB-NVVN

Bill Amt= Rs 811200 --

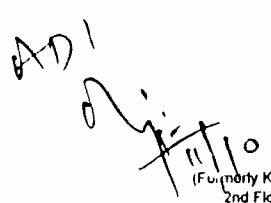
Rebate 2% = Rs 16224

Payable Amt= 794976

Rupees seven lacs ninety four thousand nine hundred twenty six

AD-01

11/10/07



(Formerly Known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCC Tower, 15, Bhikaji Cama, New Delhi-68
Phones: 011-41659500, 41859129 Fax: 011-41659144

5

10-Oct-07
ਮਾਈ ਨੰ 3677
ਮਿਤੀ 1/1/8/2
ਭਾਵਿ. ਮਾਈ. ਐਸ. ਡੀ. ਪੀ. ਰਾ. ਬਿ. ਬੀ.
ਅਬਲੋਕਾਤ ਪਟਿਆਲਾ।

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC

1. Invoice raised by SJVNL on PTC dated 05.10.2007
2. Advance Tax Calculation

Payable Amt - Rs 24,861.88/-

(Ames 100 cross forty eight thousand ¹³⁰⁴ ~~thousand~~ ^{thick} ~~thick~~ ^{int} ~~int~~ ^{one} ~~one~~ ^{thousand} ~~thousand~~ ^{eight} ~~eight~~ ^{only} ~~only~~)

[Signature]
11/10/07
AD B 1385-5

15/11/18




AD/ *Mit*

PTC INDIA LTD.

(Formerly Known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCC Tower, 15, Bhikaji Cama, New Delhi-110066
Phones: 011-41659500, 41659129 Fax: 011-41659144

INVOICE FOR INCOME TAX (FBT) 2007-08

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490,2365340		Invoice No. C/PTC/SJVNL/GBT/PSEB/JUL-SEP'07		Invoice Date: 10-Oct-07
		Subject: Energy supply from PTC		8/10/07 11/10/07 11/10/07
Particulars of Claim: Income Tax (FBT) recovered by SJVNL for the months of July-September'07				
Due date for deposit to PTC Account		17-Oct-07		
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Fringe Benefit Tax (FBT) on income generation of electricity, recovered by SJVNL from PTC, for the months of Jul-Sept'07 (as per calculation sheet attached) Inv. C&SO/307/HP-1/07-08/80 dtd.05.10.2007			230,444
	Invoice Value			230,444
Amount in words:Rs. Two Lakhs Thirty Thousand Four Hundred and Forty Four Only.				
			 (Authorised Signatory) (Tele No. : 011-41595173)	
Remarks: 1. Since this is a pass-through item, hence no rebate is to be deducted against this bill for FBT. 2. The payment is to be transferred by 17-Oct-07 to our Current Account No. 01110300000842 maintained in IDBI Bank. 3. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd", payable at Patiala.				

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Anurag Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Invoice raised by SJVNL on PTC dated 05.10.2007
2. Fringe Benefit Tax Calculation

Payable Amount - Rs 230444/-

(Rupees two lakhs thirty thousand four hundred forty four only)

Bul
11/10/07
AD-11/SSS

Mit
11/10/07
AD/SSS



PTC INDIA LTD.
(Formerly known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCC Tower, 13, Bhauka, New Delhi-68
Phone: 011-41559500, 41559129 Fax: 011-41059144

INVOICE FOR INCENTIVE FOR THE MONTH OF SEPTEMBER'07

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax: 0175-2367490, 2365340		Invoice No.: C/PTC/SJVNL/INCENTIVE/PSEB/SEP'07	Invoice Date: 10-Oct-07	
Subject: Energy supply from PTC		Particulars of Claim: Incentive recovered by SJVNL for the month of September 2007		
Due date for deposit to PTC Account:				
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Incentive on income generation of electricity, recovered by SJVNL from PTC for the month of September'07 (as per calculation sheet attached) Inv. C&SO/307/HP-I/07-08/67 dated 05.10.2007			-1,919,663
Invoice Value				-1,919,663
Amount in words: Rs. Nineteen Lakhs Nine Thousand Six Hundred and Sixty Three Only. (Negative)				
Remarks: 1. Since this is a pass-through item, hence no rebate is to be deducted against this bill for incentive. 2. The payment is to be transferred by to our Current Account No. 011103000000542 maintained in IDBI Bank. 3. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd", payable at Patiala.				

Copies to:

- Director (Inter State Billing), PSER.
- S.V.P. (Finance), PTC
- Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl:

- Invoice raised by SJVNL on PTC dated 05.10.2007
- Incentive Calculation

Amount Payable by PTC to PSEB = (-) Rs 1919663

(Rupees nineteen lakhs nineteen thousand six hundred and sixty three only)

11/10/07

AD II (J.S.R.S.)

DD/ISA-I



PTC INDIA LTD.
(Formerly Known as Power Trading Corporation of India Ltd.)
2nd Floor, NBCC Tower, 15, Connaught Place, New Delhi-66
Phones: 011-41659500, 41659129 Fax 011-41659144

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340	Invoice No. C/PTC/ HWB (RTC)/PSEB/SEP'07-Final	Invoice Date: 8-Oct-07
	Subject: Energy supply from PTC	

Particulars of Claim: Sale of HWB (RTC) power from PTC to PSEB for the period 1-Sep-07 to 30-Sep-07

Due date for deposit to PTC Account 15-Oct-07				
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified in REA by SRPC)	69.15614 69.06200	3.54	24,484,814
2	Less : Amount received against or Invoice			2,998,080
	1. C/PTC/HWB(RTC)/PSEB/WK-I/SEP-01 10.09.2007	8.64000		6,978,170
	2. C/PTC/HWB(RTC)/PSEB/WK-II/SEP-02 17.09.2007	20.11000		6,995,520
	3. C/PTC/HWB(RTC)/PSEB/WK-III/SEP-03 24.09.2007	20.16000		
3	Less: Rebate on above Invoices			60,480
	1. C/PTC/HWB(RTC)/PSEB/WK-I/SEP-01 10.09.2007			140,770
	2. C/PTC/HWB(RTC)/PSEB/WK-II/SEP-02 17.09.2007			141,120
	3. C/PTC/HWB(RTC)/PSEB/WK-III/SEP-03 24.09.2007			
Gross Invoice Value		20.25614		7,170,674

Amount in words: Rs. Seventy One Lakhs Seventy Thousand Six Hundred and Seventy Four Only.

Amount payable by PSEB on or before	15-Oct-07	7,028,881
Amount payable by PSEB after	15-Oct-07	7,170,574

Remarks:

1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 15-Oct-07 to our Current account no. 011103000000842 maintained in IDBI Bank.
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd". payable at Patiala.
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

- Copies to :**
1. Director (Inter State Billing), PSEB.
 2. S.V.P. (Finance), PTC
 3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-55. [Fax : 23512752]


- Encl.**
1. Certificate of Energy supplied by PTC
 2. REA by SRPC

corrected Bill Amount = 7123808
Less Rebate 2% on 24484814 = 489696
Net Amt Payable = 7123808 - 489696 = 6634112
Rs. Sixty Six Lakhs Thirty Four Thousand One Hundred and Twelve only
Date 15/10/07
Signature
15-10-07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340		Invoice No. C/PTC/HWB(RTC)/PSEB/WK-III/SEP-03		Invoice Date: 24-Sep-07	
		Subject: Energy supply from PTC			
Particulars of Claim: Sale of HWB (RTC) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07					
Date for deposit to PTC Account 1-Oct-07					
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount	
1	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	20.16000	3.54	7,136,640	
Gross Invoice Value		20.16000		7,136,640	
Amount in words: Rs. Seventy One Lakhs Thirty Six Thousand Six Hundred and Forty Only.					
Amount payable by PSEB on or before		1-Oct-07	6,995,520	 (Authorised Signatory) (Telephone No. - 011-41595173)	
Amount payable by PSEB after		1-Oct-07	7,136,640		
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.					

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Certificate of Energy supplied by PTC

Bill Amount = Rs 71,36,640/-

Rebate @ 2% = (-) Rs 141120/-

Payable Amount = 69,95,520/-

Amounts seventy nine lakh ninety five thousand five hundred and twenty only)

B. G. 25/09/07
 A. S. 15/08/07

26/9/07
 D. D. 15/08/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66
 Phones: 011-41659500, 41659129 Fax: 011-41659144

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340	Invoice No. C/PTC/TRIPURA (PEAK)/PSEB/SEP'07-Final Subject: Energy supply from PTC	Invoice Date: 17-Oct-07
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Particulars of Claim: Sale of TRIPURA (PEAK) power from PTC to PSEB for the period 01-Sep-07 to 30-Sep-07

Due date for deposit to PTC Account:

S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified in REA by NERPC)			
	For the period 01.09.2007 to 23.09.2007	10.91350	4.69	5,118,432
	For the period 24.09.2007 to 30.09.2007	1.01535	3.54	359,434
2	Less : Amount received against or Invoice			
	1. C/PTC/TRIPURA(PEAK)/PSEB/WK-I/SEP-01 10.09.2007	3.29460		1,514,527
	2. C/PTC/TRIPURA(PEAK)/PSEB/WK-III/SEP-02 24.09.2007	7.61890		3,502,408
	3. C/PTC/TRIPURA(PEAK)/PSEB/WK-IV/SEP-03 01.10.2007	1.01535		466,756
3	Less: Rebate on above invoices			
	1. C/PTC/TRIPURA(PEAK)/PSEB/WK-I/SEP-01 10.09.2007			30,640
	2. C/PTC/TRIPURA(PEAK)/PSEB/WK-III/SEP-02 24.09.2007			70,856
	3. C/PTC/TRIPURA(PEAK)/PSEB/WK-IV/SEP-03 01.10.2007			7,107
	Net Invoice Value	0.00000		-114,428

Amount in words: Rs. One Lakh Fourteen Thousand Four Hundred and Twenty Eight Only. (Negative)

(-) 116764	 PTC (Authorized Signatory) (Phone: 011-41659129)
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Remarks:

- Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before to our Current account no. 01110300000842 maintained in IDBI Bank.
- Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.
- For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay

Copies to:

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-55 [Fax : 23512752]

Encl.

- Certificate of Energy supplied by PTC
- REA by NERPC

Payable Amount by PTC to

PSEB is

(-) 11,41,28/2

C Rupees one lakh fourteen thousand four hundred and twenty eight only

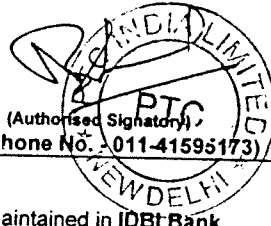
19/10/07

19/10/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490,2365340		Invoice No. C/PTC/TRIPURA(PEAK)/PSEB/WK-IV/SEP-03	Invoice Date: 1-Oct-07	
		Subject: Energy supply from PTC		
Particulars of Claim: Sale of TRIPURA, (PEAK) power from PTC to PSEB for the period 24-Sep-07 to 30-Sep-07				
Due date for deposit to PTC Account 8-Oct-07				
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Weekly Energy Bill for the period 24/09/07 to 30/09/07 (As per PTC certification of Energy)	1.01535	4.69	476,199
Gross Invoice Value		1.01535		476,199
Amount in words: Rs. Four Lakhs Seventy Six Thousand One Hundred and Ninety Nine Only.				
Amount payable by PSEB on or before		8-Oct-07	466,756	 (Authorized Signatory) (Telephone No. 011-41595173)
Amount payable by PSEB after		8-Oct-07	476,199	
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 8-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.				

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Certificate of Energy-supplied by PTC

Bill Amount = 476199/-
 Less Rebate 2% on 11.9443/-
 Net Amt Payable 466756/-
 [Rs. Four lac sixty six thousand seven hundred and fifty six only]
 AD → 11/5/08
 DD → 11/5/08

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-68.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490,2365340	Invoice No. C/PTC/TRIPURA(PEAK)/PSEB/WK-III/SEP-02 Subject: Energy supply from PTC	Invoice Date: 24-Sep-07
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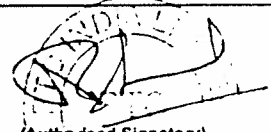
Particulars of Claim: Sale of TRIPURA (PEAK) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07

Due date for deposit to PTC Account

1-Oct-07

S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	7 61890	1.69	3,573,264
	Gross Invoice Value	7.61890		3,573,264

Amount in words: Rs. Thirty Five Lakhs Seventy Three Thousand Two Hundred and Sixty Four Only.

Amount payable by PSEB on or before	1-Oct-07	3,502,408	 (Authorized Signatory) (Telephone No. - 011-41595173)
Amount payable by PSEB after	1-Oct-07	3,573,264	

Remarks:

1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank.
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala.
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Copies to:

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N-Delhi-110055. [Fax : 23512752]

Encl.

Certificate of Energy supplied by PTC

Bill Amount = Rs 35,73,264/-

Rebate @ 2% = (-) Rs 70856/-

Payable Amount = Rs 35,02,408/-

Amount thirty five lakhs two thousand four hundred eight only)

1302
26/09/07
DD-11 / 5511-5

26/9
DD/5511-5

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66
Phones: 011-41659500, 41659129 Fax: 011-41659144

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

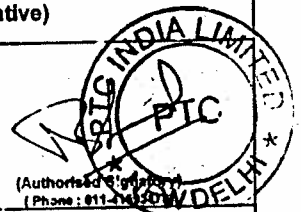
Chief Engineer/SO&C S.D.C Building 22L Kv Sub-Station Punjab State Electricity Board Ablowal, Patiala - 147001 Fax : 0175-2357490, 2365340	Invoice No. C/PTC/ TRIPURA (OP)/PSEB/SEP'07-Final	Invoice Date: 17-Oct-07
	Subject: Energy supply from PTC	

Particulars of Claim: Sale of TRIPURA (OP) power from PTC to PSEB for the period **01-Sep-07 to 30-Sep-07**

Due date for deposit to PTC Account

S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified in REA by NERPC) For the period (01.09.2007 to 23.09.2007) For the period (24.09.2007 to 30.09.2007)	40.51040 2.07905	4.29 2.94	17,378,962 611,241
2	<u>Less: Amount received against or Invoice</u> 1. C/PTC/TRIPURA(OP)/PSEBWK-I/SEP-01 10.09.2007 2. C/PTC/TRIPURA(OP)/PSEBWK-III/SEP-02 24.09.2007 3. C/PTC/TRIPURA(OP)/PSEBWK-IV/SEP-03 01.10.2007	16.53114 23.97928 2.07905		6,951,344 10,083,279 874,240
3	<u>Less: Rebate on above invoices</u> 1. C/PTC/TRIPURA(OP)/PSEBWK-I/SEP-01 10.09.2007 2. C/PTC/TRIPURA(OP)/PSEBWK-III/SEP-02 24.09.2007 3. C/PTC/TRIPURA(OP)/PSEBWK-IV/SEP-03 01.10.2007			140,515 203,824 12,058
	Net Invoice Value	0.00000		-275,057

Amount in words: Rs. Two Lakhs Seventy Five Thousand and Fifty Seven Only. (Negative)

**Remarks:**

- Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before to our Current account no. 011103000000842 maintained in IDBI Bank.
- Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.
- For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Copies to:

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sn. Asst. Shukla, IDBI Bank, CMS, 65 M.I. Road, Jhandewalan, N Delhi-55. [Fax : 23512752]

Encl.

- Certificate of Energy supplied by PTC
- REA by NERPC

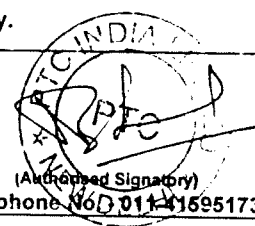
Payable Amount by PTC to PSEB

Cheques Two Lakhs seventy five thousand and fifty seven only
Rs 275057/-
19/10/07
AD-1/ISB-E
09/10/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490,2365340		Invoice No. C/PTC/TRIPURA(OP)/PSEB/WK-IV/SEP-03		Invoice Date: 1-Oct-07	
		Subject: Energy supply from PTC			
Particulars of Claim: Sale of TRIPURA (OP) power from PTC to PSEB for the period 24-Sep-07 to 30-Sep-07					
Due date for deposit to PTC Account 8-Oct-07					
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount	
1	Weekly Energy Bill for the period 24/09/07 to 30/09/07 (As per PTC certification of Energy)	2.07905	4.29	891,912	
Gross Invoice Value		2.07905		891,912	
Amount in words: Rs. Eight Lakhs Ninety One Thousand Nine Hundred and Twelve Only.					
Amount payable by PSEB on or before		8-Oct-07	874,240	 (Authorized Signatory) (Telephone No. 011-416595173)	
Amount payable by PSEB after		8-Oct-07	891,912		
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 8-Oct-07 to our Current Account No. 011103000090842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.					

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

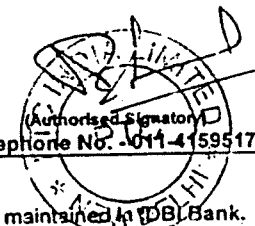
1. Certificate of Energy supplied by PTC

B.O Amount = 891912/-
 Less Rebate 2% on 17672/-
 Net Amt Payable = 8,74,240/-
 [Rs Eight Lacs seventy four thousand two hundred & forty only]
 AD-5/10/07
 DD-5/10/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340		Invoice No. C/PTC/TRIPURA(OP)/PSEB/WK-III/SEP-02		Invoice Date: 24-Sep-07
		Subject: Energy supply from PTC		
Particulars of Claim: Sale of TRIPURA (OP) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07				
Due date for deposit to PTC Account 1-Oct-07				
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	23.97926	4.29	10,267,103
Gross Invoice Value		23.97926		10,267,103
Amount in words: Rs. One Crore Two Lakhs Eighty Seven Thousand One Hundred and Three Only.				
Amount payable by PSEB on or before 1-Oct-07		10,083,279	 (Telephone No. 011-41595173)	
Amount payable by PSEB after 1-Oct-07		10,267,103		
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.				

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Certificate of Energy supplied by PTC

Bill Amount = Rs 10,267,103/-

Rebate @ 2% = Rs 203,229/-

Payable Amount = 10,063,874/-

(Rupees one crore eighty three thousand and two hundred seventy nine only)


[Signature]
 26/09/07
 AD-11/588-5

[Signature]
 26/9
 DD/588-5

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablowal, Patiala - 147001 Fax : 0175-2367490,2365340		Invoice No. C/I TC/KSEB(A&W-OP)/PSEB/WK-I/SEP-01		Invoice Date: 24-Sep-07
		Subject: Energy supply from PTC		
Particulars of Claim: Sale of KSEB (A&W-OP) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07				
Due date for deposit to PTC Account		1-Oct-07		
	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	66.50000	3.74	24,871.000
Gross Invoice Value		66.50000		24,871,000
Amount in words: Rs. Two Crores Forty Eight Lakhs Seventy One Thousand Only.				
Amount payable by PSEB on or before		1-Oct-07	24,378,900	 (Authorized Signatory) (Telephone No. - 011-41595173)
Amount payable by PSEB after		1-Oct-07	24,871,000	
Remarks:				
1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 01110300000842 maintained in IDBI Bank.				
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala.				
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.				

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

Certificate of Energy supplied by PTC

Bill Amount = Rs 2,48,71,000/-

Rebate @ 2% = Rs 49,21,00/-

Payable Amount: 2,43,78,900/-

(Receives two crore forty three lakhs seventy eight thousand nine hundred ninety)

1/10/07

10/10/07

26/9

200/588-5



PTC INDIA LTD.
 (Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, "NCC Tower, 15, Bhikaji Cama Place, New Delhi-66
 Phones: 011-41659500, 41659129 Fax: 011-41659144

DD-M
 DD-III
 A.O.
 SR. ASSTT.

DIRECTOR/SE

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340		Invoice No. C/PTC/HP GOVT./PSEB/SEP-07-Final		Invoice Date 3-Oct-07
Subject: Energy supply, from PTC				
Particulars of Claim: Sale of HP GOVT. power from PTC to PSEB for the period		1-Sep-07	30-Sep-07	
Due date for Credit to PTC Account 16-Oct-07				
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER 2007 (As certified in REA by NRPC)	976.51728	7.15	698,209,855
2	Less: Payment received as per our invoices			231,621,763
	1. C/PTC/HP GOVT./PSEBWK-I/SEP-01 10.09.2007	339.35010		148,885,812
	2. C/PTC/HP GOVT./PSEBWK-II/SEP-02 17.09.2007	212.45728		181,052,553
	3. C/PTC/HP GOVT./PSEBWK-III/SEP-03 24.09.2007	258.35862		116,312,690
	4. C/PTC/HP GOVT./PSEBWK-IV/SEP-04 01.10.2007	165.97604		
3	Less: Rebate allowed on above invoices			4,825,558
	1. C/PTC/HP GOVT./PSEBWK-I/SEP-01 10.09.2007			3,021,143
	2. C/PTC/HP GOVT./PSEBWK-II/SEP-02 17.09.2007			3,673,860
	3. C/PTC/HP GOVT./PSEBWK-III/SEP-03 24.09.2007			2,360,179
	4. C/PTC/HP GOVT./PSEBWK-IV/SEP-04 01.10.2007			
4	Less: Adjustment of Incentive for AUG'07			-6,184,722
5	Less: Adjustment of AUG'07-Final Invoice			-3,279
	Gross Invoice Value	0.37524		268,297
Amount in words: Rs. Two Lakhs Sixty Eight Thousand Two Hundred and Ninety Seven only.				
Amount payable by PSEB on or before		16-Oct-07	262,961	 (Authorised Signatory) (Tele No.: 011-41595173)
Amount payable by PSEB after		16-Oct-07	268,297	
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 16-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 7th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.				

Copies to:

1. Director (Intr: State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax: 23512752]

Encl.

1. Certificate of Energy supplied by PTC
2. REA of NRPC

Bill Amount. Rs 2,62,297/-
 Rebate 0.21% = Rs 5,436
 Payable Amount. Rs 2,62,297/-
 (Two Lakhs Sixty Two Thousand Nine Hundred and Ninety Seven only)

DD/ESBE

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C
 ILDC Building
 20 Kv Sub-Station
 Punjab State Electricity Board
 Patiala - 147001
 Fax : 0175-2367490, 2365340

Invoice No.
 C/PTC/HP GOVT./PSEB/WK-III/SEP-03

Invoice Date:
 24-Sep-07

Subject:
 Energy supply from PTC

Particulars of Claim: Sale of HP GOVT. power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07

Due date for deposit to PTC Account 1-Oct-07		Energy (LUs)	Rate (Rs/Kwh)	Amount
Description				
Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)		258.35862	7.15	184,726,413
		258.35862		184,726,413
Gross Invoice Value				

Amount in words: Rs. Eighteen Crores Forty Seven Lakhs Twenty Six Thousand Four Hundred and Thirteen Only.

Amount payable by PSEB on or before 1-Oct-07 181,052,553

Amount payable by PSEB after 1-Oct-07 184,726,413

- Remarks:**
- Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. (IFSC code YESB00000003)
 - Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala.
 - For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Copies to :

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Certificate of Energy supplied by PTC

Bill Amount = Rs 184,726,413 / ✓
 rebate @ 2% = Rs 36,94,528 / ✓

Payable Amount = 181,052,553 / ✓

Rs. eighteen crore four lakhs fifty two thousand five hundred fifty three only)

18/09/07
 A.O. 11/2005

26/9
 00/1585

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41619500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C
 SLDC Building
 220 Kv Sub-Station
 Punjab State Electricity Board
 Ablawal, Patiala - 147001
 Fax : 0175-2367490, 2365340

Invoice No.

C/PTC/HP GOVT./PSEBWK-IV/SEP-04

Invoice Date:

1-Oct-07

Subject:

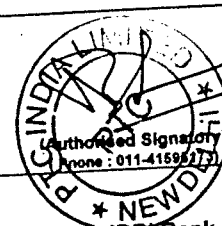
Energy supply from PTC

Particulars of Claim: Sale of HP GOVT. power from PTC to PSEB for the period 24-Sep-07 to 30-Sep-07

Date for deposit to PTC Account		8-Oct-07	
S.No.	Description	Energy (LUs)	Amount
1	Weekly Energy Bill for the period 24/09/07 to 30/09/07 (As per PTC certification of Energy)	165.97604	118,672,869
Gross Invoice Value		165.97604	118,672,86

Amount in words: Rs. Eleven Crores Eighty Six Lakhs Seventy Two Thousand Eight Hundred and Sixty Nine Only.

Amount payable by PSEB on or before	8-Oct-07	116,312,690
Amount payable by PSEB after	8-Oct-07	118,672,869

**Remarks:**

1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 8-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. (IFSC code YESB00000003)
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 7th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Copies to:

1. Director (Inter State Billing), PSEB.
2. P. (Finance), PTC
3. Sri. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

1. Certificate of Energy supplied by PTC

Bill Amount : 118,672,869/-
 Less Rebate 2% : 23,601,791/-
 Net Amt Payable : 116,312,690/-
 Rs Eleven Crores Sixty Three Lakhs Two Thousand Eight Hundred & Ninety Only
 AD = ISB
 q/c DD = ISB



(Formerly Known as Power Trac Corporation of India Ltd)
2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
Phones: 011-41659500, 41659129 Fax: 011-41659144

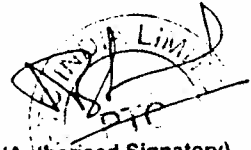
FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablowal, Patiala - 147001 Fax : 0175-2367490, 2365340	Invoice No. C/PTC/ MPCL/PSEB/SEP'07-Final	Invoice Date: 5-Oct-07
Subject: Energy supply from PTC		
Particulars of Claim: Sale of MPCL power from PTC to PSEB for the period 1 Sep-07 to 30-Sep-07		

Due date for deposit to PTC Account 12-Oct-07

S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified by NRPC)	291.82500	5.81	169,550,325
2	Less : Amount received against our Invoices 1.C/PTC/MPCL/PSEB/WK-I/SEP-01 12.09.2007 2.C/PTC/MPCL/PSEB/WK-II/SEP-02 19.09.2007 3.C/PTC/MPCL/PSEB/WK-III/SEP-03 27.09.2007	106.97000 60.12500 82.67000		60,915,136 34,238,782 47,077,258
3	Less: Rebate on above invoices 1.C/PTC/MPCL/PSEB/WK-I/SEP-01 12.09.2007 2.C/PTC/MPCL/PSEB/WK-II/SEP-02 19.09.2007 3.C/PTC/MPCL/PSEB/WK-III/SEP-03 27.09.2007			1,234,434 693,843 954,012
	Gross Invoice Value	42.06600		24,436,860

Amount in words: Rs. Two Crores Forty Four Lakhs Thirty Six Thousand Eight Hundred and Sixty only.

Amount payable by PSEB on or before	12-Oct-07	23,951,488	 (Authorised Signatory) (Phone : 011-41595173)
Amount payable by PSEB after	12-Oct-07	24,436,860	

Remarks:

- Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 12-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank.
- Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd". payable at Patiala.
- For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Copies to :

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Encl.

- Certificate of Energy supplied by PTC
- REA by NRPC

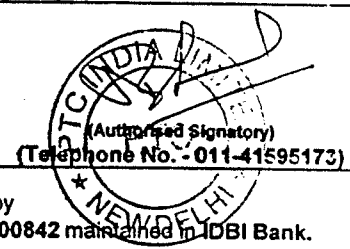
Bill Amount = Rs 24436860/-
Rebate @ 2% = Rs 488737.2/-
Payable Amount = Rs 23948122.80/-

(Rupees Two crore thirty nine lakhs fifty one thousand four hundred eighty eight only)

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-51659500, 51659129 Fax: 011-51659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Patiala - 147001 Fax : 0175-2367490,2365340		Invoice No. C/PTCMPCL/PSEBWK-III/SEP-03		Invoice Date: 27-Sep-07	
		Subject: Energy supply from PTC			
Particulars of Claim: Sale of MPCL power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07					
Due date for deposit to PTC Account		4-Oct-07			
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount	
1	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	82.67000	5.81	48,031,270	
Gross Invoice Value		82.67000		48,031,270	
Amount in words: Rs. Four Crores Eighty Lakhs Thirty One Thousand Two Hundred and Seventy Only.					
Amount payable by PSEB on or before		4-Oct-07	47,077,258		
Amount payable by PSEB after		4-Oct-07	48,031,270		
Remarks:					
1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 4-Oct-07 to our Current Account No. 01110300000842 maintained in IDBI Bank.					
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.					
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.					

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

En

1. Certificate of Energy supplied by PTC

Bill Amount : 48,031,270/-
 Less Rebate 2% : 9,60,625.40
 Net Amt Payable : 47,077,258/-
 Rs Four Crores Seventy Seven Lakhs and two thousand 758 (47,07,758/-)
 3/10/07
 AD - E / ISB

{Applicable for Implemented Schedule of NRLDC at HPSEB Periphery on 8th, 15th and 23th of every month only}

Annex III - A

Malana Power Company Limited

Calculation of Weekly Transferable Energy based on the Implemented Schedule of NRLDC at HPSEB's Periphery
for the Malana Hydro Electric Project (2x43 MW)

Based on Implemented Schedules of NRLDC as per Annexure 1 - 8

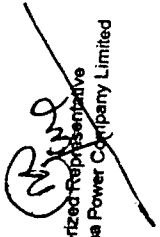
Implemented Schedules of NRLDC for the Weekly Period 16/09/2007 to 23/09/2007

Net Energy from the Malana Hydro Electric Project Scheduled at HP Outer Periphery as per NRLDC Implemented Schedule
and injected into the Central Transmission Utility System

Sr. No.	Date	Energy (Mwhr) Scheduled at HP Outer Periphery
1	September 16, 2007	940.00
2	September 17, 2007	1,070.00
3	September 18, 2007	1,126.50
4	September 19, 2007	1,248.50
5	September 20, 2007	1,128.50
6	September 21, 2007	1,070.00
7	September 22, 2007	856.50
8	September 23, 2007	827.00
	Total	8,267.00

Total Transferable Energy Exported by HPSEB to PSEB on account of MPCL at
the outer periphery of Himachal Pradesh for the weekly period of 16th September to 23rd September, 2007 =

9267000 MWh


Authorized Representative
Malana Power Company Limited




CERTIFICATE OF ENERGY SUPPLIED TO PSEB FROM MPCL

NO. PTC/MPCL/PSEB/WEEK/ III

Dated : 27.09.2007

- 1 Period from : 16.09.2007 to 23.09.2007
- 2 Energy from MALANA scheduled to PSEB
as submitted by MPCL vide letter dtd. 27.09.2007
computed by MALANA from the schedule of NRLDC
16.09.2007 to 23.09.2007
82.67000 Lus
- 3 Energy to be billed on Provisional basis
82.67000 Lus

This is subject to adjustment after receipt of
NR's Energy Account for the month of September '2007

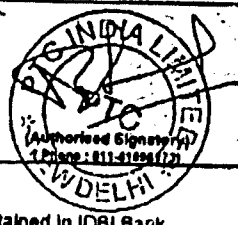

Manager(Shift)
Fax No.011- 41659142

27-9-07

**PTC INDIA LTD.**

(Formerly known as Power Trading Corporation of India)
2nd Floor, NBCC Tower, 15, Bhikaiji Cama Place, New Delhi-60
Phones: 011-41659500, 41650129 Fax: 011-41659144

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax: 0175-2367490, 2365340		Invoice No. C/PTC/CESC (NIGHT)/PSEB/SEP'07-Final - 8655		Invoice Date: 8-Oct-07	
		Subject: Energy supply from PTC		879507	
Particulars of Claim: Sale of CESC (NIGHT) power from PTC to PSEB for the period 14-Sep-07 to 30-Sep-07					
Due date for deposit to PTC Account		15-Oct-07			
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount	
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified in REA by ERPC)	99.37920	3 79	37,884,717	
2	Less: Amount received against or Invoice				
	1. C/PTC/CESC(NIGHT)/PSEB/WK-I/SEP-01 10.09.2007	19.12320		7,104,269	
	2. C/PTC/CESC(NIGHT)/PSEB/WK-II/SEP-02 17.09.2007	21.12000		7,846,080	
	3. C/PTC/CESC(NIGHT)/PSEB/WK-III/SEP-03 24.09.2007	29.56800		10,984,512	
3	Less: Rebate on above invoices				
	1. C/PTC/CESC(NIGHT)/PSEB/WK-I/SEP-01 10.09.2007			143,424	
	2. C/PTC/CESC(NIGHT)/PSEB/WK-II/SEP-02 17.09.2007			158,400	
	3. C/PTC/CESC(NIGHT)/PSEB/WK-III/SEP-03 24.09.2007			221,760	
Gross Invoice Value		29.56800		11,206,272	
Amount in words: P.s. One Crore Twelve Lakhs Six Thousand Two Hundred and Seventy Two Only.					
Amount payable by PSEB on or before		15-Oct-07	10,984,512		
Amount payable by PSEB after		15-Oct-07	11,206,272		
Remarks:					
1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 15-Oct-07 to our Current account no. 011103000000842 maintained in IDBI Bank.					
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.					
3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.					

Copies to:

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-55. [Fax: 23512752]

Encl.

1. Certificate of Energy supplied by PTC
2. REA by ERPC

Bill Amount = Rs 11,206,272/-
Rebate @ 2% = (-) Rs 221,760/-
Payable Amount = Rs 10,984,512/-

(Rupees one crore nine lakh eighty four thousand five hundred and twelve only)

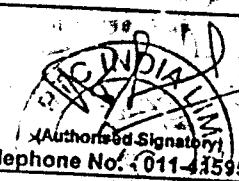
AD-9/ISB-I

DD/ISB-I

PTC INDIA LTD.

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Abdawal, Patiala - 147001 Fax : 0175-2367490, 2365340		Invoice No. C/PTC/CESC(NIGHT)/PSEB/WK-III/SEP-03		Invoice Date: 24-Sep-07	
		Subject: Energy supply from PTC			
Particulars of Claim: Sale of CESC (NIGHT) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07					
Due date for deposit to PTC Account 1-Oct-07					
S No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount	
	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	29.56800	3.79	11,206,272	
Gross Invoice Value		29.56800		11,206,272	
Amount in words: Rs. One Crore Twelve Lakhs Six Thousand Two Hundred and Seventy Two Only.					
Amount payable by PSEB on or before		1-Oct-07	10,984,512	 (Authorized Signatory) (Telephone No. 011-416595173)	
Amount payable by PSEB after		1-Oct-07	11,206,272		
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.					

Copies to :

1. Director (Inter State Billing), PSEB.
2. S.V.P. (Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

Incl.

Certificate of Energy supplied by PTC

Bill Amount = Rs 11,206,272/-

Rebate @ 2% = Rs. 22,41,254/-

Payable Amount = Rs 10,984,512/-

One crore nine lakhs eighty four thousand five hundred

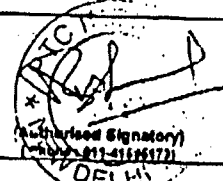
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20/09/07
20/09/07

26/9
00/09/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66.
 Phones: 011-41659500, 41659129 Fax: 011-41659144

FINAL INVOICE FOR THE MONTH OF SEPTEMBER 2007

Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax : 0175-2367490, 2365340		Invoice No. C/PTC/CESC (SUN-OP)/PSEB/SEP-07-Final		Invoice Date: 8-Oct-07
		Subject: Energy supply from PTC		
Particulars of Claim: Sale of CESC (SUN-OP) power from PTC to PSEB for the period 1-Sep-07 to 30-Sep-07				
Due date for deposit to PTC Account		15-Oct-07		
S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As certified in REA by ERPC)	23.61600	3.04	7,179,264
2	Less : Amount received against our Invoices			
	1. C/PTC/CESC(SUN-OP)/PSEB/WK-IV/SEP-01 10.09.2007	4.72320		1,407,514
	2. C/PTC/CESC(SUN-OP)/PSEB/WK-IV/SEP-02 17.09.2007	4.72320		1,407,514
	3. C/PTC/CESC(SUN-OP)/PSEB/WK-III/SEP-03 24.09.2007	9.45520		2,817,850
3	Less : Rebate allowed on above Invoices			
	1. C/PTC/CESC(SUN-OP)/PSEB/WK-I/SEP-01 10.09.2007			28,339
	2. C/PTC/CESC(SUN-OP)/PSEB/WK-II/SEP-02 17.09.2007			28,339
	3. C/PTC/CESC(SUN-OP)/PSEB/WK-III/SEP-03 24.09.2007			56,731
Gross Invoice Value		4.71440		1,433,177
Amount in words: Rs. Fourteen Lakhs Thirty Three Thousand One Hundred and Seventy Seven Only.				
Amount payable by PSEB on or before		15-Oct-07	1,404,891	
Amount payable by PSEB after		15-Oct-07	1,433,177	
Remarks: 1. Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 15-Oct-07 to our Current account no. 011103000000842 maintained in IDBI Bank. 2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd" payable at Patiala. 3. For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.				

Copies to:

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-55. (Fax: 23512752)

Encl.

- Certificate of Energy supplied by PTC
- REA by ERPC

Bill Amount = Rs 14,33,177/-

Rebate @ 2% = (-) Rs 28,286/-

Payable Amount = Rs 14,04,891/-

(Rupees fourteen lakhs four thousand eight hundred ninety one only)

10/10/07
 D-TJ / I 815 - E

10/10/07
 D-TJ / I 815 - E

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66
 Phones: 011-41659500, 41659129 Fax: 011-41659144

WEEKLY INVOICE

Chief Engineer/SO&C
 ILDC Building
 20 Kv Sub-Station
 Punjab State Electricity Board
 Ambowal, Patiala - 147001
 Fax : 0175-2367490, 2365340

Invoice No.
 C/PTC/CESC(SUN-OP)/PSEB/WK-III/SEP-03

Invoice Date:
 24-Sep-07

Subject:
 Energy supply from PTC

Particulars of Claim: Sale of CESC (SUN-OP) power from PTC to PSEB for the period 16-Sep-07 to 23-Sep-07

Due date for deposit to PTC Account

1-Oct-07

S.No.	Description	Energy (LUs)	Rate (Rs/Kwh)	Amount
1	Weekly Energy Bill for the period 16/09/07 to 23/09/07 (As per PTC certification of Energy)	9.45520	3.04	2,874,381
Gross Invoice Value		9.45520		2,874,381

Amount in words: Rs. Twenty Eight Lakhs Seventy Four Thousand Three Hundred and Eighty One Only.

Amount payable by PSEB on or before 1-Oct-07 2,817,650

Amount payable by PSEB after 1-Oct-07 2,874,381

(Authorised Signatory)
 (Telephone No. - 011-41535173)

Notes:

Rebate of 2% on purchase price of PTC will be allowed only if the payment is deposited by PSEB in full on or before 1-Oct-07 to our Current Account No: 01110300000842 maintained in IDBI Bank.

Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.

For the energy supplied during the month, a surcharge of 15% per annum shall be applied on all payments outstanding after the 30th day of receiving PTC's relevant bill. This surcharge would be calculated on a day to day basis for each day of the delay.

Sends to:

Director (Inter State Billing), PSEB.

V.P. (Finance), PTC

M. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi-110055. [Fax : 23512752]

of Energy supplied by PTC

bill amount = Rs 28,74,381/-

Rebate 2% = (-) Rs 56,731/-

Payable Amount = Rs 28,17,650/-

Twenty eight lakh seven thousand three hundred and eighty one only

M.A.

5/10/07

5/10/07

5/10/07

5/10/07

**PTC INDIA LTD.**

(Formerly Known as Power Trading Corporation of India Ltd.)

2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-68
Phones: 011-41659500, 41659129 Fax: 011-41659144**PROVISIONAL MONTHLY INVOICE FOR SEPTEMBER 2007**2604
31/10/07

Chief Engineer/SO&C

SLDC Building

220 Kv Sub-Station

Punjab State Electricity Board

Ablowal, Patiala - 147001

Fax : 0175-2367490, 2365340

Invoice No.

C/PTC/TALA/PSEB/SEPTEMBER'07-PROV A.O.

Invoice Date:

1-Oct-07

Subject:

Energy supply from PTC

Particulars of Claim: Sale of TALA power from PTC to PSEB for the period

1-Sep-07 to 30-Sep-07

S.No.	Description	Energy (MUs)	Rate (Rs/Kwh)	Amount
1	Provisional Energy Bill for the month of SEPTEMBER' 2007 (As per implemented schedule of ERLDC)	17.802229	1.84	32,756.101
	Gross Invoice Value	17.802229		32,756,101

Amount in words: Rs. Three Crores Twenty Seven Lakhs Fifty Six Thousand One Hundred and One Only.

Amount Payable on	6-Oct-07	8,144,520
Amount Payable on	13-Oct-07	8,144,520
Amount Payable on	18-Oct-07	8,144,520
Amount Payable on	23-Oct-07	8,144,520

**Remarks:**

1. Rebate of 1paise per Kwh for the energy paid shall be allowed only if the payment is deposited by PSEB on the due dates as mentioned above to our Current account No. 000381300001212 maintained at YES Bank
2. Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of " PTC India Ltd." payable at Patiala.
3. In case of default in payment of bills by PSEB beyond a period of 30 days from the date of issue of bills, a late payment surcharge @ 1.25% per month shall be levied on the amount of the bill(s) for the period of non-payment beyond the due date.

2nd = 8189025 44505-8144520
 3rd = 8189025 44505-8144520
 4th = 8189026 44507

Copies to:

1. Director (Inter State Billing), PSEB
2. S.V.P. (Finance), PTC
3. Sh. Hitender Sachdeva, CMS Delhi, YES Bank, LTD 48, Nyaya Marg, Chanakya Puri, New Delhi 110021

Encl.

1. Certificate of Energy supplied by PTC

Part Amount - 32,756,101/-
 17,802,229/-
 Net Amount Payable - 32,756,101/-
 PSEB has created twenty five Lacs security
 for the amount of 2.50 Lakhs, genuine only
 23/10/07
 AD-2/ISA
 DD-2/ISA 8/10



PTC INDIA LTD.
(Formerly Known as Public Trading Corporation of India Ltd.)
2nd Floor, NCC Tower, 15, Ring Road, Conna Place, New Delhi-66.
Phones: 011-41659500, 41659129 Fax: 011-41659144

DD-I
DD-II
DD-III
A.O.
SR. ASSTT.

1/3

FINAL MONTHLY INVOICE FOR SEPTEMBER 2007

Chief Engineer/SO&C
SLDC Building
220 Kv Sub-Station
Haryana State Electricity Board
Abawal, Patiala - 147001
Fax : 0176-2367490, 2366340

Invoice No.
C/PTC/TALA/PSEB/SEPT'07-FINAL

DIRECTOR/SEB
Patiala
5 Oct-07

Subject:
Energy supply from PTC

Particulars of Claim: Sale of TALA power from PTC to PSEB for the period 1-Sep-07 to 30-Sep-07

Amount to be adjusted while releasing payment on		23-Oct-07		
S.No.	Description	Energy (MUs)	Rate (Rs/Kwh)	Amount
1	Final Energy Bill for the month of SEPTEMBER' 2007 (As per REA of ERPC)	17.244584	1.84	31,730,035
2	Less : Energy already billed 1.C/PTC/TALA/PSEB/SEPTEMBER'07-PROV 01.10.2007	17.502229	1.84	32,756,101
	Gross Invoice Value	-0.657645		-1,026,066

Amount in words: Rs. Ten Lakhs Twenty Six Thousand and Sixty Six Only. (Negative)

(Authorised Signatory)
(Phone No.-011-41659173)

Remarks:

- Rebate of 1paise per Kwh for the energy paid shall be allowed only if the payment is deposited by PSEB on the due dates as mentioned above
- Payment may be released by crossed Demand Draft/Pay order/Cheque in favour of "PTC India Ltd." payable at Patiala.
- In case of default in payment of bills by PSEB beyond a period of 30 days from the date of issue of bills, a late payment surcharge @ 1.25% per month shall be levied on the amount of the bill(s) for the period of non-payment beyond the due date.

Copies to :

- Director (Inter State Billing), PSEB.
- S.V.P. (Finance), PTC
- Sh. Hinder Sachdeva, CMS Delhi, YES Bank, LTD. 48, Nyaya Marg, Chanakya Pur, New Delhi 110021.

Encl.

- Certificate of Energy supplied by PTC
- REA by ERPC.

Bill Amount = (-) 1026066/-
Less Rebate @ 11/100 = + 5576/-
Net Amt Payable = (-) 1020490/-
(Receivable)
(The Negative To account only thousand)
found correct & ready only
10/10/07
DD-5/10/07



INSPIRING GROWTH

LANCO ELECTRIC UTILITY LIMITED

Plot No.229, Udyog Vihar, Phase-1, GURGAON -122018.

Tel : +91-124- 4691162/63, 4691000/01/02/03/04, Fax : +91-124 -2345700/800, 4691111

Email: powertrading@lancogroup.com Website: www.lancogroup.com

Trading Margin Bill

Customer Name and Address

Invoice No.

TMB - 682 / 2007-08

Date

1-Oct-07

Due Date

11-Oct-07

Chief Engineer (SO&C)

ISB Directorate

Punjab State Electricity Board

220 KV Sub Station

Ablowal, Patiala - 147 001

Tel: 0175 - 2367872, Fax 0175 - 2365340

DD# 2598
DD-III 31/10/07
A.O.
ASST.
DIRECTOR/ISB

BESCOM - PSEB (Firm Power) (AP- 0484)			
Date	Energy as per RLDC Website Data (MU)	Trading Margin (Rs/KWh)	Total Amount (Rs)
16-Sep-07	1.111500	0.03	33,345.00
17-Sep-07	1.111500	0.03	33,345.00
18-Sep-07	1.109600	0.03	33,288.00
19-Sep-07	1.111500	0.03	33,345.00
20-Sep-07	1.111500	0.03	33,345.00
21-Sep-07	1.067750	0.03	32,032.50
22-Sep-07	0.842250	0.03	25,447.50
23-Sep-07	0.547200	0.03	16,416.00
24-Sep-07	0.547200	0.03	16,416.00
25-Sep-07	0.547200	0.03	16,416.00
26-Sep-07	0.547200	0.03	16,416.00
27-Sep-07	0.547200	0.03	16,416.00
28-Sep-07	0.844200	0.03	25,323.00
29-Sep-07	0.585000	0.03	17,550.00
30-Sep-07	0.436400	0.03	13,092.00
Total	12.073200	0.03	362,196.00
Payable amount after 2% PPR (Rs.)			354,952.08
Rupees Three Lakhs Fifty Four Thousand Nine Hundred And Fifty Two Only			

Bank A/C Details

Bank	IDBI Bank Ltd
A/C No.	011102000064965
Branch	Surya Kiran Bldg., 19 K.G. Marg, New Delhi - 110001
IFSC Code	IBKL0000011

For LANCO ELECTRIC UTILITY LIMITED


 Authorised Signatory

For further clarifications please contact at 9971695400

Bill Amount = Rs 362,196/-

Rebate @ 2% = Rs 7243.9

Payable Amt = 354,952.10

(Rupees three lakh fifty four thousand nine hundred fifty two only)

1/10/07
4/11/07
AD-15/258-E


JSW Power Trading Company Limited

 Upper Ground Floor, NBCC Tower,
15, Bhikaji Cama Place, New Delhi - 110 066.

Phone : 011-41619673

Fax : 011-41619674

Website : www.jsw.in

Open Access Bill No.: JSWPTC /PSEB(JSWEL) / OA- 136

Bill Date : 26-Sep-07

Due Date : 1-Oct-07

 To,
Chief Engineer (SO&C)
Punjab State Electricity Board
Punjab State Dispatch Centre
220 KV Grid Sub-Station, ABLOWAL
Palsala-147001
Fax No. 0175-2357490

Bill for Open Access Charges

Reference: LOI no Acceptance from PSEB Dated: 02.07.07

Details of Open Access Payment made by JSWPTC to NRLDC

Appl No.	Approval No.	Transaction date	Quantum	Period	Amount
108-DA/JSWEL-PSEB/2007 dtd.21.09.07	NRLDC/OA/Sep-07/AP-1407-D Date-21.09.07	22.09.07	11-22 MW	00:00-24:00 Hrs	112350
Total					112,350

Open Access Charges beyond the Delivery Point payable by PSEB as per details above for supply of Power from JSWEL to PSEB for the period 22.09.07 are Rs. 112350/-

You are requested to make payment in favour of JSW Power Trading Co. Ltd. Mumbai through Electronic Clearing System to JSW Power Trading Company Ltd. ICICI Bank's A/C no. 000405020195 at Nariman Point Branch, Mumbai.

For JSW Power Trading Company Ltd.

 R. Singh
Rishi Singh
(Jr. Manager - Power Trading)

V.P. (Power Trading)

Encl:

1. Copy of Schedule of Payment from NRLDC
2. Proof of payment made by JSWPTC to NRLDC

Bill Amount Payable: 112350/-
 { Rs one Lactual & Hundred }
 { Three Hundred & Fifty only }
 DD # 1855/9
 DD # 1855/9



O.P. Jindal Group

 Regd Office : Jindal Mansion
S.A. Dr. G. Dashmukh Marg,
Mumbai - 400 026
Phone : 022-2351 3000
Fax : 022-2357 6400

7/8

**LANCO ELECTRIC UTILITY LIMITED**

Plot No. 229, Phase-1, Udyog Vihar

Gurgaon - 122016

TEL :- +91 124 4691162 /63 / 64

FAX +91 124 2345700/800 / 4691111

email: powertrading@lancogroup.com

web address: http://www.lancogroup.com

OPEN ACCESS BILL**Customer Name & Address**

Chief Engineer (SO & C),
ISB Directorate,
Punjab State Electricity Board,
220 KV Sub-station, Ablawal,
PATIALA - 147 001

Fax# 0175-2365340

Invoice No. 4264/2007-08

Invoice Dt. 1-Oct-07

DUE DATE 7-Oct-07

MONETARY TRANSACTION						
OA Date	TRANSACTION			OA Appr.	OA Appr.	Amount
	FROM	TO	ROUTE	Number	Date	Payable
22-Sep-07	MeSEB	PSEB	NER-ER-NR	1405-D	21-Sep-07	187,960.00
					TOTAL	187,960.00
Rupees One Lakh Eighty Seven Thousand Nine Hundred And Sixty Only						

Please Note: No rebate applicable on open access bills

BANK ACCOUNT DETAILS	
Bank	IDBI Bank
A/c No.	011102000064965
Branch	Surya Kiran Building, 19-K.G.Marg, New Delhi
MICR Code	000269000
IFSC/RTGS	IBKL 00000 11

for LANCO ELECTRIC UTILITY LIMITED

Shishir
Authorized Signatory

For further clarifications please contact 09394703017

Bill Amount Payable - 1,87,960/-
Rs one lac eighty seven thousand
nine hundred & sixty only
Ad 7/12SB



INSPIRING GROWTH

LANCO ELECTRIC UTILITY LIMITED,

Plot No.229, Phase -I, Udyog Vihar

Gurgaon

TEL :- +91 124 4691162 /63 / 64 FAX +91 124 2345700/800 / 4691111

email: leul@lancogroup.com, powertrading@lancogroup.com

web address: http://www.lancogroup.com

OPEN ACCESS BILL

Customer Name & Address

Invoice No. 4262/2007-08

Invoice Dt. 1-Oct-07

Chief Engineer (SO & C),
ISB Directorate,
Punjab State Electricity Board,
220 KV Sub-station, Ablowal,
PATIALA - 147 001

DUE DATE FOR PMT 7-Oct-07

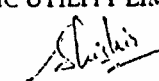
Fax# 0175-2365340

BANKING TRANSACTION						
OA Date	TRANSACTION			OA Appr. Number	OA Appr. Date	Amount Payable
22-Sep-07	BESCOM	PSEB	SR - ER - NR	1413-D	21-Sep-07	247,000.00
					TOTAL	247,900.00
Rupees Two Lakhs And Fourty Seven Thousand Only						

Please Note: No rebate applicable on open access bills

BANK ACCOUNT DETAILS	
Bank	IDBI Bank
A/c No.	011102000064965
Branch	Surya Kiran Building, 19-K.G.Marg, New Delhi
MICR Code	000259000
IFSC/RTGS	IBKL 00000 11


for LANCO ELECTRIC UTILITY LIMITED


Authorized Signatory

For further clarifications please contact 09394703017

Payable Amount = 247,900/-

(Two lakh fourty seven thousands only)


24/10/07
AD - II / ESB - I

vinergy
International pvt ltd
FORMERLY KNOWN AS EXIMEX ORGANICS PVT LTD

Address Shivesagar Estate, 'A' Block,
1st Floor, South Wing,
Dr. Annie Besant Road, Worli,
Mumbai-400018.

Telephone Board : +91-22-66537221
+91-22-66537222

Fax +91-22-66537224
+91-22-66537225

Email sales@vinergy.co.in

Website www.vinergy.co.in


The day ahead power is transacted from 15.09.07 to 22.09.07. Hence Total Open Access charges is as follows.


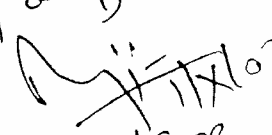
1. Open Access charges¹⁶
Bill From 15.09.07 to 22.09.07
(7 Days)

Total Amount is Rs.29960 x 7
= Rs.209720.00

Hence the bill for open Access charges to be paid by Punjab is Rs.209720.00
Thanking You.

For Vinergy International Pvt.Ltd


H.S.P. VERMA
Vice President-(Power Trading)

Bill Amount Payable = 209720/-
Rs. Two Lacs nine thousand
Seven Hundred & twenty only

AD-5/1258

AD-5/1258

AD-1 25/9/07

PTC INDIA LTD.
(Formerly Known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi-66
Phones: 011-41659500, 41659129 Fax: 011-41659144

2556
25/9/07


INVOICE FOR OPEN ACCESS CHARGES PAID TO NODAL RLDC

Engineer/SO&C Building Kv Sub-Station State Electricity Board Patiala - 147001 Phone: 2365340	Invoice No. C/PTC/KSEB/ NRLDC/PSEB/SEP-06	Invoice Date: 24-Sep-07
	Subject: OPEN ACCESS	
	Ref No. 3773D	22-Sep-07 to 22-Sep-07

Particulars of Claim: Charges Paid to NRLDC for Supply of KSEB Power to PSEB
 Date for deposit to PTC Account: 1-Oct-07

Description	Amount
Open Access Charges (As per Annexure)	199,250
Invoice Value	199,250

Amount in words: Rs. One Lakh Ninety Nine Thousand Two Hundred and Fifty Only


 Authorised Signatory
 (Tele : 011-41595123)

Notes:
 Payment is deposited by PSEB on or before 1-Oct-07
 to our Current account No. 011103000000842 maintained in IDBI Bank.
 Payment to be released by crossed Demand Draft/Payorder/Cheque in favour of "PTC India Ltd."
 payable at Patiala.

Pay to :
 Director (Inter State Billing), PSEB.
 VP(Finance), PTC
 Ashok Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi - 110055. [Fax : 23512752]

Copy of Schedule of Payment issued by NRLDC
 in lieu of Advance Payment made by PTC

Payable Amount = 1,99,250/-
 One Lakh ninety nine thousand two hundred

fifty only
 26/09/07
 11/558-5

26/9
 00/158-5

AD-1
25/9/07

PTC INDIA LTD.
(Formerly Known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi 66
Phones 011-41659500, 41659129 Fax 011-41659144

2557
25/9/07

INVOICE FOR OPEN ACCESS CHARGES PAID TO NODAL RLDC

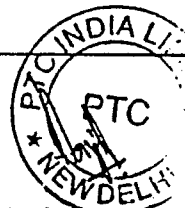
Chief Engineer/SO&C SLDC Building 220 Kv Sub-Station Punjab State Electricity Board Ablawal, Patiala - 147001 Fax: 0175-2365340	Invoice No. C/PTC/KSEB/ NRLDC/PSEB/SEP 07 Subject: OPEN ACCESS Ref No. 3776D	Invoice Date: 24-Sep-07
--	--	----------------------------

Particulars of Claim: Charges Paid to NRLDC for Supply of KSEB Power to PSEB 23-Sep-07 to 23-Sep-07

Due date for deposit to PTC Account 1-Oct-07

S.No.	Description	Amount
1	Open Access Charges (As per Annexure)	247,000
Invoice Value		247,000

Amount in words: Rs. Two Lakh Forty Seven Thousand Only



Authorised Signatory
(Tele : 011-41595123)

Remarks:

1. Payment is deposited by PSEB on or before 1-Oct-07 to our Current account No. 01110300000842 maintained in IDBI Bank.
2. Payment to be released by crossed Demand Draft/Payorder/Cheque in favour of "PTC India Ltd." payable at Patiala.

Copies to :

1. Director (Inter State Billing), PSEB.
2. Sr. VP(Finance), PTC
3. Sh. Ashutosh Shukla, IDBI Bank, CMS, 65 M M Road, Jhandewalan, N Delhi - 110055. [Fax : 23512752]

Encl.

1. Copy of Schedule of Payment issued by NRLDC
2. Statement of Advance Payment made by PTC

Payable Amount: Rs 247,000/-
(Rupees two hundred forty seven thousand only)

AD-1
25/9/07

DD/Iss. I
26/9/07

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 873	Claim Date :	21/9/07
Name & Address of Customer	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablowal, Punjab State Electricity Board, Patiala - 147001 FAX: 0176-2366074 / 2367490 / 2365340		Due Date:	28/9/07
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from TNEB to PSEB			
Sl.No.	Description of Claim			Amount (In Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of RTC power from TNEB to PSEB on the basis of day ahead approval from 19/09/07 to 21/09/07.			1090500

Amount in words:

Rupees Ten Lac Ninety Thousand Five Hundred Only.

Handwritten: Total Amount payable = 10,90,500/-
Rs Ten Lac ninety thousand and five hundred only
26/9/07

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited
[Signature]
Authorised Signatory

कै० एस० बन्धोपाध्याय
K.S. BANDYOPADHYAY
उप महाप्रबन्धक (सिस्टम ऑपरेशन)
Dy. General Manager (Sys. Operation)
NTPC VIDYUT VYAPAR NIGAM LTD
Core-5, 3rd Floor, Scope Complex,
Lodhi Road, New Delhi - 110 003

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365840.

- CC 1 : ADM (BD)
2 : DGM (SO) / VC
3 : CRM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369565, 24365602, Fax: 011-24362009, 24367021

1/2

AD-2 Nij 26/9 *DD-2*

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ <u>887</u>	Claim Date :	25/9/07
Name & Address of Customer		The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablowal, Punjab State Electricity Board, Patalla - 147001 FAX: 0170-2386074 / 2387490 / 2365340	Due Date:	2/10/07
			Approval Ref.:	Please refer annexure-I
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from TNEB to PSEB			
Sl.No.	Description of Claim			Amount (In Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of RTC power from TNEB to PSEB on the basis of day ahead approval on 22/09/07.			363500

Amount in words:

Rupees Three Lac Sixty Three Thousand Five Hundred Only.

Bill Amount Payable = 363500/-
Rs Three Lac sixty three thousand five hundred only
AD-2 Nij 26/9 *DD-2*

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited

K.S. BANDYOPADHYAY
Authorized Signatory

को एस० बन्धोपाध्याय
K.S. BANDYOPADHYAY
उप महाप्रबन्धक (वित्त एवं प्रशासन)
Dy. General Manager (vs. Operation)
NTPC VIDYUT VYAPAR NIGAM LTD.
Core-5, 3rd Floor, Scope Complex,
Lodhi Road, New Delhi - 110 003
M. 8068300423

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365640.

CC 1 : ADM (BD)
2 : DGM (SO) I/C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369565, 24365602, Fax: 011-24362309, 24367021

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES DIRECTOR/ISB

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 874	Claim Date :	21/9/07
Name & Address of Customer	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablawal, Punjab State Electricity Board, Patiala - 147001 FAX: 0175-2367490		Due Date:	28/9/07
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from KSEB to PSEB			
Sl.No.	Description of Claim			Amount (in Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of off-peak power from KSEB to PSEB on the basis of day ahead approval from 20/09/07 to 21/09/07.			1426000

Amount in words:

Rupees Fourteen Lac Twenty Six Thousand Only.

*Recd Amount Payable = 1426000/-
(Rs Fourteen Lac Twenty Six Thousand Only)
21/9/07
AD-2/ISB*

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited

Authorized Signatory
K.S. BANDYOPADHYAY
उप महाप्रबन्धक (सिस्टम ऑपरेशन)
Dy. General Manager (Sys. Operation)
NTPC VIDYUT VYAPAR NIGAM LTD.
Core-5, 3rd Floor, Scope Complex,
Lodhi Road, New Delhi-110003

Note : Payment may please be released by due date mentioned above. Payment after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365640.

- CC 1 : AGM (BD)
2 : DGM (SO) I/C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369565, 24365602, Fax: 011-24362009, 24367021

AD-5
26/9

27/9

DD-5

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 891	Claim Date :	25/9/07
Name & Address of Customer	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Abiwal, Punjab State Electricity Board, Patiala - 147001 FAX: 0175-2387490		Due Date:	2/10/07
			Approval Ref.:	Please refer annexure-I
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from KSEB to PSEB			
Sl.No.	Description of Claim			Amount (in Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of off-peak power from KSEB to PSEB on the basis of day ahead approval from 22/09/07 to 23/09/07.			960000

Amount in words:

Rupees Nine Lac Sixty Thousand Only.

Bill Amount Payable - 9,60,000/-

Rs Nine Lac Sixty Thousand Only

AD-5/ESB

DD-5/ESB

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited
Authorized Signatory

कै० ए० नन्दोपाध्याय
K.S. NANDYOPADHYAY

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142503980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365640.

CC 1 : AGM (BD)
2 : DGM (SO) I/C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369555, 24365602, Fax: 011-24362009, 24367021

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 889	Claim Date :	25/9/07
Name & Address of Customer	FAX:	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablowal, Punjab State Electricity Board, Patiala - 147001 0175-2367400	Due Date:	2/10/07
			Approval Ref.:	Please refer annexure-I
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from TSECL to PSEB			
Sl.No.	Description of Claim			Amount (in Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of Off -Peak power from TSECL to PSEB on the basis of day ahead approval from 22/09/07 to 23/09/07.			224240

Amount in words:

Rupees Two Lac Twenty Four Thousand Two Hundred Forty Only.

*Bill Amount payable = 224240/-
(Rs Two Lac twenty four thousand two hundred & forty only)
AD 2/10/07*

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited
Authorised Signatory

के० एस० बन्दीपाध्याय
K.S. BANDYOPADHYAY
उप महाप्रबन्धक (विद्युत आपूर्ति)
Dy. General Manager (Svs. Operation)
NTPC VIDYUT VYAPAR NIGAM LTD.
Core-5, 3rd Floor, Scope Complex,
Lodhi Road, New Delhi - 110 003
M-086939022

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 01 24365730, 24365640.

CC 1 : AGM (BD)
2 : DGM (SO) I/C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369565, 24365602, Fax: 011-24362009, 24367021

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

UD-I
DD-II
DD-III
A.O.

SR. ASSTT.

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 875	Claim Date :	DIRECTOR/ISB 21/9/07
Name & Address of Customer	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablowal, Punjab State Electricity Board, Patiala - 147001 FAX: 0175-2367490		Due Date:	28/9/07
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from TSECL to PSEB			
Sl.No.	Description of Claim			Amount (in Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of Off -Peak power from TSECL to PSEB on the basis of day ahead approval from 19/09/07 & 21/09/07.			198328

Amount in words:

Rupees One Lac Ninety Eight Thousand Three Hundred Twenty Eight Only.

Bill Amount Payable: 198,328/-

Rs one lac ninety eight thousand
three hundred & twenty eight only

26/9/07

AD-5/255

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited

को एस० बन्धुपद
Authorised Signatory

K.S. BANDYOPADHYAY

उप महाप्रबन्धक (सिस्टम ऑपरेशन)

Dy. General Manager (Sys. Operation)

NTPC VIDYUT VYAPAR NIGAM LTD.

Core-5, 3rd Floor, Scope Complex

Lodhi Road, New Delhi - 110 003

M. 9668390423

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365640.

- CC 1 : AGM (BD)
2 : DGM (SO) I/C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364776, 24369565, 24365602, Fax: 011-24362009, 24367021

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2723
14-9-07
17/9

NTPC Vidyut Vyapar Nigam Limited
(A wholly owned subsidiary of NTPC)

CLAIM FOR REIMBURSEMENT OF OPEN ACCESS CHARGES

Claim No.:	2007-08/	CC/NVVN/OA/09/PSEB/ 062	Claim Date :	14/9/07
Name & Address of Customer	The Director / ISB, ISB Directorate, SLDC Building, 220 KV Sub Station, Ablawal, Punjab State Electricity Board, Patiala - 147001 FAX: 0175-2366074 / 2367490 / 2365340		Due Date:	21/9/07
Particulars of claim:	Reimbursement of Open Access Charges for supply of power from MeSEB to PSEB			
Sl.No.	Description of Claim:			Amount (in Rupees)
1	Amount deposited with NRLDC towards Open Access Charges for the supply of off-peak power from MeSEB to PSEB on the basis of day ahead approval from 12.09.07 to 14.09.07.			311080

Amount in words:

Rupees Three Lac Eleven Thousand and Eighty Only.

Bill Amount payable: 311080/-
Rs Three lac eleven thousand & eighty only
12/9/07
AD-5 12/9/07

For & on behalf of
NTPC Vidyut Vyapar Nigam Limited
K.S. BANERJEE
Dy. General Manager (Sys. Operation)
NTPC VIDYUT VYAPAR NIGAM LTD.
Core-5, 3rd Floor, Scope Complex,
Lodhi Road, New Delhi - 110 003
M. 9068390423

Note : Payment may please be released by due date mentioned above. Payment made after due date will attract surcharge from due date.

Payment may please be remitted to NVVN through RTGS, Current Account No. 52142903980 with State Bank of Hyderabad, Branch Code-020511, IFSC Code - SBHY0020511, Pragathi Vihar, Lodhi Road, New Delhi-110003. The Fax/ Phone No. of DGM SBH are : 011-24362566, 24366736, Telephone No. 011-24365730, 24365640.

- CC 1 : AGM (BD)
2 : DGM (SO) /C
3 : CFM

NTPC, 3rd Floor, Core-5, Scope Complex, 7 Institutional Area, Lodhi Road, New Delhi-110003
Tel : 011-24364775, 24369565, 24365602, Fax: 011-24362009, 24367021

o/c.

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PUNJAB STATE ELECTRICITY BOARD
REVISED PLAN FUNDS ALLOCATION FOR THE YEAR 2007-08

(Rs. in lacs)			
Sr. No.	Name of Scheme / Project & Concerned HOD's	Internal Funds Allocation	Remarks
A	GENERATION		
1	Shahpurkandi HEP (168 MW) CE/Civil (IB)	5000.00	Expenditure not to be incurred till loan for project is tied up with REC/PFC.
2	Mukerian HEP-II (18 MW) (CE/Hydel) (CE/Civil)	1000.00 500.00	
	Total	1500.00	
3	Micro Hydel Scheme at GGSSTP Ropar (CE/Civil)	350.00	
4	GHTP Stage-II Lehra Mohabbat (2x250 MW) (CE/Thermal Design)	38800.00	For covering price variation and IDC expenditure during 2007-08.
5	(a) Nabha Thermal Plant (1200 MW) (b) Talwandi Sabo (Banwala) Thermal Plant (1800 MW)	80000.00*	For initial purchase of land of both projects which are to be developed on BOO basis & the same will be recovered from developer(s) later on. (See foot note 4 on Sheet-III)
6	RENOVATION & MODERNISATION		
i	GNDTP, Phase-II, Bathinda (CE/O&M, GNDTP)	130.00	Spill over work.
ii	GNDTP Unit-I & II based on RLA Study Report (CE/O&M, GNDTP)	2500.00	
iii	GNDTP Unit-III & IV based on RLA Study Report (CE/O&M, GNDTP)	15000.00	
iv	GGSSTP Ropar Scheme-I under APDRP (CE/O&M, GGSSTP)	3045.00	Including T&P Items & Rs. 300 Lacs for Locomotive.
7	R&M of BBMB PROJECTS	925.00	
i	Ganguwal/Kotla Power Houses Phase-I&II	300.00	Loan for Ganguwal & Kotla & Dehar tied
ii	Dehar Power House, Dehar	125.00	tied up
iii	Bhakra Left Bank (Spl. Secy./BBMB, Chandigarh)	500.00	Loan to be tied up.
8	R&M of PSEB PROJECTS	2377.00	
i	Shanan Power Houses	996.00	
ii	UBDC Stage-I & II	452.00	
iii	MHP-I	901.00	
iv	For 8 No. turbine oil purifiers for RSD (CE/Hydel, PSEB)	28.00	
9	Furniture & Petty Items for Offices	100.00	
	CE/Hydel, Patiala	25.00	
	CE/O&M, GNDTP, Bathinda	25.00	
	CE/GGSSTP, Ropar	25.00	
	CE/GHTP, Lehra Mohabbat.	25.00	
	TOTAL GENERATION	149727.00	

PUNJAB STATE ELECTRICITY BOARD
REVISED PLAN FUNDS ALLOCATION FOR THE YEAR 2007-08

(Rs. in lacs)			
Sr. No.	Name of Scheme / Project & Concerned HOD's	Internal Funds Allocation	Remarks
B	TRANSMISSION	33575.00	
i	Transmission & Sub. Trans. Works including APDRP Schemes Sub-Station Works (CE/Transmission Lines)	7500.00	
ii	Sub-Station works including APDRP Schemes & Capacitor Banks. (EIC/Sub-Station)	21000.00	
iii	Renovation & Refurbishment works of old sub-station equipment & other works (EIC/P&M, Ludhiana)	4000.00	
iv	PLC/SLDC/SCADA (CE/SO&C)	1000.00	For SLDC Scheme, Pilot Project for SCADA under APDRP Schemes, Boundary Metering & PLC Works etc.
10	Furniture & Petty Items for Offices	75.00	
	EIC/Sub-Station, Patiala	25.00	
	CE/Transmission, Patiala	25.00	
	CE/P&M, Ludhiana	25.00	
C	DISTRIBUTION		
i	System Improvement works including APDRP & Normal Development works. EIC/Operation (South) CE/Operation (West) CE/Operation (Central) CE/Operation (North) CE/Operation (Border)	40000.00 7805.00 7805.00 7674.00 7805.00 7805.00	
ii	Office accomodation of CE/Op. Central Zone, Ludhiana approved vide memorandum No.34 dt. 12-7-2007 CE/Operation, Central Zone	131.00	
iii	Procurement of 11KV Operative Switched Capacitors (EIC/ RE & APDRP)	500.00	
	(CE/Stores & Disposal)	475.00	For Transformer Receiving Yards.
iv	Comprehensive T&D losses reduction Plan (EIC/ RE & APDRP)	50000.00	
v	Rural Electrification (I) RGGVY Scheme (ii) Capacitor Bank (EIC/RE&APDRP)	2000.00 213.00	Rs.1800 lacs Grant from G.O.I.
vi	ME Lab & Workshop (CE/workshop) (CE/Metering)	700.00 100.00 600.00	For Electric & Gantry Cranes, Testing Equipment, Mini Truck, Furniture etc. & various Civil Works. Revamping of ME Labs, including procurement of Computer Test Benches.
vii	Energy Conservation Projects (CE/HRD)	5000.00	
viii	Release of Tubewell Connections EIC/Operation (South) CE/Operation (West) CE/Operation (Central)	24000.00 7200.00 8400.00 3600.00	As per target fixed for each zone.

CE/Operation (North)	2400.00
CE/Operation (Border)	2400.00

SHEET-III of III

PUNJAB STATE ELECTRICITY BOARD
REVISED PLAN FUNDS ALLOCATION FOR THE YEAR 2007-08

		(Rs. in lacs)	
Sr. No.	Name of Scheme / Project & Concerned HOD's	Internal Funds Allocation	Remarks
ix	Urban Pattern Supply to Villages For additional Deras / Dhanies (12804 Nos.) (EIC/RE & APDRP)	4500.00	Rs. 7360 lacs to be arranged from Pb. Mandi Board.
x	Urban Pattern Supply to Villages (For clearing pending payments of UPS works of villages in 2007-08). (EIC/RE & APDRP)	1500.00	
11	Furniture & Petty Items for Offices	200.00	
	All CE's/Distribution	115.00	Rs. 23 lacs for each.
	CE/Workshop, Patiala	23.00	
	CE/Metering, Patiala	23.00	
	CE/S&D, Patiala	24.00	
	EIC/RE & APDRP, Patiala	15.00	
	TOTAL DISTRIBUTION	128113.00	
D	MISCELLANEOUS		
i	Survey & Investigation (CE/Planning (Irrigation, GOP), Chandigarh)	50.00	
ii	Implementation of I.T. Plan (Director/I.T.)	5000.00	(This includes Rs. 244.33 Lacs for CE/Commercial vide memo No. 319/ DB-55 dt. 4-4-07.
iii	Setting up of Staff College (CE/HRD)	350.54	
iv	Construction of office & residential building for Sr. XEN/Operation Division, Dhuri (EIC/Op. South Zone)	30.00	
iv	Renovation of TTI Complex (EIC/Civil Design & Const., Patiala)	119.46	
	TOTAL MISCELLANEOUS	5550.00	
	Grand Total:-	316965.00	

NOTE

- 1 Except for the first 4 months of financial year, the amount to be arranged from market by PSEB will be in proportion to the loan raised from PFC/REC for Transmission and Distribution works.
- 2 The above allocations for Transmission and Distribution do not cover any deposit works of Transmission & Distribution for which expenditure is to be met from deposit made by consumers and bookings of expenditure should be done under separate head.
- 3 The expenditure to be incurred for replacement of damaged equipment is not covered under this plan. The same is to be booked to Revenue Head and not to Capital Head.
- *4 The expenditure of Rs. 80000 lacs of item A 5, shall be arranged by SPVs for this project/PSEB. this includes amount of Rs. 55000 lacs on account of conversion charges of land for which the committee headed by the Chief Secy./Punjab govt. has viewed that this amount may not be levied.

PUNJAB STATE ELECTRICITY BOARD
TENTATIVE ANNUAL PLAN PROPOSAL & FUNDS REQUIREMENTS / RESOURCES FOR 2008-09

(Rs. in lacs)

Sr. No.	Name of Scheme / Project	2008-09 Proposal	Loans to be tied up PFC/REC	To be arranged from Market by PSEB	Loan RGGVY	Grant RGGVY/ M.Board	Remarks
A	GENERATION						
1	Shahpurkandi HEP (168 MW) (For EB only)(90%) CE/Hydel CE/Civil (IB)	5000.00	4500.00	500.00			
2	Mukerian HEP-II (18 MW) (86%) CE/Hydel CE/Civil Micro Hydel PHs at GGSSTP Ropar	3000.00 2190.00 350.00					
	Total	5540.00	4764.00	776.00			
3	GHTP Stage-II Lehra Mohabbat (2x250 MW) (91%) CE/Thermal Design	6830.00	6215.00	615.00			
4	Talwandi Sabo(Banwala) (80%) Thermal Plan (1800+10%)						
	Total	17370.00	15479.00	1891.00			
5	RENOVATION & MODERNISATION						
i	GNDTP, Phase-II, Bathinda	135.00		135.00			
ii	GNDTP Unit-I & II based on RLA Study Report (80%)	970.00	776.00	194.00			
iii	GNDTP Unit-III & IV based on RLA Study Report(80%)	20836.00	16669.00	4167.00			
iv	Additional works (not included in already approved R&M Project Report based on RLA Study	1418.00	1134.00	284.00			
v	Augmentation of Coal Handling Plant	1500.00	1200.00	300.00			
vi	GGSSTP Ropar Scheme-I Under APDRP (90%)	4539.00	4085.00	454.00			
vii	GHTP, Stage-I, Lehra Mohabbat CE/O&M, GHTP-I CE/Thermal Design	1570.00 183.00					
	Total	1753.00	1402.00	351.00			
	Total	31151.00	25266.00	5885.00			
6	R&M of BBMB PROJECTS						
i	Ganguwal/Kotla Power Houses Phase-I&II	400.00	280.00	120.00			
ii	Dehar Power House, Dehar	267.00	187.00	80.00			
iii	Bhakra Left Bank	7000.00	5600.00	1400.00			
	Total	7667.00	6067.00	1600.00			
7	R&M of PSEB PROJECTS						
i	Shanan Power Houses (80%)	150.00					
ii	UBDC Stage-I & II (80%)	985.00					
iii	MHP-I	927.00					
iv	ASHP	50.00					
iv	RSD	138.00					
	Total PSEB	2250.00	1800.00	450.00			
8	Furniture & Petty Items for Offices						
	CE/Hydel, Patiala	25.00		25.00			
	CE/O&M, GNDTP, Bathinda	25.00		25.00			
	CE/GGSSTP, Ropar	25.00		25.00			
	CE/GHTP, Lehra Mohabbat.	25.00		25.00			
	TOTAL GENERATION	58538.00	48612.00	9926.00			

PUNJAB STATE ELECTRICITY BOARD
TENTATIVE ANNUAL PLAN PROPOSAL & FUNDS REQUIREMENTS / RESOURCES FOR 2008-09

(Rs. in lacs)							
Sr. No.	Name of Scheme / Project	2008-09 Proposal	Loans to be tied up PFC/REC	To be arranged from Market by PSEB	Loan RGGVY	Grant RGGVY / Mandi Board	Remarks
B	TRANSMISSION						
i	Transmission/Sub-Strn Works including APDRP, Capacitor Bank and Renovation& Refurbishment of old Sub-Strns. Equipment	40000.00	24000.00	16000.00			
ii	PLC/SLDC/SCADA (CE/SO&C)	2850.00	1140.00	1710.00			
9	Furniture & Petty Items for Offices						
	CE/Sub-Station, Patiala	25.00		25.00			
	CE/Transmission, Patiala	25.00		25.00			
	CE/P&M, Ludhiana	25.00		25.00			
	TOTAL TRANSMISSION	42925.00	25140.00	17785.00			
C	DISTRIBUTION						
i	Normal Development works including APDRP	45000.00	18000.00	27000.00			
ii	Comprehensive T&D losses reduction Plan	70000.00	56000.00	14000.00			
iii	Rural Electrification (i) RGGVY Scheme (ii) Capacitor Bank CE/RE&APDRP	6000.00 213.00	170.00	43.00	600.00	5400.00	Rs. 5400 lacs Grant from G.O.I.
iv	ME Lab & Workshop CE/workshop CE/Metering TOTAL	319.00 600.00 919.00		319.00 600.00 919.00			
v	Expansion of Pilot Workshop at SAS Nagar and Mukatsar EIC/Civil Design & Const.	376.00		376.00			
vi	Energy Conservation Projects	7000.00	5600.00	1400.00			
vii	Release of Tubewell Connections	28000.00	14000.00	14000.00			
viii	Urban Pattern Supply to Villages For additional Deras / Dhanies (12804 Nos.)	3200.00		640.00		2560.00	Rs. 2560 lac to be arranged from Pb. Mandi Board.
10	Furniture & Petty Items for Offices						
	All CE's/Distribution	125.00		125.00			Rs. 25 lacs for each.
	CE/Workshop, Patiala	25.00		25.00			
	CE/Metering, Patiala	25.00		25.00			
	CE/S&D, Patiala	25.00		25.00			
	TOTAL DISTRIBUTION	160908.00	93770.00	58578.00			
D	MISCELLANEOUS						
i	Survey & Investigation	50.00		50.00			
ii	Implementation of I.T. Plan	5000.00	4000.00	1000.00			
iii	Setting up of Staff College (CE/HRD)	1000.00		1000.00			
iv	Misc Capital works linked with PSEB Guest House cum Chairman Office Mohali EIC/Civil Design & Const.	5.00		5.00			
	TOTAL MISCELLANEOUS	6055.00	4000.00	2055.00			
	Grand Total:-	268428.00	171522.00	88344.00	600.00	7960.00	Rs. 54 Cr. From Govt 25.60 Cr. From Mandi Board

480
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**PUNJAB STATE ELECTRICITY BOARD
O/O ADVISOR /FINANCE
(BUDGET SECTION)**

To

The Chief Engineer/Commercial,
(Tariff Regulation Directorate-I),
PSEB, Patiala.

Memo No. 2908 /BBR-94
Dated: 1.11.2007

Sub: Payment of subsidy of State Govt.

Please refer to your Memo No. 1515/CC/DTP/221/Vol.VI dated 29.10.07 on the subject cited above.

In this connection it is intimated that Punjab Govt. has released subsidy to the tune of Rs. 704.64 crore during 1.4.07 to 31.10.07 as detailed below:-

(Rs. Crore)

Sr. No.	Sanction No.	Amount	Cheque No /Date
1.	3/11/2006-PE5/4588 dated 3.4.07	63.00	684768 dated 4.4.07
2.	11/54/2007-PE5/5909 dated 30.4.07	22.14	687822 dated 10.5.07
3.	11/56/2007-PE5/10222-24 dated:28.6.07 (April to June)	371.70	694217 dated 11.7.07 694218 dated 11.7.07
4.	11/56/2007-PE5/81625 dated 10.8.07 (For July)	123.90	698752 dated 22.8.07 698771 dated 23.8.07
5.	11/56/2007-PE5/22618 dated 27.8.07 (For August)	123.90	699892 dated 30.8.07
	Total :	704.64	

Copies of sanction letters are attached as desired.

DA/As Above:

[Signature]
Advisor/Finance,
PSEB, Patiala.
8/11/07

SUBSIDY RECEIVED - 2007-08

April, 07	63.00	2801	3/11/2006/PE-V/4588 dt 3.4.07
May, 07	22.14	2801	11/54/2007/PE-V/5909 dt 30.4.07
June, 07	-	-	
July, 07 (4/07 to 6/07)	371.70	2801	11/56/2007/PE-V/10222-24 dated 28.6.07
August, 07 (july, 2007)	123.90	2801	11/56/2007/PE-V/81625 dated 10.8.07
August, 07	123.90	2801	11/56/2007/PE-V/22618 dated 27.8.07
Sept., 07	-	-	
Total:-	704.64		

Subsidy Received - 2006-07			
Month	Amount (Rs in Cr)	Head of Account	Govt Sanction No.& Date
April, 06	-	-	-
May, 06	-	-	-
June, 06	371.70	2801	3/11/2006/PE-5/8866 dt 8.6.06
July, 06	123.90	2801	3/11/2006/PE-5/11151 dt 19.7.06
August, 06	123.90	2801	3/11/2006/PE-5/11919 dt 2.8.06
Sep, 06	123.90	2801	3/11/2006/PE-5/13831 dt 8.9.06
Oct, 06	123.90	2801	3/11/2006/PE-5/15553 dt 5.10.06
Nov, 06	-	-	-
Dec, 06	247.80	2801	3/11/2006/PE-5/18823 dt 8.12.06
Jan, 07	123.90	2801	3/11/2006/PE-5/18826 dt 8.12.06
Feb, 07	123.90	2801	3/11/2006/PE-5/350 dt 9.1.07
Mar, 07	60.90	2801	3/11/2006/PE-5/2045 dt 14.2.07
Total:-	1423.80		3/11/2006/PE-5/3399 dt 13.3.07

**PUNJAB STATE ELECTRICITY BOARD
O/O CHIEF ACCOUNTS OFFICIER/A&R**

Sub: **Reasons for abnormal increase in expenditure in relation to the payment of terminal benefits made during 4/2007 to 9/2007 in comparison to the payments made during 4/2006 to 9/2006 i.e., increase of expenditure from Rs. 163.86 crore to 242.26 crore.**

as under: -

As discussed, the main reasons for the subject cited increases are

1. The discount rate for the purpose of commutation of pension was restored to 4.75% from 8% w.e.f. 31.10.06 (copy of circular enclosed) which attracted more retirees then those in the corresponding period of previous year to opt for commutation of pension as detailed below: -

Sr.No.	Period	No. of commutation	Amount (Rs.inCrores)
i.	1.4.06 to 30.9.06	2015	23.71
ii.	1.4.07 to 30.9.07	2059	51.30

2. There was also increase in the amount of gratuity paid during 4/2007 to 9/2007 as compared to the amount paid during the same period of last financial year as detailed below:

Sr.No.	Period	No of cases	Amount (Rs.inCrores)
i.	1.4.06 to 30.9.06	2015	47.68
ii.	1.4.07 to 30.9.07	2059	54.17

3. As the 5% IR was granted w.e.f 1.11.2006, this results in increase in payment of terminal benefits.
4. The impact of DA was 11% during 4/2007 to 9/2007 for the increase in DA installment w.e.f 1.7.2006 (5%) w.e.f 1.1.2007 (6%) which was only 7% during last corresponding period of 4/2006 to 9/2006 for the increase in DA installment w.e.f 1.7.2005 (4%) w.e.f 1.1.2006 (3%). Further, the % of 11% is further increased to 11.55% due to release of Interim Relief (IR) w.e.f 1.11.2006, which is accounted for all intents & purposes.

5. The fixed Medical allowance had also been increased from Rs.350/- per month w.e.f 1.11.06, which also contributed towards increase in total amount of terminal benefits.

DA/As above

M. Singh
Accounts Officers/A&R,
PSEB, Patiala.

To

Chief Engineer/Commercial,
PSEB, Patiala.

U.O.No. 639/639
Dated: 22.11.07

✓ CC:

Advisor/Finance, PSEB, Patiala.

PUNJAB STATE ELECTRICITY BOARD
OFFICE OF THE SECRETARY
(FINANCE SECTION)

Finance Circular
No. 17/2006

To

1. The IGP/V&S, PSEB, Patiala.
2. All Ers.-in-Chief/CMA/CEs (Incl. Hydrl).
3. The Advisor Finance, PSEB, Patiala.
4. The Chief Cost Control & Reduction, PSEB, Patiala.
5. The Chief Accounts Officers, PSEB, Patiala.
6. The Chief Auditor, PSEB, Patiala.

Memo No. 135702/135742 / Fin-II/9(98)/Vol.3

Dated : 16.11.2006

Subject: Commutation of pension.

Enclosed please find herewith a copy of Govt. of Punjab. Department of Finance (Finance, Pension Policy & Coordination Branch), Notification No. 3/13/2001-3FPPC/6587 dated 31.10.2006 along with its enclosure on the subject cited above.

2. The Punjab State Electricity Board has decided to adopt the above notification in-to-to.

DA/As above.

Jt. Secy/Finance.

Endst. No. 135743/136703 / Fin-II/9(98)/Vol.3

Dated : 16.11.2006 / 16/11

Copy of the above is forwarded to the following for information and further necessary action:-

1. Principal Secy. To Govt. of Punjab (Fin. Deptt.) and Member/PSEB, Civil Sect., Pb., Chandigarh.
2. Principal Secy., Pb. Govt./Irrigation & Power Deptt. (Energy Branch), Mini Sect., Sector-9, Chandigarh.
3. Secretary, NREB, F-Wing, Nirman Bhawan, New Delhi.
4. Secretary, HPSEB, Shimla-4.
5. Secretary, HSEB, Panchkula.
6. Finance Secy., Chandigarh Admn., Chandigarh.
7. Secretary/Admn. I, Central Elec. Authority, Govt. of India, Sewa Bhawan, R.K. Puram, New Delhi.
8. Special Secy., BBMB, Sector-19, Chandigarh.

P.T.O.

9. General Manager/Delhi Elec. Supply Undertaking, New Delhi.
10. C.E./Generation, BBMB, Chandigarh.
11. C.E./Transmission, BBMB, Chandigarh.
12. C.E./Electrical, U.T, Chandigarh.
13. F.A. & C.A.O., BBMB, Chandigarh/Nangal Township.
14. F.A. & C.A.O., GGSSTP, Ropar.
15. Accounts & Finance Manager, GNDIP, Bathinda/Lehra Mohabbat.
16. Resident Audit Officer, PSEB, Patiala.
17. All SEs/Directors(Incl. Hydel).
18. S.E(T) to All Members, PSEB, Patiala.
19. Director/Co-ordination, PSEB, B-533, New Friends Colony, New Delhi.
20. Director/Indl. Relations, PSEB, Patiala.
21. Director/Training, TTL, PSEB, Patiala.
22. All Sr. Executive Engineers/Dy. Directors (Incl. Hydel).
23. Dy. Secy. To Chairman/Sr. PSs to Members and Secy./Board.
24. All Joint Secys./Dy. Secys./Under Secy., PSEB.
25. Dy. CAOs/Dy. CAs/Dy. FAs, PSEB.
26. All Sr. AOs/AOs/Pre-Audit, Field & Thermal.
27. Sr. A.O./P&A, PSEB, Patiala.
28. Sr. A.O./EAD, PSEB, Patiala.
29. Supdts./Bills-I, II, III, PSEB, Patiala.
30. All Sectional Heads of the Branches of the Head Offices.

DA/As above.

Copy of letter No. 3/13/2001-3FPPC/6587 dated 31.10.2006 from Govt. of Punjab, Department of Finance (Finance, Pension & Coordination) to All Heads of Departments etc.

Subject: Commutation of Pension.

Sir/Madam,

I am directed to invite a reference to the subject cited above and to state that the entire matter regarding the revision of present table of commutation of pension has been engaging the attention of the State Government for some time past. The Governor of Punjab is pleased to reduce the discount rate from existing 8% to 4.75% and revise the existing table (copy enclosed) for the calculation of commutation of pension in place of the present table incorporated as Annexure to Chapter XI of Punjab C.S.R. Vol. II. This revised table supersedes the existing table and shall apply to all cases of retirement arising on or after 31.10.2006.

2. Annexure to Chapter XI of Punjab Civil Services Rules Vol. II shall be deemed to have been substituted accordingly.

Yours faithfully,

Sd/-

(Jangir Singh Jandu)

Under Secretary Finance(J)

Age (yr)	old	t
40	15.87	
41	15.64	
42	15.40	
43	15.15	
44	14.90	
45	14.64	
46	14.37	
47	14.10	
48	13.82	
49	13.54	
50	13.75	
51	12.95	
52	12.66	
53	12.35	
54	12.05	
55	11.73	
56	11.42	
57	11.10	
58	10.78	
59	10.46	
60	10.13	
61	9.81	
62	9.48	
63	9.15	
64	8.82	
65	8.50	
66	8.17	
67	7.85	
68	7.53	
69	7.22	
70	6.91	

6.0 Policy Guidelines

The basic philosophy on which the guidelines have been devised is :

TRAINING FOR ALL : EVERY EMPLOYEE HAS A RIGHT TO RECEIVE NEED BASED TRAINING AT REGULAR INTERVALS TO ENABLE HIM/HER TO DEVELOP HIS/HER POTENTIAL TO THE MAXIMUM AND CONTRIBUTE HIS/HER BEST TO THE ORGANISATION .

THE ULTIMATE GOAL OF POWER TRAINING IS CUSTOMER SATISFACTION THROUGH REDUCTION IN COST OF DELIVERED POWER AND ITS RELIABLE AND QUALITY SUPPLY AT THE HIGHEST LEVELS OF EFFICIENCY AND ACCOUNTABILITY.

6.1 Training for All

Every Organization in the Power Sector should have a written Training Policy Document containing strategies to ensure training for all for a minimum period of one week annually for each employee .

6.2 Top Management Commitment

The top management must have strong commitment towards training and take effective steps to spread the culture of training and development thereby promoting competencies and commitment among employees. A senior Board level member should be given responsibility for this area. The utility/ company must evolve a perspective plan to achieve "training for all".

6.3 Training - an investment

Money spent on training should be treated as an investment rather than as expenditure. There should be a move towards

Annexure A

7.2 Policy Specific

- 7.2.1 Ensure that a written Training Policy Document containing strategies to ensure training for all for a minimum period of one week annually for each employee is in place in every organization. A sample standard Policy statement to be provided to all Power Utilities.

Action – CEA/MOP/NPTI (ref. Guideline 6.1)

Time frame – 3 months

- 7.2.2 Each Power Utility shall exhibit its top management commitment towards training by displaying its training policy prominently.

Action – NPTI and Power Utilities(ref. Guideline 6.2)

Time frame – 3 months

- 7.2.3 Training as an investment.

- 7.2.3.1 Workshop on 'human asset accounting' shall be organized to arrive at a standard mode of human asset evaluation.

Action – NTPC and other organisations (ref. Guideline 6.3)

Time frame – 1 year

- 7.2.3.2 Expenditure on training may be considered for tariff computation by regulatory authorities.

Action – MOP(ref. Guideline 6.3)

Time frame – 3 months

- 7.2.4 Guidelines for compulsory training for all personnel working in power sector right from lowest to highest cadre, preparation of Table of Standard Performance parameters, Cadre Training Plan and Training Action Plan should be issued.

Action – CEA/ MOP (ref Guideline 6.4)

Time frame – 3 months

Each Power Company shall exhibit its top management commitment towards training by displaying its training policy prominently.

6.13.2 Efforts should be made to integrate training institutions through a Training Management Information System (TMIS).

6.14 Training Budget

Organizations should allocate adequate funds to training and development activities for meeting the stipulated training requirement. A minimum of 1.5% salary budget may be provided initially, gradually increasing it to a level of 5% depending on organisation's requirement.

6.15 Training Allowance

A training allowance should be extended to all the persons engaged in Training Institutes. The autonomous training institutes may get UGC / AICTE scales and benefits.

6.16 Networking of Training facilities

Training facilities should be optimally utilised by the power sector organisations through networking with reputed Educational / Professional Institutes like NPTI, PMI (NTPC), CIRE (REC), IIM's, IIT's, MDI, ASCI etc. to tap the best management and technical expertise. Training infrastructure and expertise available with private sector organizations may also be included in the networking.

6.17 Feedback

A mechanism to evaluate the effectiveness of training programs is essential. Sponsoring organizations should send the feedback on the efficacy of training at the workplace for further improvement of the programs. The benefits should be evaluated and course content modified based on the inputs.

6.18 Distance Education

Industry supported distance education programs including development of Computer Based Training (CBT) should be encouraged which would equip the engineers in the field with

Training facilities to be optimally utilized by Networking with reputed Educational/ Professional Institutions

reflecting personnel as corporate assets as is done by IITP. Expenditure on training should be included for tariff computation.



*Research in training
to evolve new
methods of training*

6.4 Training for all Cadres

Training should be essential for all personnel working in power sector right from the lowest cadre to the highest cadre and a prerequisite for promotion. Training and skill development credit should be institutionalized. The practice of on job-training should be encouraged. Detailed cadre training plans are to be prepared to achieve the levels of performance prescribed in the table of standard performance parameters. Provisions should be made in the agreements to the effect that contract labour engaged in O&M are trained personnel.

6.5 MoU s with Reforming States

Training may be included in the Memorandum of Understanding being signed by Ministry of Power with the Reforming states and the public sector undertakings.

6.6 Training for Transmission & Distribution personnel

As 80% of the power sector personnel are engaged in Transmission & Distribution (T&D) function, Indian Electricity Rules should be amended expeditiously to make training mandatory at the induction level as well as at periodic intervals to ensure safety, reliability and efficiency in transmission and distribution of electricity. Power Grid Corporation of India Ltd and State Sector T&D Companies could pool their resources to build common training facilities.

6.7 Research in Training

Research in training should be encouraged to evolve new methods of training, its evaluation and impact assessment.

PUNJAB STATE ELEC: BOARD

From

Engineer-in-Chief/HRD,
F-4, Shakti Vihar Complex,
Punjab State Elec.Board,
PATIALA .

(Fax No.0175-2302056)

To

The Chief Engineer/Commercial,
PSEB, Patiala.

Memo No. 1092 / HRD-515
Dated: 26.11.2007

Subject: ARR/Tariff Petition for the year 2008-09.

Kindly refer your office memo No. Spl-1/CC/DTR/223 dated nil on the subject noted above.

In this regard your attention is invited to this office memo No.10018/HRD-515 dt.21.11.07 vide which requisite reply was sent. Explanatory note in this regard for is attached as Annexure-'A'. The revised estimated training expenditure shall be as under for the year 2007-08 and 2008-09:-

Sr.No.	Expenditure Head	Amount in Crore Rs. 2007-08	Amount in Crore Rs. 2008-09	
1.	Employees cost projected by PSEB in ARR 2007-08 and 2008-09	2060.95	2222.21	
1.	Total Training budget for one training year (1.5% of employees salary budget)	15.45	33.33	
2.	Capital cost (Construction, repairs maintenance & purchase of equipments)	2.32	5.0	Capital cost of constructing the PSEB , MDI at a total cost of Rs. 35 Cr. phased over 3 to 5 years.
3.	Training cost (Reprography, faculty expenses, participant expenses, training kit, outsourcing cost, travel cost, Miscellaneous cost)	9.27	20.0	Ref Annexure 'B'
	<u>*Breakup</u>			
	Actual expenditure up to 30.09.07 (ch.head 76.151)	0.21	-	
	Anticipated expenditure 1.10.07 to 31.3.08 (ch.head 76.151)	5.43	-	
	Anticipated expenditure 1.10.07 to 31.3.08 (ch.head 76.181)	3.63	-	

	Anticipated expenditure during 2008-09 (ch.head 76.151)	-	12.00	
	Anticipated expenditure during 2008-09 (ch.head 76.181)	-	8.00	
4.	Administrative cost (including administrative staff salary, stationary, administrative expenses etc.	3.86	8.33	

Chief/HRD.

(Er.Virinder
Singh),
Er.-in-

TRAINING AND HUMAN RESOURCES DEVELOPMENT IN PSEB – Explanatory note

In view of Electricity Act, 2003, it is particularly important that electricity industry has access to properly trained human resource.

To improve the working of Punjab Power Sector and change the attitude of its employees and officers, PSEB Training Policy has been notified. This policy aims **"to turn around PSEB a pro-public, modern, progressive and profit making organization"**. **This policy is in line with "National Training policy for the Power Sector"** notified by Ministry of Power, Govt. of India year 2002. The objectives of PSEB training policy are to increase efficiency of work by its nearly 2000 executives and 64000 deployed employees and keep them abreast with the latest knowledge and skills for value addition through training to overall business process of Power, Generation, Transmission and Distribution.

PSEB Training Policy is very strict, almost on the pattern of Armed Forces and has been made to be a part of career plan of PSEB employees. As per this policy, it is mandatory for all officers and employees to complete minimum 5 days training per year to be eligible for the grant of promotional scales in 9/16/23rd year. Further the PSEB officers in the rank as Sr.Xens, S.Es. and Chief Engineers and equivalent shall have to undergo mandatory "Next Level Competency Training Programme" in collaboration with leading Management Institute in a band of two years of promotion, one year before and one year after the promotion as Sr.Xens, S.Es. and Chief Engineers. For this purpose a 3 to 4 weeks training capsules including one week training abroad is under finalization by PSEB in collaboration with a leading Management Institute India.

PSEB Training Policy lays down that **HRD Organisation shall act as a Business Partner and money spent on training shall be treated as investment while Human Resources shall be treated as corporate asset**. It has been decided to strengthen the HRD Organisation by adding position of Director/Industrial Engineering, Director/Management Development and Organisation Development (MD & OD) and Director/Personnel, Policy & Reforms (PPR) by drawing experts from NTPC/ SAIL on deputation or contract for a period of 3 to 5 years.

The training infrastructure in the Technical Training Institute Patiala and 4 Nos. Technical Training Centres at Ludhiana, Jalandhar, Amritsar and Bathinda shall be strengthened. A budget equivalent to 1.5% of PSEB salary budget, totaling to about 30 Crore per year, shall be invested in Human Resources Development by PSEB. PSEB has requested Punjab State Regulatory Commission to allow recovery of this expenditure through tariff as per guidelines of National Training Policy of the Power Sector.

The training programmes shall be held for 35 weeks per year leaving aside 17 weeks of paddy season when there shall be no training. While officers shall be trained by deputing them outside Punjab on live situation of leading Power utilities of Andhra Pradesh, Reliance Energy Mumbai, Power Grid Corpn. Ltd. and National Thermal Power Corporation, 64000 employees are targeted to be trained at Circle/Zonal level by providing In-house training through trainers. These trainers shall comprise of outside experts, serving officers/officials and from resource pool of retired PSEB officers/employees will be selected and trained at reputed Training Institute of India.

PSEB has also decided to establish 'PSEB Management Development Institute' at Shakti Vihar in Badungar in Patiala at a cost of Rs.35 Cr. The proposal to create this Institute in 60 Acres vacant land of PSEB has been cleared recently by the Ministry of Defence, Govt. of India where its clearance was pending for the last ten years. The construction work of this Institute is starting in 2007-08. After its completion in 3 to 5 years, this Institute shall take over the training programmes of all officers of PSEB and

those of neighboring States and shall be developed as a Modern Management Institute dedicated to the power sector of North West India.

Estimated Expenditure Of Training Cost for 2007-08
For 50% of officials / 100 % officers (total 9.27 Cr.)
Training for Officials (Field Level)

Annexure-'B'

(a) for Entire Distribution System

Sl. No.	Expenditure Areas	Location				Total Amount (Rs. in crores) 2007-08	Total Amount (Rs. in crores) 2008-09
		Circle Level (20 Circle)					
		Rate (Rs.)	Duration	Measure 1	Measure 2		
1	Food Expenditure	60.00	5 days	50,000 employees		0.75	1.50
2	Training Facilities	4000.00	5 days	20 circle	35 weeks	0.70	1.40
3	Training Allowance (Trainers based on External Faculty Honorarium*)	4500.00	5 days	20 circle	35 weeks	0.79	1.58
4	Misc Expenditure at Training Location	2,50,000.00	1 year	20 circle		0.25	0.50
Total Expenditure						2.49	4.98

(b) for Generation

Sl. No.	Expenditure Areas	Location				Total Amount (Rs. in crores) 2007-08	Total Amount (Rs. in crores) 2008-09
		3 Thermal & 4 Hydro Plants + 1 Patiala					
		Rate (Rs.)	Duration	Measure 1	Measure 2		
1	Food Expenditure	60.00	5 days	8600 employees		0.13	0.26
2	Training Facilities	4000.00	5 days	8 Training locations	35 weeks	0.28	0.56
3	Training Allowance (Trainers based on External Faculty Honorarium*)	4500.00	5 days	8 Training locations	35 weeks	0.315	0.63
4	Misc Expenditure at Training Location	3,00,000.00	1 year	8 locations		0.12	0.24
Total Expenditure						2.345	4.69

(C) for Transmission

Sl. No.	Expenditure Areas	Location					
		Patiala, Ludhiana, Jalandhar, Amritsar, Bathinda					
		Rate (Rs.)	Duration	Measure 1	Measure 2	Total Amount (Rs. in crores) 2007-08	Total Amount (Rs. in crores) 2008-09
1	Food Expenditure	60.00	5 days	4650 employees		0.07	0.14
2	Training Facilities	4000.00	5 days	5 Training locations	35 weeks	0.175	0.35
3	Training Allowance (Trainers based on External Faculty Honorarium*)	4500.00	5 days	5 Training locations	35 weeks	0.195	0.39
4	Misc Expenditure at Training Location	3,00,000.00	1 year	5 locations		0.075	0.15
Total Expenditure						0.515	1.03

(d) for Other Departments (other then G / T / D)

Sl. No.	Expenditure Areas	Location					
		Patiala, Ludhiana, Jalandhar, Amritsar, Bathinda					
		Rate (Rs.)	Duration	Measure 1	Measure 2	Total Amount (Rs. in crores) 2007-08	Total Amount (Rs. in crores) 2008-09
1	Food Expenditure	60.00	5 days	4900 employees		0.075	0.15
2	Training Facilities	4000.00	5 days	6 Training locations	35 weeks	0.21	0.42
3	Training Allowance (Trainers based on External Faculty Honorarium*)	4500.00	5 days	6 Training locations	35 weeks	0.235	0.47
4	Misc Expenditure at Training Location	4,00,000.00	1 year	5 locations		0.10	0.20
Total Expenditure						0.62	1.24

(e) Training for Officers

Sl. No.	Expenditure Areas	Location					
		Various in India					
		Rate (Rs.)	Duration	Measure 1	Measure 2	Total Amount (Rs. in crores) 2007-08	Total Amount (Rs. in crores) 2008-09
1	Various Training Programs for officers	4000.00	5 days	2400 officers	-	4.80	5.10 (@ Rs. 5000/- per day per head
2	3 week Advanced Management Programme in a leading Management Institute of India including Foreign training	200000.00	3 weeks	298 officers	-	-	5.96
Total Expenditure						9.27	20.00

Punjab State Elec. Board
(HRD Organization)

From

Engineer-in-Chief/HRD,
P.S.E.B., Patiala.

FOR KIND ATTENTION
Sd/- L. K. GILL / Ad. Budge

To

Advisor / Finance,
P.S.E.B., Patiala.

Memo No. 10026 / HRD-515 Vol-IV.
Dated: 22-11-2007

Subject: Figures relating to expenditure on training.

Ref: Your Memo No. 3012 / BBR-94 / Vol-VII dated 21.11.07.

The information desired vide above referred letter is as tabulated below:-

Sr. No.	Expenditure Head	Amount in Crore Rs. 2007-08	Amount in Crore Rs. 2008-09
1.	Total Training budget for one training year (1.5 % of employees' salary budget).	14.8	33.33
2.	Capital cost (Construction, repairs, maintenance and purchase of equipments)	4.0	5.0
3.	Training cost (Reprography, faculty expenses, participant expenses, training kit, outsourcing cost, travel cost, Miscellaneous cost)	7.09*	20.0*
	<u>*Breakup</u>		
	Actual expenditure up to 30.09.07 (ch. Head 76.151)	0.21	-
	Anticipated expenditure 1.10.07 to 31.3.08 (ch. Head 76.151)	4.34	-
	Anticipated expenditure 1.10.07 to 31.3.08 (ch. Head 76.181)	2.54	-
	Anticipated expenditure during 2008-09 (ch. Head 76.151)	-	12.00
	Anticipated expenditure during 2008-09 (ch. Head 76.181)	-	8.00
4.	Administrative cost (including administrative staff salary, stationary, administrative expenses etc.)	3.7	8.33

2. The actual expenditure on trainings under A/C head 76.151 during 2006-07 is Rs. 0.9039 Cr.



Engineer-in-Chief/HRD,
P.S.E.B., Patiala.

Punjab State Electricity Board

From

Chief Engineer/DS (North),
PSEB, Jalandhar.

To

Director/Tariff Regulation-I,
PSEB, Patiala.

Memo No. 21969/70

Dated 15.11..07

Sub: Supply of information o Format for filling ARR/ Tariff Revision
Petition for the year 2008-09 ending 30.9.07.

Ref:- Your office UO No. 1453/7CC/DTR/223 dt. 1.10.07
& SE/T to Member/D, PSEB, Patiala's memo No. 5491/95
MO-76 dt. 12.11.07.

Enclosed please find herewith the subject cited information
on the prescribed proformas on the hard copy in respect of North
Zone for further necessary action.

DA/ 8 No. Proformas

For: Dy. CE/Hq-Cum-Admn.,
CE/DS(North), PSEB, Jal.

CC:

SE/T to Member/D, PSEB, Patiala.

ELECTRICAL ACCIDENTS

Name of Circle	FY 2006-07		FY 2006-07(30.9.07)	
	Fatal	Non-Fatal	Fatal	Non-Fatal
<u>Kapurthala</u>				
Board Employees	5	5	1	8
Private Employees	8	0	2	0
Animals	0	0	0	0
<u>Jalandhar</u>				
Board Employees	4	4	1	1
Private Employees	0	1	0	0
Animals	0	0	0	0
<u>Hoshiarpur</u>				
Board Employees	2	3	6	3
Private Employees	9	0	3	3
Animals	0	0	1	0
<u>Nawanshahr</u>				
Board Employees	1	6	0	4
Private Employees	4	5	1	0
Animals	4	0	1	0
<u>North Zone</u>				
Board Employees	12	18	8	16
Private Employees	21	6	6	3
Animals	4	0	2	0

Failure of Transformers

Format 54

Zone: North

Sr. No.	Item	Proceeding Year 2006-07			Current Year (Actual) 2007-08 (30.9.07)		
		No. of T/F	No. of failures	Total Duration of failure (Hrs.)	No. of T/F	No. of failures	Total Duration of failure (Hrs.)
	Transformation ratio						
1	66/11KV T/F	81	0	0	85	2	54.5
2	33/11.Kv.	65	0	0	58	1	26.07
3	11/.04 KV T/F	44875	4874		46186	3721	73740
4	Average duration of Interruption						
5	Average duration of Interruption per Transformer for ratio-1			0			0.321
6	Average duration of Interruption per Transformer for ratio-2			0			0.449
7	Average duration of Interruption per Transformer for ratio 3						0.00043
8	Average duration of Interruption per Transformer for ratio						

Dy. CE/HQ-cum-ADMN.,
For: EIC(N), JAL.

FORMAT 55 (A)

Overloaded Distribution Transformers (DTRs)

Sr.No.	Area	2006-07			2007-08 (30.9.07)		
		No. of DTRs in area	No. of overloaded DTRs in area	% number of overloaded DTRs	No. of DTRs in area	No. of overloaded DTRs in area	% number of overloaded DTRs
I	<u>Kapurthala</u>						
A	66 KV	22	0	0.00	14	13	92.86
B	33 KV	27	1	3.70	17	4	23.53
C	11 KV	15239	2072	13.60	15622	2754	17.63
II	<u>Jalandhar</u>						
A	66 KV	26	0	0.00	26	0	0.00
B	33 KV	8	0	0.00	8	0	0.00
C	11 KV	8802	978	11.11	9049	921	10.18
III	<u>Hoshiarpur</u>						
A	66 KV	17	0	0.00	18	2	11.11
B	33 KV	21	0	0.00	22	2	9.09
C	11 KV	12457	992	7.96	12866	999	7.76
IV	<u>N/Shahar</u>						
A	66 KV	16	0	0.00	17	2	11.76
B	33 KV	9	0	0.00	11	0	0.00
C	11 KV	8377	1547	18.47	8649	1512	17.48
V	<u>North Zone</u>						
A	66 KV	81	0	0.00	75	17	22.67
B	33 KV	65	1	1.54	58	6	10.34
C	11 KV	44875	5589	12.45	46186	6186	13.39

Dy. CE/HQ-cum-ADMN.,
For: CE(N),PSEB, JAL.

FORMAT 57**Abstract of Outages due to feeder tripping**

S.No.	Item	Current Year (2006-07)			Current Year (2007-08) (30.9.07)		
		No.of feeders	No.of Trippings	Total Duration of Trippings (Hrs)	No.of feeders	No.of Trippings	Total Duration of Trippings (Hrs)
1	66 KV	36	168	103.29	40	96	102.5
2	33 KV	39	227	227.21	35	153	108.33
3	11 KV	971	98066	20667.37	1012	72284	16290.91
4	Average duration of interruption per feeder for 66 KV	0.017			0.027		
5	Average duration of interruption per feeder for 33 KV	0.026			0.020		
6	Average duration of interruption per feeder for 11 KV	0.0002			0.0002		

Dy.CE/HQ-cum-Admn.,
for Chief Engineer/DS(North),
PSEB, Jalandhar.

NUMBER OF SERVICE CONNECTION APPLICATIONS PENDING
FORMAT APPLICABLE TO DISTRIBUTION SYSTEM

FORMAT 58
 YEAR 2006-07 (upto 31.3.07)

Category	Pending at the beginning of the period 3/06	Associated load (KW)	No. of Applications Reserved during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Pending at the end of the period 3/07	Associated Load (MW)
KAPURTHALA CIRCLE								
Domestic	303	0.293	7978	9.127	7827	8.840	454	0.580
Non-residential	35	0.138	1369	3.532	1292	3.370	112	0.300
Small Power	36	0.429	63	0.456	79	0.700	20	0.185
Medium Supply	0	0.01	15	1.018	4	0.368	11	0.660
Large Supply	2	0.043	11	2.41	9	1.820	4	0.633
Public Water Works	20	0.2	32	3.88	33	3.900	19	0.180
Agriculture	11403	39.318	7570	15.602	1829	5.72	17144	49.20
Others	3	0.166	22	0.185	21	0.152	2	0.199
Total	11802	40.597	17060	36.210	11094	24.870	17766	51.937
JALANDHAR CIRCLE								
Domestic	82	0.119	14692	33.223	14486	32.011	250	1.187
Non-residential	30	1.663	3799	23.651	3779	21.660	43	3.524
Small Power	23	0.256	373	3.089	355	2.790	33	0.426
Medium Supply	28	1.667	185	9.832	191	8.287	45	2.257
Large Supply	8	2.693	66	18.492	54	13.547	20	7.618
Public Water Works	12	0.293	75	1.428	50	0.867	31	0.835
Agriculture	3703	11.381	4465	9.339	4182	11.688	3865	12.451
Others	29	6.179	17	1.103	13	0.840	23	5.960
Total	3915	24.251	23672	100.157	23110	91.690	4310	34.258
HOSHIAR PUR CIRCLE								
Domestic	499	0.835	10573	11.446	10192	11.288	880	0.993
Non-residential	131	0.697	2231	4.538	2126	4.597	236	0.638
Small Power	50	0.489	76	0.785	92	0.931	34	0.343
Medium Supply	17	0.867	32	1.530	32	1.606	17	0.791
Large Supply	0	0	3	2.599	2	1.049	1	1.550
Public Water Works	36	0.472	46	0.633	52	0.623	30	0.482
Agriculture	14086	42.622	2495	12.673	1541	6.699	15040	46.596
Others	0	0	4	0.102	2	0.011	2	0.091
Total	14819	45.982	15460	34.306	14039	26.804	16240	51.484
NAWAN SHEHAR CIRCLE								
Domestic	147	0.357	15757	21.368	15363	18.449	283	0.421
Non-residential	25	0.276	2953	9.034	2857	8.379	61	0.289
Small Power	23	0.346	215	2.233	197	3.405	22	0.300
Medium Supply	2	0.587	54	3.416	37	1.566	6	0.143
Large Supply	5	2.937	19	7.503	13	3.896	4	4.369
Public Water Works	10	0.224	51	0.851	19	0.933	10	0.099
Agriculture	7832	25.795	10537	37.019	12081	25.664	6288	33.546
Others	1	0.074	7	0.202	6	0.435	5	0.202
Total	8045	30.596	29593	81.626	30573	62.727	6679	39.369
NORTH ZONE								
Domestic	1031	1.604	49000	75.164	47868	70.588	1867	3.181
Non-residential	221	2.774	10352	40.755	10054	38.006	452	4.751
Small Power	132	1.52	727	6.563	723	7.826	109	1.254
Medium Supply	47	3.131	286	15.796	264	11.827	79	3.851
Large Supply	15	5.673	99	31.004	78	20.312	29	14.17
Public Water Works	78	1.189	204	6.792	154	6.323	90	1.596
Agriculture	37024	119.116	25067	74.633	19633	49.771	42337	141.793
Total	38548	135.007	85735	250.707	78774	204.653	44963	170.596

Dy. CE/HQ-Cum-Admn.,
 For: CE/Op.(N),PSEB, Jai.

NUMBER OF SERVICE CONNECTION APPLICATIONS PENDING
FORMAT APPLICABLE TO DISTRIBUTION SYSTEM

FORMAT 58
YEAR 2007-08(30.09.2007)

Category	Pending at the beginning of the period 3/07	Associated load (KW)	No. of Applications Received during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Pending at the end of the period 9/07	Associated Load (MW)
KAPURTHALA CIRCLE								
Domestic	454	0.580	5054	5.090	4208	4.300	1300	1.37
Non-residential	112	0.300	776	2.040	694	1.530	194	0.81
Small Power	20	0.185	26	0.270	11	0.169	35	0.286
Medium Supply	11	0.660	9	0.370	7	0.367	13	0.636
Large Supply	4	0.633	5	1.390	2	0.620	7	1.403
Public Water Works	19	0.180	43	0.580	24	0.231	38	0.529
Agriculture	17144	49.20	5318	2.700	191	0.746	22271	51.154
Others	2	0.199	0	0.000	1	0.011	0	0.188
Total	17766	51.937	11231	12.4400	5138	7.974	23858	56.376
JALANDHAR CIRCLE								
Domestic	250	1.187	7418	15.008	7123	14.822	536	1.357
Non-residential	43	3.524	1571	10.401	1465	9.415	143	4.14
Small Power	33	0.426	68	0.88	54	0.6	39	0.606
Medium Supply	45	2.257	39	1.971	57	2.925	59	2.554
Large Supply	20	7.618	43	8.333	31	9.477	31	6.224
Public Water Works	31	0.835	29	0.582	36	0.681	17	0.375
Agriculture	3865	12.451	3683	13.842	2439	7.485	4985	18.545
Others	23	5.960	9	1.08	12	0.84	18	6.948
Total	4310	34.258	12860	52.097	11217	46.245	5828	40.749
HOSHIAR PUR CIRCLE								
Domestic	880	0.993	5856	5.659	5170	5.213	1566	1.439
Non-residential	236	0.638	1159	2.903	1067	2.604	328	0.937
Small Power	34	0.343	40	0.314	31	0.308	43	0.349
Medium Supply	17	0.791	34	1.236	4	0.187	47	1.84
Large Supply	1	1.55	0	0	0	0	1	1.55
Public Water Works	30	0.482	39	0.441	25	0.348	44	0.575
Agriculture	15040	46.596	3831	18.489	264	2.219	18607	64.866
Others	2	0.091	0	0	0	0	1	0.021
Total	16240	51.484	10959	29.042	6561	10.879	20637	71.577
NAWAN SHEHAR CIRCLE								
Domestic	283	0.421	4280	4.901	3406	4.045	1141	1.213
Non-residential	61	0.289	599	1.683	505	1.282	154	0.685
Small Power	22	0.3	33	0.413	32	0.408	21	0.274
Medium Supply	6	0.143	13	0.881	6	0.227	10	0.8
Large Supply	4	4.369	3	0.425	5	0.072	4	0.618
Public Water Works	10	0.099	7	0.082	1	2.14	9	0.085
Agriculture	6288	33.546	3949	18.573	99	1.076	13350	50.857
Others	5	0.202	1	0.227	3	0.232	0	0.000
Total	6679	39.369	8885	27.185	4057	9.482	14689	54.532
NORTH ZONE								
Domestic	1867	3.181	22608	30.658	19907	28.38	4543	5.379
Non-residential	452	4.751	4105	17.027	3731	14.831	819	6.572
Small Power	109	1.729	167	1.877	128	1.485	138	1.515
Medium Supply	79	3.824	95	4.458	74	3.706	129	5.83
Large Supply	29	13.717	51	10.148	38	10.169	43	9.795
Public Water Works	90	50.616	118	1.685	86	3.4	108	1.564
Agriculture	42337	92.792	16781	53.604	2993	11.526	59213	185.422
Total	44963	170.61	43925	119.457	26957	73.497	64993	216.077

Dy. CE/HQ-Cum-Admn.,
for CE/Op.(N),PSEB, Jal.

Overloaded Feeders (Distribution System)

FORMAT 59 (A)

Year: 2007-08

ending 31.9.07

Sr. No.	Circle/Area	No. of Feeders	Line length (ckt. Km)	No. of feeders overloaded	Line length overloaded feeders (ckt. Km)	% number of Overloaded Feeders in Area	% length of overloaded feeders in Area
<u>I Kapurthala</u>							
A	66 KV	14	70	1	5	7.14	7.14
B	33 KV	17	253	3	45.00	17.65	17.79
C	11 KV	344	7273	40	880	11.63	12.10
<u>II Jalandhar</u>							
A	66 KV	0	0	0	0	#DIV/0!	#DIV/0!
B	33 KV	4	17.7	0	0	0.00	0.00
C	11 KV	253	2916	10	33.88	3.95	1.16
<u>III Hoshiarpur</u>							
A	66 KV	16	146	0	0	0.00	0.00
B	33 KV	9	154	0	0	0.00	0.00
C	11 KV	246	6547	10	419	4.07	6.40
<u>IV N/Shahar</u>							
A	66 KV	10	106.405	0	0	0.00	0.00
B	33 KV	5	45.450	0	0	0.00	0.00
C	11 KV	169	4240	6	19.500	3.55	0.46
<u>V North Zone</u>							
A	66 KV	40	322.405	1	5	2.50	1.55
B	33 KV	35	470.150	3	45.00	8.57	9.57
C	11 KV	1012	20976	66	1352.38	6.52	6.45

Dy.CE/HQ-cum-Admn.,
for CE/DS(North),PSEB, Jalandhar.

Overloaded Feeders (Distribution System)

FORMAT 59 (A)

Year: 2006-07
ending 31.3.07

Period:

Sr. No.	Circle/Area	No. of Feeders	Line length (ckt. Km)	No. of feeders overloaded	Line length overloaded feeders (ckt. Km)	% number of Overloaded Feeders in Area	% length of overloaded feeders in Area
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I Kapurthala

A 66 KV	14	70	1	3	7.14	4.29
B 33 KV	17	253	0	0.00	0.00	0.00
C 11 KV	329	6858	1	45	0.30	0.66

II Jalandhar

A 66 KV	0	0	0	0	#DIV/0!	#DIV/0!
B 33 KV	4	17.7	0	0	0.00	0.00
C 11 KV	240	2891	12	53.77	5.00	1.86

III Hoshiarpur

A 66 KV	12	146	0	0	0.00	0.00
B 33 KV	13	147	0	0	0.00	0.00
C 11 KV	241	6202	11	483	4.56	7.79

IV N/Shahar

A 66 KV	10	111	0	0	0.00	0.00
B 33 KV	5	45.45	0	0	0.00	0.00
C 11 KV	161	4178	24	165	14.91	3.95

V North Zone

A 66 KV	36	327	1	3	2.78	0.92
B 33 KV	39	463.15	0	0.00	0.00	0.00
C 11 KV	971	20129	48	746.77	4.94	3.71

Dy. CE/HQ-cum-ADMN.,
For: CE(N),PSEB, JAL.

CE OPS Border
Voltage Fluctuation

Format Applicable to: Transmission System

Name of Sub-station	Voltage level	FY 2006-07						FY 2007-08 (Up to 9/2007)					
		Time during which Voltage remained in an year						Time during which Voltage remained in an year					
		More than upper limit in %		Between upper and lower limit %		Less than lower limit %		More than upper limit in %		Between upper and lower limit %		Less than lower limit %	
		Hours	%age#	Hours	%	Hours	%	Hours	%	Hours	%	Hours	%
		nil.....										
							nil.....					
Total													

Note:

Information to be provided for a few representative sub-stations

132KV

Upper limit at 110% and lower limit at 90%

220KV

Upper limit at 110% and lower limit at 90%

#Hours in preceding column as a percentage of total number of hours in period.

Relates to P&M organization.

CE OPS Border
Electrical Accidents

Format Applicable to: Transmission/ Distribution System

Transmission Zone	FY 2006-07		FY 2007-08	
	Fatal	Non fatal	Fatal	Non Fatal
Gurdaspur Circle.				
Board Employees	8	5	0	6
Private persons	9	0	6	2
Animals	3	0	3	0
Suburban Circle.				
Board Employees	0	3	2	3
Private persons	8	3	4	2
Animals	4	0	7	0
Taran Taran Circle.				
Board Employees	2	0	0	1
Private persons	6	1	5	1
Animals	0	0	0	0
City Circle.				
Board employees	2	0	0	0
Private persons	0	0	0	0
Animals.	0	0	0	0
Border Zone.				
Board employes	10	8	2	10
Private persons	23	4	15	5
Animals	7	0	10	0
Entire State				
Board Employees				
Private persons				
Animals				

Note: Information to be separately provided for Transmission and distribution system

CE OPS Border
Failure of Power Transformers

Format Applicable to: Transmission System

Sl. No.	Item	FY 2006-07			FY 2007-08(up to 9/2007)		
		No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)
	Transformation ratio						
1	Transformation ratio 1(66/11KV)	143	2	8.55	147	5	19
2	Transformation ratio 2(33/11KV)	5	0	0	5	0	0
3	Transformation ratio 3 (11/04KV)	47159	12677	264204	48415	9397	170747
4	Transformation ratio 4						
	Average duration of interruption						
5	Average duration of interruption per transformer for Transformation ratio 1			0.0.30	0.025		
6	Average duration of interruption per transformer for Transformation ratio 2			0	0		
7	Average duration of interruption per transformer for Transformation ratio 3			0.0004	0.0003		
8	Average duration of interruption per transformer for Transformation ratio 4						
	Average duration of interruption per transformer = Total duration of interruptions/ (No. of transformers x no. of failures)						

CE OPS Border
Overloaded Distribution Transformers (DTRs)

Format Applicable to Distribution System
Year 2006-07

S.No	Area	No. of DTRs in Area	No. of overloaded DTRs in area	% number of overloaded DTRs
A	66kV			
	Zone 1(South)			
	Zone 2 (Border)	143	41	28.67
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 66 kV	143	41	28.67
B	33kV			
	Zone 1(South)			
	Zone 2 (Border)	5	0	0
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 33 kV	5	0	0
C	11kV			
	Zone 1(South)			
	Zone 2 (Border)	47159	4804	10.18
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 11 kV	47159	4804	10.18
	Total for State at 66 kV			
	Total for State at 33 kV			
	Total for State at 11 kV			

CE OPS Border
Overloaded Distribution Transformers (DTRs)

Format Applicable to Distribution System

S.No	Area	No. of DTRs in Area	No. of overloaded DTRs in area	% number of overloaded DTRs
A	66kV			
	Zone 1(South)			
	Zone 2 (Border)	147	52	35.37
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 66 kV	147	52	35.37
B	33kV			
	Zone 1(South)			
	Zone 2 (Border)	5	0	0
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 33 kV	5	0	0
C	11kV			
	Zone 1(South)			
	Zone 2 (Border)	48415	3740	7.72
	Zone 3 (Central)			
	Zone 4 (North)			
	Zone 5 (West)			
	Sub-Total 11 kV	48415	3740	7.72
	Total for State at 66 kV			
	Total for State at 33 kV			
	Total for State at 11 kV			

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average 1 hour per day.

CE OPS Border
Major System Occurrences

Format Applicable to: Transmission System

Sl. No.	Disturbances	FY 2006-07		FY 2007-08	
		Number	Total Duration (Hrs)	Number	Total Duration (Hrs)
A	Occurrences where distribution system supply has been effected for more than 1hr				
1	Due to 132 kV transformer failures				
2	Due to 132 kV transmission line outage				
3	Due to 132 kV Sub-station equipment (CT, CVT etc) failure				
4	Due to 220 kV transformer failure				
5	Due to 220 kV transmission line failure				
6	Due to 220 kV Sub-station equipment (CT, CVT etc) failure				
B	Estimated unserved energy* due to such interruptions				
C	Other Occurrences where distribution system supply has not been effected.				
1	Due to 132 kV transformer failures				
2	Due to 132 kV transmission line outage				
3	Due to 132 kV Sub-station equipment (CT, CVT etc) failure				
4	Due to 220 kV transformer failure				
5	Due to 220 kV transmission line failure				
6	Due to 220 kV Sub-station equipment (CT, CVT etc) failure				

*Unserved Energy = Load prior to the disturbance x No. of Hours of interruption

CE OPS Border
Abstract of Outages due to feeder tripping

Format Applicable to: Transmission/ Distribution System

S.No	Item	FY 2006-07			FY 2007-08(Up to 9/2007)		
		No. of feeders	No. of Trippings	Total Duration of Trippings (Hrs)	No. of feeders	No. of Trippings	Total Duration of Trippings (Hrs)
1	Feeder voltage Level 66KV	88	268	216.15	90	184	75.20
2	Feeder voltage level 33KV	2	112	21.20	2	78	18.40
3	Feeder voltage Level 11KV	1079	128714	86819.55	1107	84631	65406.56
4	Average duration of interruption per feeder for voltage level 1	0.0091			0.0045		
5	Average duration of interruption per feeder for voltage level 2	0.094			0.1179		
6	Average duration of interruption per feeder for voltage level 3	0.00062			0.00069		

Note: Information to be separately provided for Transmission and distribution system
Voltage levels (Transmission) are 220kV, 132kV while for Distribution it is 66 kV, 33kV and 11kV
Average interruption per feeder = total duration of interruptions/(no. of feeders x no. of trippings)

CE OPS Border
Number of Service Connection Applications Pending

Format Applicable to Distribution System

Category	Pending at the beginning of the period	Associated Load (MW)	No. of Applications Received during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Year 2006-07 upto 30.9.07	
							Pending at the end of the period	Associated Load (MW)
Domestic	4297	5.28	17367	18.497	12748	14.959	8820	8.641
Non-residential	666	4.176	2865	17.969	2304	9.575	1088	12.269
Small Power	176	1.624	295	2.795	258	2.516	193	1.730
Medium Supply	41	1.71	30	2.013	34	1.819	31	1.64
Large Supply	37	9.292	19	5.05	36	8.17	18	4.206
Public Water Works	145	1.595	80	1.230	64	0.645	128	1.349
Agriculture	56980	171.446	21842	98.704	404	1.405	78258	268.184
Others	11	0.218	7	0.153	0	0	13	0.389
Total	62353	195.341	42505	146.411	15848	39.089	88549	298.408

The information to be provided for the previous year and the current year

Category	Pending at the beginning of the period	Associated Load (MW)	No. of Applications Received during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Year 2006-07	
							Pending at the end of the period	Associated Load (MW)
Domestic	3811	5.393	26460	31.996	25831	31.917	4297	5.28
Non-residential	761	3.229	4787	15.611	4833	14.492	666	4.176
Small Power	227	2.000	576	5.602	583	5.564	176	1.624
Medium Supply	31	1.584	104	5.427	89	5.05	41	1.71
Large Supply	6	5.142	56	15.487	23	10.108	37	9.292
Public Water Works	60	0.571	214	2.678	116	1.407	145	1.595
Agriculture	39134	109.204	23999	100.022	5794	16.778	56980	171.446
Others	21	2.042	16	1.115	23	0.737	11	0.218
Total	44051	129.165	56212	177.938	37292	86.053	62353	195.341

Format 59 (A)

CE OPS Border
Overloaded Feeders

Format Applicable to: Transmission/ Distribution System

Central

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length overloaded feeders
	FY 2005-06						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV		<i>Not applicable</i>				
3	Voltage Level 11 KV						
	Total						
	FY 2006-07						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total						

Note: Information to be separately provided for Transmission and distribution system

Voltage levels (Transmission) are 220kV, 132kV while for Distribution it is 66 kV, 33kV and 11kV

Equipment considered as overloaded if carrying more than 110% of rated load for average 1 hour per day.

West

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length overloaded feeders
	FY 2005-06						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total		<i>Not applicable.</i>				
	FY 2006-07						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						

	Total						
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CE OPS Border

Format 59 (B)

Format Applicable to: Transmission/ Distribution System

North

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length overloaded feeders
	FY 2005-06						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total		<i>Not applicable</i>				
	FY 2006-07						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total						

Border

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length overloaded feeders
	FY 2006-07						
1	Voltage Level 66 KV	88	930.49	5	77	5.68	8.28
2	Voltage Level 33 KV	2	65.61	0	0	0	0
3	Voltage Level 11 KV	1079	21323	154	3013.29	14.27	14.13
	Total						
	FY 2007-08						
1	Voltage Level 66 KV	90	940.49	5	77	5.55	8.18
2	Voltage Level 33 KV	2	65.61	0	0	0	0
3	Voltage Level 11 KV	1107	21764	187	3188.585	16.89	14.65
	Total						

CE OPS Border

Format 59 (C)

Format Applicable to: Transmission/ Distribution System

South

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length overloaded feeders
	FY 2005-06						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total		<i>Not applicable</i>				
	FY 2006-07						
1	Voltage Level 66 KV						
2	Voltage Level 33 KV						
3	Voltage Level 11 KV						
	Total						

CE OPS Border
Status of No. of employees in PSEB

Ending	Sanctioned Strength			Actual Deployment		
	Regular	W/C	Total	Regular	W/C	Total
31.3.2002	12945	1894	14839	12169	1894	14063
31.3.2003	12939	1917	14858	12115	1917	14032
31.3.2004	12734	1917	14641	11576	1917	13483
31.3.2005	12734	1907	14641	11576	1907	13483
31.3.2006	12642	1721	14363	11201	1721	12922
30.9.2006	12463	1642	14105	10750	1642	12415
31.12.2006	12491	1468	13959	10833	1468	12301
31.03.2007	12443	1467	13910	10705	1467	12172
30.9.2007	12408	1345	13753	10661	1345	12006

S. No.	Item	No.
	Actual no. of employees as on 31/3/2007	
	Functional identification of employees	
i	Generation	
ii	Transmission	
iii	System Operation	
iv	Distribution	12231
v	Head office	
vi	Others	
	Total	

No. of retirements during

Particulars	FY 2005-06	FY 2006-07	FY 2007-08
Class A	2	2	2
Class B	14	16	6
Class C	357	363	357
Class D	22	16	24
Total	388	396	389

Voltage Fluctuation

Format-51

Name of Sub-station	Voltage Level	FY 2005-06						FY 2006-07					
		Time during which Voltage remained in an year						Time during which Voltage remained in an year					
		More than upper limit in %		Between upper and lower limit %		Less than lower limit %		More than upper limit in %		Between upper and lower limit %		Less than lower limit %	
		Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age	Hours	%age
		Relates to P&M organisation											

Note:

Information to be provided for a few representative sub-stations.

132 KV Upper limit at 110% and lower limit at 90%

220 KV Upper limit at 110% and lower limit at 90%

#Hours in preceding column as a percentage of total number of hours in period.

**SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.**

my.D/ARR/format51

Electric Accidents Under West Zone, Bathinda.

(Format-53)

Format Applicable to: Distribution System

West Zone	FY 2005-06		FY-07-08 (31-10-07)	
	Fatal	Non fatal	Fatal	Non fatal
Board Employees	6	19	6	10
Private persons	16	4	6	4
Animals	6	0	9	0
Total	28	23	21	14

SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.

FAILURE OF POWER TRANSFORMERS

Format 54

Format Applicable to : Transmission System

Sr. No	Item	FY 2006-07			FY 2007-08 (Up to 31-10-07)		
		No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)
Transmission ratio							
1	Transmission ratio 1(66/11KV)	126	4	38.00	141	2	19.00
2	Transmission ratio 2(33/11KV)	65	-	-	57	-	-
3	Transmission ratio 3(11/0.4KV)	60807	10074	302762	63589	6117	183839
4	Transmission ratio 4	-	-	-	-	-	-
	Average duration of interruption						
5	Average duration of interruption per transformer for transformer ratio 1		0.0754			0.0674	
6	Average duration of interruption per transformer for transformer ratio 2		-			-	
7	Average duration of interruption per transformer for transformer ratio 3		0.0005			0.0005	
8	Average duration of interruption per transformer for transformer ratio 4		-			-	

Average duration of interruption for transformer = total erection of interruption (No. of transformer x no. of failures)

**SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.**

Format 55 A

OVERLOADED DISTRIBUTION TRANSFORMERS (DTRs)

Format Applicable to : Distribution System

Sr. No	Area	Year 2006-07		
		No. of DTRs in Area	No. of overloaded	% number of overloaded
A	66 KV	113	22	19.47
B	33 KV	65	12	18.46
C	11 KV	60807	6434	10.58
Total for State at 66 KV		-	-	-
Total for State at 33 KV		-	-	-
Total for State at 11 KV		-	-	-

my.D/ARR/format-55 A

SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.

OVERLOADED DISTRIBUTION TRANSFORMERS (DTRs)

Format Applicable to : Distribution System

Sr. No	Area	Year 2007-08 (Upto 31-10-07)		
		No. of DTRs in Area	No. of overloaded	% number of overloaded DTRs
A	66 KV	141	20	14.18
B	33 KV	57	8	14.04
C	11 KV	63589	6686	10.51
Total for State at 66 KV		-	-	-
Total for State at 33 KV		-	-	-
Total for State at 11 KV		-	-	-

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average hour per day. The information to be provided separately for the previous year and the current year.

**SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.**

ABSTRACT OF OUTAGES DUE TO FEEDER TRIPPINGS

Format 57

Format Applicable to : Transmission/Distribution System

Sr. No	Item	FY 2006-07			FY 2007-08(Upto 31-10-07)		
		No. of Feeders	No. of Trippings	Total Duration of trippings (Hrs.)	No. of Feeders	No. of Trippings	Total Duration of trippings (Hrs.)
1	Feeder voltage Level 66 KV	84	741	217.04	90	503	147.50
2	Feeder voltage Level 33 KV	34	753	1245.20	28	101	169.00
3	Feeder voltage Level 11 KV	1225	96787	28053	1255	74407	21567
5	Average duration of interruption per Feeder for voltage level 66 KV		0.0035			0.0033	
6	Average duration of interruption per Feeder for voltage level 33 KV		0.0486			0.0598	
7	Average duration of interruption per Feeder for voltage level 11 KV		0.0002			0.0002	

Note :- Information to be separately provided for Transmission and Distribution system voltage levels (Transmission) are 220 KV, 132 KV while for Distribution it is 66 KV, 33 KV & 11 KV. Average interruption per feeder = total duration of interruption/ (no of feeders* no of trippings)

**SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.**

NUMBER OF SERVICES CONNECTION APPLICATIONS PENDING

Format 58

Format Applicable to : Distribution System

Sr. No	Category	Pending at the beginning of the period	Associated Load (M.W)	No. of Applications received during period	Associated load (M.W)	No. of Connections released during period	Associated load (M.W)	Pending at the end of the period	Associated load (M.W)
1	Domestic	6945	14.823	24668	35.650	15843	25.350	15770	25.123
2	Non-residential	868	3.692	3165	12.360	2418	8.600	1615	7.452
3	Small Power	303	3.194	242	12.580	269	2.150	276	13.624
4	Medium Supply	51	2.852	127	8.250	88	5.450	90	5.652
5	Large Supply	19	6.185	100	35.012	53	16.269	66	24.928
6	Public Water Works	42	0.603	54	0.950	51	0.914	45	0.639
7	Agriculture	145783	543.347	47414	204.650	1610	6.982	191587	741.015
8	Others	7	0.128	23	0.483	12	0.041	18	0.5705
	Total	154018	574.824	75793	309.935	20344	65.756	209467	819.004

The information to be provided for the previous year and the current year.

Sr. No	Category	Pending at the beginning of the period	Associated Load (M.W)	No. of Applications received during period	Associated load (M.W)	No. of Connections released during period	Associated load (M.W)	Pending at the end of the period	Associated load (M.W)
1	Domestic	3681	4.212	30358	41.335	27757	43.136	6945	14.823
2	Non-residential	589	4.083	4724	16.657	4438	17.226	868	3.692
3	Small Power	280	2.983	529	5.165	450	4.458	303	3.194
4	Medium Supply	35	2.058	159	9.505	118	8.062	51	2.852
5	Large Supply	19	2.075	56	17.012	41	12.269	19	6.185
6	Public Water Works	54	0.556	40	0.750	50	0.714	42	0.603
7	Agriculture	108442	392.923	48522	207.318	9979	50.982	145783	543.347
8	Others	14	0.082	3	0.063	8	0.027	7	0.128
	Total	113114	408.972	84391	297.805	42841	136.874	154018	574.824

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SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.

OVERLOADED FEEDERS

Format 59A

Format Applicable to : Transmission/Distribution System

Sr. No	Voltage Level	No. of Feeders	Line Length (ckt.km)	No. of Feeders overloaded	Line Length overloaded Feeders (ckt.km)	%age number of Overloaded Feeders	%age Length of overloaded Feeders
Year 2005-06							
1	Voltage Level 66 KV	84	612.10	1	23	1.19	3.76
2	Voltage Level 33 KV	33	520.48	-	-	-	-
3	Voltage Level 11 KV	1225	36686.5	187	5267	15.27	14.36
Year 2007-08 FY(Upto 31-10-07)							
5	Voltage Level 66 KV	90	626.10	1	23	1.11	3.67
6	Voltage Level 33 KV	28	506.48	-	-	-	-
7	Voltage Level 11 KV	1255	37731	180	5070	14.34	13.44

More information to be separately provided for transmission and distribution system voltage levels (Transmission) are 220 KV, 132 KV while for distribution it is 66 KV, 33 KV & 11 KV equipment considered as overloaded if carrying more than 110% of rated load for average 1 hours per day.

**SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.**

Form: Number of Service Connection Applications Pending

Format-58

Format Applicable to Distribution System

Year: **2007-08**

Category	Pending at the beginning of the period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	381	818	314	437	1950	0.518	1825	0.299	460	2285.817
NRS	19	89	67	58	233	1.013	30559	0.21	330	30890.223
SP	56	69	51	75	251	0.892	1007	0.584	1337	2345.476
MS	68	94	18	35	215	4.171	5835	1.028	2779	8619.199
LS	6	5	13	48	72	2.114	7482	7.281	55648	63139.395
PWW	15	25	20	21	81	0.222	315	0.321	281	596.543
AP	596	679	19545	16093	36913	2.363	2377	66.23	57425	59870.593
Others	41	58	0	7	106	0.218	369	0	71	440.218
	0	0	0	0	0	0	0	0	0	0
Total	1182	1837	20028	16774	39821	11.511	49769.000	75.953	118331.000	168187.464

Category	No. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	4119	5364	3508	2473	15464	5.982	6657.000	3.802	2874.000	9540.784
NRS	1181	420	638	454	2693	3.487	7200.000	2.608	1303.000	8509.095
SP	74	121	52	12	259	1.108	1190.000	0.593	39.000	1230.701
ms	72	90	17	3	182	4.529	5650.000	1.053	197.000	5852.582
LS	10	5	14	4	33	3.886	6450.000	4.410	1435.000	7893.296
PWW	15	18	5	1	39	0.168	350.000	0.147	9.000	359.315
AP	112	90	2203	737	3142	0.387	435.000	14.265	2987.000	3436.652
Others	29	40	0	2	71	0.187	255.000	0.000	21.000	276.187
					0					0.000
Total	5612	6148	6437	3686	21883	19.734	28187.000	26.878	8865.000	37098.612

Form: Number of Service Connection Applications Pending

Format-58

Format Applicable to Distribution System

Year:

Category	No. of Connections released during					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	4500	6182	3464	2910	17056	6.500	8482.000	3.711	3334.000	11826.211
NRS	1200	511	643	512	2866	4.500	37759.000	2.628	1633.000	39399.128
SP	70	149	58	40	317	1.100	1723.000	0.633	538.000	2262.733
ms	70	149	15	18	252	4.500	9288.000	0.846	1388.000	10681.346
LS	10	8	15	11	44	3.500	11352.000	7.491	9551.000	20913.991
PWW	20	30	6	4	60	0.240	412.000	0.157	49.000	461.397
AP	158	140	3914	510	4722	0.600	512.000	26.355	2177.000	2715.955
Others	40	62	0	4	106	0.255	394.000	0.000	41.000	435.255
					0					0.000
Total	6068	7231	8115	4009	25423	21.195	69922.000	41.821	18711.000	88696.016

Category	Pending at the end of the periodNo. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	0	0	358	0	358	0	0	0.39	0	0.39
NRS	0	-2	62	0	60	0	0	0.19	0	0.19
SP	60	41	45	47	193	0.9	474	0.544	838	1313.444
ms	70	35	20	20	145	4.2	2197	1.235	1588	3790.435
LS	6	2	12	41	61	2.5	2580	4.2	47532	50118.7
PWW	10	13	19	18	60	0.15	253	0.311	241	494.461
AP	550	629	17834	16320	35333	2.15	2300	54.14	58235	60591.29
Others	30	36	0	5	71	0.15	230	0	51	281.15
	0	0	0	0	0	0	0	0	0	0
Total	726	754	18350	16451	36281	10.05	8034	61.01	108485	116590.06

**Form: Number of Service Connection Applications Pending
Format-58**

Format Applicable to Distribution System

Year: **2007-08**

Category	Pending at the beginning of the period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	1	0	0	0	1	0.011	0.000	0.000	0.000	0.011
NRS	0	2	0	0	2	0.000	2.000	0.000	0.000	2.000
SP	51	51	33	58	193	0.648	765.000	0.358	1136.000	1902.006
MS	45	66	8	22	141	2.457	3519.000	0.443	1678.000	5199.900
LS	5	7	2	33	47	1.789	5419.000	5.315	53623.000	59049.104
PWW	17	23	11	24	75	0.320	148.000	0.084	324.000	472.404
AP	420	491	15460	12819	29190	1.695	1473.000	49.552	41256.000	42780.247
Others	33	40	0	7	80	0.162	300.000	0.000	71.000	371.162
Total	572	680	15514	12963	29729	7.082	11626.000	55.752	98088.000	109776.834

Category	No. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	3977	6311	3382	3749	17419	5.552	7832.000	3.794	4255.000	12096.346
NRS	199	491	630	542	1862	2.965	31803.000	2.590	1874.000	33682.555
SP	75	107	49	65	296	1.323	1054.000	0.540	846.000	1901.863
ms	74	95	18	27	214	5.032	5968.000	1.155	2111.000	8085.187
LS	6	3	18	28	55	2.414	4211.000	4.777	13312.000	17530.191
PWW	9	18	16	2	45	0.033	347.000	0.366	18.000	365.399
AP	178	188	4471	3483	8320	0.675	904.000	18.162	17061.000	17983.837
Others	18	36	0	6	60	0.101	127.000		62.000	189.101
Total	4536	7249	8584	7902	28271	18.095	52246.000	31.384	39539.000	91834.479

Form: Number of Service Connection Applications Pending
Format-58

Format Applicable to Distribution System

Year:

Category	No. of Connections released during					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	3597	5493	3068	3312	15470	5.045	6007.000	3.495	3795.000	9810.540
NRS	180	404	563	484	1631	1.952	1246.000	2.380	1544.000	2794.332
SP	70	89	31	48	238	1.079	812.000	0.314	645.000	1458.393
ms	51	67	8	14	140	3.318	3652.000	0.570	1010.000	4665.888
LS	5	5	7	13	30	2.089	2148.000	2.811	11287.000	13439.900
PWW	11	16	7	5	39	0.131	180.000	0.129	61.000	241.260
AP	2	0	386	209	597	0.007	0.000	1.484	892.000	893.491
Others	10	18	0	6	34	0.045	58.000	0.000	62.000	120.045
					0					
Total	3926	6092	4070	4091	18179	13.666	14103.000	11.183	19296.000	33423.849
										0.000

Category	Pending at the end of the periodNo. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	381	818	314	437	1950	0.518	1825	0.299	460	2285.817
NRS	19	89	67	58	233	1.013	30559	0.21	330	30890.223
SP	56	69	51	75	251	0.892	1007	0.584	1337	2345.476
ms	68	94	18	35	215	4.171	5835	1.028	2779	8619.199
LS	6	5	13	48	72	2.114	7482	7.281	55648	63139.395
PWW	15	25	20	21	81	0.222	315	0.321	281	596.543
AP	596	679	19545	16093	36913	2.363	2377	66.23	57425	59870.593
Others	41	58	0	7	106	0.218	369	0	71	440.218
	0	0	0	0	0	0	0	0	0	0
Total	1182	1837	20028	16774	39821	11.511	49769	75.953	118331	168187.464

Form: Number of Service Connection Applications Pending

Format-58

Format Applicable to Distribution System

Year: **2008-09 (Tentative)**

Category	Pending at the beginning of the period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	0	0	358	0	358	0	0	0.39	0	0.39
NRS	0	-2	62	0	60	0	0	0.19	0	0.19
SP	60	41	45	47	193	0.9	474	0.544	838	1313.444
MS	70	35	20	20	145	4.2	2197	1.235	1588	3790.435
LS	6	2	12	41	61	2.5	2580	4.2	47532	50118.7
PWW	10	13	19	18	60	0.15	253	0.311	241	494.461
AP	550	629	17834	16320	35333	2.15	2300	54.14	58235	60591.29
Others	30	36	0	5	71	0.15	230	0	51	281.15
	0	0	0	0	0	0	0	0	0	0
Total	726	754	18350	16451	36281	10.050	8034.000	61.010	108485.000	116590.060

Category	No. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	8300	14000	6741	6222	35263	8.500	17385.000	8.296	7129.000	24530.796
NRS	1540	1095	1302	996	4933	4.800	35540.000	5.198	3177.000	38726.998
SP	130	275	98	77	580	2.300	2692.000	1.095	885.000	3580.395
ms	115	215	31	30	391	7.300	13360.000	2.110	2308.000	15677.410
LS	27	12	33	32	104	10.400	12000.000	8.250	14747.000	26765.650
PWW	45	42	18	3	108	0.930	800.000	0.504	27.000	828.434
AP	100	227	4781	4220	9328	0.350	1540.000	21.400	20048.000	21609.750
Others	30	90	0	8	128	0.200	455.000	0.000	83.000	538.200
					0					0.000
Total	10287	15956	13004	11588	50835	34.780	83772.000	46.853	48404.000	132257.633

Form: Number of Service Connection Applications Pending

Format-58

Format Applicable to Distribution System

Year:

2008-09

Category	No. of Connections released during					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	8300	14000	7099	6222	35621	8.500	17385.000	8.686	7129.000	24531.186
NRS	1540	1095	1364	996	4995	4.800	35540.000	5.388	3177.000	38727.188
SP	170	285	112	88	655	2.900	2850.000	1.268	1183.000	4037.168
ms	160	225	33	32	450	10.000	14000.000	2.317	2398.000	16410.317
LS	30	11	33	24	98	11.500	11664.000	9.174	20838.000	32522.674
PWW	50	48	22	9	129	1.000	840.000	0.552	110.000	951.552
AP	200	200	4300	719	5419	0.495	895.000	7.246	3069.000	3971.741
Others	50	113	0	10	173	0.300	615.000	0.000	103.000	718.300
					0					0.000
Total	10500	15977	12963	8100	47540	39.495	83789.000	34.631	38007.000	121870.126

Category	Pending at the end of the periodNo. of Applications Received during period					Associated Load (MW)				
	East	West	S/urban	Khanna	Total	East	West	S/urban	Khanna	Total
DS	0	0	0	0	0	0	0	0	0	0
NRS	0	-2	0	0	-2	0	0	0	0	0
SP	20	31	31	36	118	0.3	316	0.371	540	856.671
ms	25	25	18	18	86	1.5	1557	1.028	1498	3057.528
LS	3	3	12	49	67	1.4	2916	3.276	41441	44361.676
PWW	5	7	15	12	39	0.08	213	0.263	158	371.343
AP	450	656	18315	19821	39242	2.005	2945	68.294	75214	78229.299
Others	10	13	0	3	26	0.05	70	0	31	101.05
	0	0	0	0	0	0	0	0	0	0
Total	513	733	18391	19939	39576	5.335	8017	73.232	118882	126977.567

Form: Number of Service Connection Applications Pending

Format-58									
Category	Pending at the beginning of the period	Associated Load (MW)	No. of Applications Received during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Year:		(upto 31.12.06 Associated Load (MW))
							Pending at the end of the period	2006.07	
Domestic	101	0.308	24025	39.364	22840	37.642	1286		2.03
Non-residential	53	0.448	5830	18.645	5755	18.418	128		0.675
Small Power	188	2.765	417	6.001	348	5.012	257		3.754
Medium Supply	119	7.104	256	14.893	189	11.809	186		10.188
Large Supply	54	63.671	55	36.235	46	36.367	63		63.539
Public Water Works	57	0.699	107	1.381	59	0.7	105		1.38
Agriculture	25164	76.177	2238	8.64	1852	6.608	25550		78.209
Others	50	0.378	98	0.704	69	0.743	79		0.339
	0	0.000	0	0	0	0	0		0
Total	25786	151.55	33026	125.863	31158	117.299	27654		160.114

Category	Pending at the beginning of the period	Associated Load (MW)	No. of Applications Received during period	Associated Load (MW)	No. of Connections released during period	Associated Load (MW)	Year:		1.1.07 to 31.3.07 Associated Load (MW)
							Pending at the end of the period	2006.07	
Domestic	1286	2.03	7249	12.132	7662	12.687	873		1.475
Non-residential	128	0.675	1426	4.481	1455	4.574	99		0.582
Small Power	257	3.754	115	1.783	157	2.267	215		3.27
Medium Supply	186	10.188	50	2.936	105	6.603	131		6.521
Large Supply	63	63.539	10	6.534	19	14.257	54		55.816
Public Water Works	105	1.38	42	0.666	55	0.896	92		1.15
Agriculture	25550	78.209	763	2.869	949	3.359	25364		77.719
Others	79	0.339	13	0.085	45	0.268	47		0.156
	0	0	0	0.000	0	0	0		0
Total	27654	160.114	9668	31.486	10447	44.911	26875		146.689

Dy.CE/HQ.,
O/O CE/OP, Central, LDH.

Overloaded Feeders

Format Applicable to: Transmission/ Distribution System

Format 59 A

Sl. No.	Voltage Level	No. of Feeders	Line length (ckt. km)	No. of feeders overloaded	Line length overloaded feeders (ckt. km)	% number of Overloaded Feeders	% length of overloaded feeders
Ending 30.9.07							
1	Voltage Level 66KV	126	643.5	4	33	3.17	5.12
2	Voltage Level 33KV	1	6	0	0	0	0
3	Voltage Level 11KV	896	12588	197	2790	21.98	22.16
1.10.07 to 31.3.08							
1	Voltage Level 66KV	129	667.5	3	25	2.32	3.74
2	Voltage Level 33KV	1	6	0	0	0	0
3	Voltage Level 11KV	918	12916	174	2536	18.95	19.63
2008-09							
1	Voltage Level 66KV	133	696	3	30	2.25	4.31
2	Voltage Level 33KV	1	6	0	0	0	0
3	Voltage Level 11KV	944	13247	147	1890.5	15.57	14.27

Note: Information to be separately provided for Transmission and distribution system

Voltage levels (Transmission) are 220kV, 132kV while for Distribution it is 66 kV, 33kV and 11kV

Equipment considered as overloaded if carrying more than 110% of rated load for average 1 hour per day.

SE/HQ,
O/O CE/OP., Central Zone, LDH.

Abstract of Outages due to feeder tripping

Format Applicable to: Transmission/ Distribution System

Format-57

S.No	Item	upto 30.9.07			1.10.07 to 31.3.07			2008-09		
		No. of feeders	No. of Trippings	Total Duration of Trippings (Hrs)	No. of feeders	No. of Trippings	Total Duration of Trippings (Hrs)	No. of feeders	No. of Trippings	Total Duration of Trippings (Hrs)
1	Feeder voltage Level 66KV	126	264	476.23	129	160	182.12	133	424	658.35
2	Feeder voltage level 33KV	1	0	0	1	0	0.00	1	0	0.00
3	Feeder voltage Level 11KV	896	29463	982	918	18560	618.6	944	47950	1580
4	Average duration of interruption per feeder for voltage level 66KV	0.0140			0.009			0.011		
5	Average duration of interruption per feeder for voltage level 33KV	0			0.00			0.00		
6	Average duration of interruption per feeder for voltage level 11KV	0.00004			0.00003			0.00003		

Note: Information to be separately provided for Transmission and distribution system
 Voltage levels (Transmission) are 220kV, 132kV while for Distribution it is 66 kV, 33kV and 11kV
 Average interruption per feeder = total duration of interruptions/(no. of feeders x no. of trippings)

SE/HQ,
O/O CE/Op.Central ,LDH.

Electrical Accidents**Format-53**

Format Applicable to: Transmission/ Distribution System

Transmission Zone	2007-08		2008-09	
	Fatal	Non fatal	Fatal	Non Fatal
East Circle, Ludhiana				
Board Employees	1	2	2	4
Private persons	3	1	1	0
Animals	0	0	0	0
West Circle, Ludhiana				
Board Employees	2	1	1	1
Private persons	3	0	0	0
Animals	0	0	0	0
Sub.Circle, Ludhiana.				
Board Employees	2	7	2	1
Private persons	5	1	1	0
Animals	5	0	1	0
Khanna Circle.				
Board employees	2	6	4	5
Private persons	1	4	1	0
Animals	1	0	1	0
Central Zone Ludhiana.				
Board employees	7	16	9	11
Private persons	12	6	3	0
Animals	6	0	2	0
Entire State				
Board Employees				
Private persons				
Animals				

*Note: Information to be separately provided for
Transmission and distribution system*

**SE/HQ.,
For CE/OP Central Ludhiana.**

Overloaded Distribution Transformers (DTRs)

Format Applicable to Distribution System

Year: 1.10.07 to 31.3.08

S.No	Area	No. of DTRs in Area	No. of overloaded DTRs in area	% number of overloaded DTRs	55 B
A	66kV				
	City East Circle, Ludhiana	59	0	0.00	
	City West Circle, Ludhiana	0	0	0.00	
	Sub.Circle, Ludhiana.	33	7	21.21	
	Khanna Circle	56	6	10.71	
	Sub-Total 66 kV	148	13	8.78	
B	33kV				
	City East Circle, Ludhiana	0	0	#DIV/0!	
	City West Circle, Ludhiana	0	0	#DIV/0!	
	Sub.Circle, Ludhiana.	1	0	0.00	
	Khanna Circle	0	0	#DIV/0!	
	Sub-Total 33 kV	1	0	0.00	
C	11kV				
	City East Circle, Ludhiana	3575	160	4.48	
	City West Circle, Ludhiana	4660	212	4.55	
	Sub.Circle, Ludhiana.	11852	1090	9.20	
	Khanna Circle	11285	2800	24.81	
	Sub-Total 11 kV	31372	4262	13.59	
	Total for State at 66 kV	148	13	8.78	
	Total for State at 33 kV	1	0	0.00	
	Total for State at 11 kV	31372	4262	13.59	

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average 1 hour per day.

The information to be provided separately for the previous year and the current year.

SE/HQ,

O/O CE/OP, Central Zone, LDH.

Overloaded Distribution Transformers (DTRs)

Format Applicable to Distribution System Year: 2008-09 (Tentative)

S.No	Area	No. of DTRs in Area	No. of overloaded DTRs in area	% number of overloaded DTRs	55 B
A	66kV				
	City East Circle, Ludhiana	60	0	0.00	
	City West Circle, Ludhiana	0	0	#DIV/0!	
	Sub.Circle, Ludhiana.	33	9	27.27	
	Khanna Circle	58	4	6.90	
	Sub-Total 66 kV	151	13	8.61	
B	33kV				
	City East Circle, Ludhiana	0	0	0	
	City West Circle, Ludhiana	0	0	0	
	Sub.Circle, Ludhiana.	1	0	0	
	Khanna Circle	0	0	0	
	Sub-Total 33 kV	1	0	0	
C	11kV				
	City East Circle, Ludhiana	3800	70	1.84	
	City West Circle, Ludhiana	4730	190	4.02	
	Sub.Circle, Ludhiana.	12724	750	5.89	
	Khanna Circle	13000	2600	20.00	
	Sub-Total 11 kV	34254	3610	10.54	
	Total for State at 66 kV	151	13	8.61	
	Total for State at 33 kV	1	0	0.00	
	Total for State at 11 kV	34254	3610	10.54	

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average 1 hour per day.

The information to be provided separately for the previous year and the current year.

SE/HQ,
O/O CE/OP, Central Zone, LDH.

Overloaded Distribution Transformers (DTRs)

Format Applicable to Distribution System

Year: ending 30.9.07

S.No	Area	No. of DTRs in Area	No. of overloaded DTRs in area	% number of overloaded DTRs	55 B
A	66kV				
	City East Circle, Ludhiana	59	0	0.00	
	City West Circle, Ludhiana	0	0	0.00	
	Sub.Circle, Ludhiana.	32	6	18.75	
	Khanna Circle	54	6	11.11	
	Sub-Total 66 kV	145	12	8.28	
B	33kV				
	City East Circle, Ludhiana	0	0	#DIV/0!	
	City West Circle, Ludhiana	0	0	#DIV/0!	
	Sub.Circle, Ludhiana.	1	0	0.00	
	Khanna Circle	0	0	#DIV/0!	
	Sub-Total 33 kV	1	0	#DIV/0!	
C	11kV				
	City East Circle, Ludhiana	3482	194	5.57	
	City West Circle, Ludhiana	4596	237	5.16	
	Sub.Circle, Ludhiana.	11342	1391	12.26	
	Khanna Circle	11265	3052	27.09	
	Sub-Total 11 kV	30685	4874	15.88	
	Total for State at 66 kV	145	12	8.28	
	Total for State at 33 kV	1	0	0.00	
	Total for State at 11 kV	30685	4874	15.88	

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average 1 hour per day.

The information to be provided separately for the previous year and the current year.

SE/HQ,

O/O CE/OP, Central Zone, LDH.

Failure of Power Transformers

Format-54

Format Applicable to: Transmission System

Sl. No.	Item	Ending 30.9.07			1.10.07 to 31.3.08			2008-09		
		No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure
	Transformation ratio									
1	Transformation ratio 1	0	0	0	0	0	0	0	0	0
2	Transformation ratio 2	0	0	0	0	0	0	0	0	0
3	Transformation ratio 3 66KV	145	90	456.4	148	65	327.4	151	145	735.2
4	Transformation ratio 4 33KV	1	0	0	1	0	0	1	0	0
	Average duration of interruption									
5	Average duration of interruption per transformer for Transformation ratio 1	0			0			0		
6	Average duration of interruption per transformer for Transformation ratio 2	0			0			0		
7	Average duration of interruption per transformer for Transformation ratio 3	0.034			0.034			0.033		
8	Average duration of interruption per transformer for Transformation ratio 4	0			0			0		

Average duration of interruption per transformer = Total duration of interruptions/
(No. of transformers x no. of failures)

SE/HQ.,
O/O CE/OP, Central Zone, LDH.

KIND ATTN - Mr. MANAN THAPAR

Page. - 1-10 - ①

01244620620

**PUNJAB STATE ELECTRICITY BOARD
OFFICE OF ER-IN-CHIEF/OP (SOUTH) PATIALA**

To

The SE/Tech to Member/D
PSEB, Patiala

Memo No. 8823/74/529 ARR
Dated. 23-1-07

Dairy No. 1696/2211-07

Subject:-

Supply of information on formats for filing
ARR/Tariff revision petition for the year 2008-09

Ref:-

Your office memo No. 5491/ 95 dt. 12.11.07

The subject cited information in reference to your
above noted memo no. in respect of South Zone is enclosed herewith
for your information and necessary action please.

DA/as above

EIC/Op.(South)

✓CC:- CE/Commercial, PSEB, Patiala.

Electrical Accidents

Format 53

Format Applicable to : Transmissin/ Distribution

Transmission Zone	FY 2006-07		FY 2007-08 (30.9.07)	
	Fatal	Non -Fatal	Fatal	Non-Fatal

Patiala Circle

Board Employees	4	7	4	8
Private person	5	2	3	1
Animal	2	0	3	0

Sangrur Circle

Board Employees	5	8	5	8
Private person	2	0	2	1
Animal	1	0	2	0

Ropar

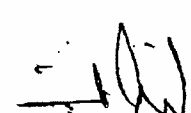
Board Employees	4	2	2	0
Private person	2	0	0	0
Animal	0	0	0	0

Mohali

Board Employees	2	5	2	5
Private person	4	0	1	0
Animal	0	0	0	0

South Zone

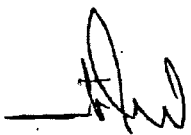
Board Employees	15	22	13	21
Private person	13	2	6	2
Animal	3	0	5	0


 EIC Operation/South
 P.S.E.B; Patiala.

are of Power Transmission
mat Applicable to :- Transmission System

Format 54

40.	Item	FY 2006-07 (Ending 31.3.07)			FY 2007-08 (Ending 30.9.07)		
		No. of Transmission (T/F)	No. of Failure	Total Duration of Failure(Hrs)	No. of Transmission (T/F)	No. of Failure	Total Duration of Failure(Hrs)
1	Transmission ratio 1(66/11KV)	189	4	16.45	201	2	10.25
2	Transmission ratio 2(33/11KV)	7	0	0	7	0	0.
3	Transmissin raatin3.(11/04KV)	69778	11549	176208	73403	8563	127859
4	Average Duration of interruption						
5	Average duratin of interruption per transmissin for transformation ratio 1 (66/11KV)		0.087			0.51	
6	Average duration of interruption per transmission for Transformation ratio 2 (33/11KV)		0			0	
7	Average duration of interruption per transmission for transformation ratio 3 (11/0.4)		2.52			1.74	
8	Average duration of interruption per transmissin for Transformation ratio 4						

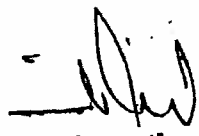

EIC Operator/South
P.S.E.B; Patiala.

Overloaded Distribution Transformers (DTRs)
Year 2006-07 & 2007-08

Format 55 A & B

Year 2006-07 & 2007-08

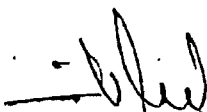
Sr.No.	Area	No. of DTRs in Area		No. of Overloaded DTRs Area		%age number of Overloaded DTRs	
		2006-07	2007-08	2006-07	2007-08	2006-07	2007-08
1 Patiala Circle							
A	66KV	69	70	18	16	26.09	22.86
B	33KV	0	0	0	0	0	0
C	11KV	24598	25973	4040	4455	16.42	17.15
2 Sangrur Circle							
A	66KV	76	85	24	40	31.58	47.08
B	33KV	0	0	0	0	0	0
C	11KV	29272	31020	7530	5498	25.72	17.72
3 Ropar Circle							
A	66KV	20	21	2	2	10	9.52
B	33KV	7	7	4	3	57.14	42.85
C	11KV	10513	10850	966	571	9.19	5.28
4 Mohali Circle							
A	66KV	24	25	0	0	0	0
B	33KV	0	0	0	0	0	0
C	11KV	5395	5560	0	101	0	1.81
5 Zone							
A	66KV	189	201	44	58	67.67	79.44
B	33KV	7	7	4	3	57.14	42.85
C	11KV	69778	73403	12536	10625	51.33	41.94


 EIC Operation/ South
 P.S.E.B; Patiala.

Abstract of Outage due to feeder tripping Under South Zone

Format 57

Sr. No.	Item	Previous Year 2006-07			Current Year 2007-08		
		No. of Feeders	No. of Trippings	Total Duration of tripping (Hrs)	No. of feeders	No. of trippings	Total Duration of tripping (Hrs)
1	Feeder Voltage 66 KV	140	215	179.57	148	178	135.36
2	Feeder Voltage 33 KV	5	30	1.3	5	14	16
3	Feeder Voltage 11 KV	1298	94361	29730.72	1356	73985	17272.79
4	Average Duration of interruptin per feeder for 66 KV	1.28			0.91		
5	Average Duration of interruptin per feeder for 33 KV	0.26			3.2		
6	Average Duration of interruptin per feeder for 11 KV	22.9			12.73		


 EIC Operation/South
 P.S.E.B; Patiala.

6

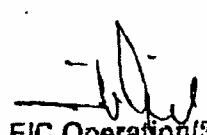
Number of Service Connection Applications pending

Format 58

For 2006-07

South Zone

Category	Pending at the beginning of the period	Associated load (MW)	No. of applications received during period	Associated load (MW)	No. of connections released during period	Associated load (MW)	Pending at The end of period	Associated load (MW)
Domestic	2649	6876	36644	58487	38271	61629	835	1868
Non-residential	803	4904	6297	25045	6854	25761	171	2346
Small Power	133	1420	523	6428	449	5475	167	1983
Medium Supply	65	3289	237	14255	178	10835	86	4989
Large Supply	42	30402	77	41921	67	40804	28	20905
Public Water works	41	572	168	2396	153	1993	40	712
Agriculture	65992	233412	12026	57171	9407	37658	68480	252183
Others	16	3421	32	2064	34	1652	6	3797
Total	69741	284296	56004	207767	55413	185607	69813	288783

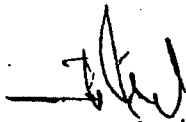

 EIC Operation/South
 P.S.E.B; Patiala.

Number of Service Connection Applications pending
South Zone

Format 53

Year 2007-08 upto 30.9.07

Category	Pending at the beginning of the period	Associated load (MW)	No. of applications received during period	Associated load (MW)	No. of connections released during period	Associated load (MW)	Pending at The end of period	Associated load (MW)
Domestic	835	1868	25223	35956	20995	29400	5029	8358
Non-residential	171	2346	2782	15625	2286	9628	654	7865
Small Power	167	1983	224	2749	233	2724	152	1941
Medium Supply	86	4989	375	21424	210	5305	244	20612
Large Supply	28	20905	121	54046	46	18980	102	55509
Public Water works	40	712	48	819	43	625	44	882
Agriculture	68480	252183	68116	276900	20198	65681	116055	461663
Others	6	3797	19	282	18	168	8	3771
Total	69813	288783	96908	407801	44029	132511	122288	560601


EIC Operation/South
P.S.E.B; Patiala.

Overloaded Feeders (Distribution System)

Format 59 C

Year 2006-07

Sr. No	Area	No. of feeders	Line Length (Ckt.K.M.)	No. of feeder Overloaded	Line length Overloaded feeders (Ckt K.M.)	%age No. of Overloaded feeders in Area	%age length of Overloaded feeders in Area
--------	------	----------------	-------------------------	--------------------------	--	--	---

1 Patiala

a	66KV	37	621.8	3	145.8	8.11	23.45
b	33KV	0	0	0	0	0	0
c	11KV	428	9424	99	2079	23.13	22.06

2 Sangrur

a	66KV	64	783.607	4	127.49	6.25	16.27
b	33KV	0	0	0	0	0	0
c	11KV	510	15048	123	2740	24.12	18.21

3 Ropar

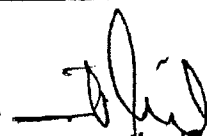
a	66KV	16	156	1	11	6.25	7.05
b	33KV	5	62.72	1	15	20	23.92
c	11KV	218	5520	23	59	10.55	1.07

4 Mohali

a	66KV	24	160	0	0	0	0
b	33KV	0	0	0	0	0	0
c	11KV	141	1987	10	180	7.09	9.06

South Zone

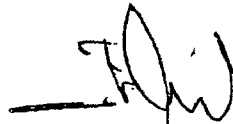
a	66KV	141	1721.407	8	284.29	5.67	16.51
b	33KV	5	62.72	1	15	20	23.91
c	11KV	1297	31979	255	5058	19.66	15.81


EIC Operation/South
P.S.E.B; Patiala.

Overloaded Feeders (Distribution System)
Year 2007-08 upto 30.9.07

Format 59 C

Sr. No	Area	No. of feeders	Line Length (Ckt.K.M.)	No. of feeder Overloaded	Line length Overloaded feeders (Ckt K.M.)	%age No. of Overloaded feeders in Area	%age length of Overloaded feeders in Area
1 Patiala							
a	66KV	37	621.8	3	145.8	8.11	23.45
b	33KV	0	0	0	0	0	0
c	11KV	448	9655	184	4718.447	41.07	48.87
2 Sangrur							
a	66KV	67	814	4	127.49	6.08	15.66
b	33KV	0	0	0	0	0	0
c	11KV	548	15379	126	2740	23.56	17.82
3 Ropar							
a	66KV	17	160	1	11	5.88	6.87
b	33KV	5	62.72	1	15	20	23.91
c	11KV	218	5537.5	34	65	15.89	1.117
4 Mohali							
a	66KV	27	178	0	0	0	0
b	33KV	0	0	0	0	0	0
c	11KV	142	2180	1	18	0.7	0.83
South Zone							
a	66KV	148	1773.8	8	284.29	5.4	45.98
b	33KV	5	62.72	1	15	20	23.91
c	11KV	1356	32751.5	345	7541.447	25.44	23.02


 EIC Operation/South
 P.S.E.B; Patiala.

KIND ATTN. MAHENDRA T. J. J. J.

METERING ACTION PLAN FOR 2007-08 US AS ON - 31.10.07

Sr. No.	Category of consumers/ Installations	Total No. of connections/ Installations as on 31.3.2007	Electro-Mech. or Electronic Meters Installed as on 31-3-2007	No. of meters on issue	Electronic meters Issued during 1.4.07 to 31.10.07		Balance Electronic Meters required	Remarks
					Electronic	Electro Mech.		
1.	220/132/66/33/11 KV Feeder	7667	740		25		322	65 nos. meters are on stock to meet with additional requirement of damaged/defective meters.
2.	Large supply	4516	4516		703			348 nos. meter are on stock to meet with additional requirement of damaged/defective meters.
3.	Medium supply	21855	21855		850			1392 No. Meters are on stock
4.	Meters for LT side of DTRs	250 Lac	404.7		48		2.27 Lac.	1 meter is on stock.
5.	Small Power & 3 Phase DS/NRS	345377	34577		23723		0.02 Lac.	9786 meters are on stock.
6.	1 Phase DS/NRS	48.20 Lac	48.2 Lac.		188091		9.09 Lac	3748 meters are on stock.
7.	Agriculture Power	970 Lac	677.3			1535	9.22 Lac	This includes 53457 No. (35894 Electronic & 17463 Electro-Mech.) Meters installed by SLSC to assess power consumption by AP flat rate consumers

Note: The data upto 31.3.07 has been updated on basis of information from field/MIR/Planning.

* Data of feeders will be updated after receipt of complete information.

** This figure is on the basis of issue of meters from M.E. Labs.

Encl. No. 8967/70 JCMT 499

27-11-07

Copy of the above is forwarded to the following for information necessary action please:-

1. Chief Engineer/Planning, PSEB, Patiala.
2. S.E. (I) to Member, PSEB, Patiala.
3. OSD to Chairman, PSEB, Patiala.
4. SE/Metering Circle, PSEB, Jalandhar.

Chief Engineer/HCM
Patiala

27/11/07

KIND ATTN: METERING

METERING ACTION PLAN FOR 2007-08 STATUS AS ON 31-3-07

Sl. No.	Type of supply	Total No. of connections/ installations as on 31.3.2007	Electro-Mech or Electronic Meters installed as on 31-3-2007	Electronic Meters existing as on 31.3.07	Electronic meters issued during 1-1-07 to 30.9.07		Remarks
					Electronic	Electronic	
1	33/11 KV	7661	7400	7314	20		81 nos. meters are on stock to meet additional requirement of damaged/defective meters
2	Large supply	4513	4513	4516	335		113 nos. meter are on stock to meet additional requirement of damaged/defective meters
3	Medium supply	21655	21655	21653	606		1420 Nos. Meters are on stock.
4	Meters for LT side of DTRs	2.50 Lac	40427	23069	0		1 meter is on stock.
5	Small Power & 3 Phase DS/NRS	345377	345377	320085	138		13218 meters are on stock.
6	1 Phase DS/NRS	48.20 Lac	48.20 Lac	26.35 Lac	10419		1023 meters are on stock.
7	Agriculture Power	9.70 Lac	67728	46758		15	This include 52457 Nos. 208934 Electronic & 17453 Electro-Mech) Meters installed by SLSC to assess power consumption of flat rate consumers.

Note: The data upto 31.3.07 has been updated on basis of information received from MIP/Planning. Data of feeders will be updated after receipt of complete information from field.

Endst. No. 8211/14 /CMT 495

Dated 25/10/07

Copy of the above is forwarded to the following for information & further necessary action please

1. Chief Engineer/Planning, PSEB, Patiala
2. S.E. (I) to Member/D, PSEB, Patiala
3. OSD to Chairman, PSEB, Patiala.
4. SE/Metering Circle, PSEB, Jalandhar.

Superintending Engineer PSEB, Patiala

Segregation of expenses as in FY06-07 (Rs. Crores)								
Sl. No.	Particular	Total		Generation	Transmission	Distribution	Common Assets/ Expenses	Remarks
	A- Assets							
1	Assets	14778.82	Direct	8786.26	1731.10	4124.72		
			Apportioned	82.05	16.17	38.52	136.74	General Assets Trifurcated in ratio of Assets
			Total	8868.31	1747.27	4163.24		
	B- Expenses							
1	Employee Cost	1869.18	Direct	261.99	123.02	1062.73		
			Apportioned	76.27	35.81	309.36	421.44	General Expenses Trifurcated in ratio of Direct Expenses
			Total	338.26	158.83	1372.09		
	Capitalization	113.15		20.48	9.61	83.06		
			Net of Cap	317.78	149.22	1289.03		
2	R&M Cost	286.99	Direct	128.59	37.76	64.02		
			Apportioned	31.60	9.28	15.73	56.61	General Expenses Trifurcated in ratio of Direct Expenses
			Total	160.19	47.04	79.76		
	Capitalization	2.50		1.40	0.41	0.69		
			Net of Cap	158.80	46.63	79.06		
3	A&G	79.02	Direct	9.77	11.43	35.83		
			Apportioned	3.77	4.41	13.81	21.98	General Expenses Trifurcated in ratio of Direct Expenses
			Total	13.54	15.84	49.64		
	Capitalization	19.82		3.40	3.97	12.45		
			Net of Cap	10.14	11.87	37.19		
4	Depreciation(Net)	605.00	Direct	271.87	86.32	235.42		
			Apportioned	5.22	1.66	4.52	11.39	General Assets Trifurcated in ratio of Assets
			Total	277.08	87.97	239.94		
5	Interest & Finance Charges	1057.90	Direct	641.03	137.97	275.45		
			Apportioned	2.10	0.45	0.90	3.45	General Expenses Trifurcated in ratio of Direct Expenses
			Total	643.13	138.42	276.35		
	Capitalization	173.61		105.54	22.72	45.35		
			Net of Cap	537.59	115.71	231.00		
6	Return on Equity	412.46		247.50	48.76	116.19	412.46	Trifurcated in Ratio of Assets
7	Total expenses excluding fuel cost and power purchase			1548.89	460.16	1992.41	4001.47	
8	Total ARR (Net of Prior period expenses)						10688.24	
9	Less Fuel Cost and Power Purchase						6686.77	
10	Balance ARR						4001.47	
11	Total (Gen+Trans+Dist.)						4001.47	
12	Total Transmission Capacity(MW)						5870.00	
13	Total Distribution Capacity (MW)						6088.00	
14	Transmission Charges (Rs per MW per day)						2147.73	
15	Wheeling Charges (Rs per MW per day)						8966.28	
16	Charges Chargeable from Long Term Open Access Customer (Rs per MW per day)						3704.67	

17	Charges Chargeable from Short Term Open Access Customer (Rs per MW per day)						2778.50	
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Monthly Wholesale Price Index

Base Year 1993-94 = 100

Name of Commodity : ALL COMMODITIES
Type : Group Item

Month / Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007	208.8	208.9	209.8	211.5	212.3	212.3	213.6	213.8				
2006	196.3	196.4	196.8	199	201.3	203.1	204	205.3	207.8	208.7	209.1	208.4
2005	188.6	188.8	189.4	191.6	192.1	193.2	194.6	195.3	197.2	197.8	198.2	197.2
2004	178.7	179.8	179.8	180.9	182.1	185.2	186.6	188.4	189.4	188.9	190.2	188.8

1 Figure 9999.9 may be treated as index for particular item not-available

FORMAT 61

DEFAULTING AMOUNT ENDING MARCH/SEPTEMBER 2007 IN RESPECT OF CENTRAL ZONE LUDHIANA					
Month/Year	Litigation Cases	Govt. Depts	PDCO Cases	Others	Total
Ending 3/2002	8913.99	3124.67	7168.88	1680.02	20887.56
Ending 9/2002	10599.60	3516.83	7054.07	1900.79	23071.29
Ending 3/2003	11263.95	4907.60	7937.93	3072.66	27182.14
Ending 9/2003	11322.68	6911.86	8100.38	4107.97	30442.89
Ending 3/2004	6651.32	241.21	1452.55	797.10	9142.18
Ending 9/2004	6582.22	338.26	1328.19	727.25	8975.92
Ending 3/2005	6542.26	242.71	1432.62	818.83	9036.42
Ending 9/2005	7094.78	279.47	1510.21	1013.74	9898.20
Ending 3/2006	7452.41	143.91	1348.08	746.86	9691.26
Ending 9/2006	7601.15	184.58	1283.73	637.40	9706.86
Ending 3/2007	7327.24	140.45	1107.59	746.11	9321.39
Ending 9/2007	7603.46	161.00	1068.82	687.23	9520.51

SE/HQ,
O/O CE/OP,Central Zone,LDH.

**DEFALUTING AMOUNT ENDING MARCH/SEPT.IN RESPECT OF
NOTRH ZONE, JALANDHAR.**

(Rs. in Lacs)						
Month/ Year	Litigation Cases	Govt. Deptt.	PDCO	Others	Total Recoverable	Grand Total
3/2002	785.58	435.60	61.76	36.14	97.90	1319.08
9/2002	678.26	383.56	86.90	54.68	141.58	1203.40
3/2003	740.99	792.29	153.32	61.08	214.40	1747.68
9/2003	905.25	1517.10	215.98	81.84	297.82	2720.17
3/2004	1012.86	1971.34	247.38	110.14	357.52	3341.72
9/2004	1115.48	2615.06	283.24	68.48	351.72	4082.26
3/2005	1219.98	3164.80	296.46	85.91	382.37	4767.15
9/2005	1436.85	3480.81	381.37	126.66	508.03	5425.69
3/06	1565.75	999.10	398.53	112.75	511.28	3076.13
9/06	1660.19	1184.27	389.55	221.93	611.48	3455.94
3/07	1747.62	1336.04	436.25	351.83	788.08	3871.74
9/07	1705.16	1500.12	419.01	347.75	766.76	3972.04
(Unaudited)						

**Dy. CE/HQ-Cum-Admn.,
for CE/Op. (North),PSEB, Jal.**

CE OPS Border
DEFAULTING AMOUNT ENDING MARCH/SEPT.

(Rs. In lacs)					
MONTH/YEAR	LITIGATION CASES	GOVT. DEPTT.	PDCO CASES	OTHERS	TOTAL
ENDG 03/2001	750.80	69.55	2684.53	568.51	4073.39
ENDG 09/2001	750.87	1027.64	2855.82	711.16	5345.49
ENDG 03/2002	775.73	1775.09	2941.22	571.05	6063.09
ENDG 09/2002	832.53	2180.20	3029.67	551.84	6594.24
ENDG 03/2003	823.82	2824.70	3145.65	1033.71	7829.88
ENDG 09/2003	847.00	3411.94	3184.91	1649.53	9093.38
ENDG 03/2004	1007.12	3969.02	3316.89	2493.51	10786.54
ENDG 09/2004	1123.03	4639.32	3344.43	3757.91	12864.69
ENDG 03/2005	1304.62	4298.43	3428.30	5664.50	14695.85
ENDING 9/2005	1416.02	4519.31	3391.61	7519.36	16846.30
ENDING 3/2006	1504.28	916.51	3803.14	7858.88	14482.81
ENDING 9/2006	1514.97	1475.81	3991.80	7894.84	14877.42
ENDING 3/2007 (audited)	1545.92	1227.77	4311.36	7979.59	15064.64
ENDING 9/2007(Tentative)	1619.06	1664.20	4360.78	8136.50	15780.54

Format 61

DEFAULTING AMOUNT ENDING MARCH/SEPTEMBER - WEST ZONE, BATHINDA

Month/Year	Rs. in lacs				Total
	Litigation cases	Govt. Deptt.	PDCO Cases	Others	
Ending 03/2001	640.95	14.17	1030.06	307.00	1992.18
Ending 09/2001	634.02	53.93	1107.90	346.19	2142.04
Ending 03/2002	603.74	261.28	1288.60	305.82	2459.44
Ending 09/2002	725.30	307.54	1267.21	351.26	2651.31
Ending 03/2003	769.90	491.14	1457.91	721.01	3439.96
Ending 09/2003	809.00	742.97	1730.69	946.41	4229.07
Ending 03/2004	823.39	985.41	2028.25	1060.13	4897.18
Ending 09/2004	850.26	1296.24	2401.35	1501.14	6048.99
Ending 03/2005	938.00	1168.22	2869.06	1964.03	6939.31
Ending 09/2005	1012.38	1376.27	3433.17	2915.43	8737.25
Ending 03/2006	1113.29	1069.43	2503.50	4563.60	9249.82
Ending 09/2006	1139.30	1317.53	2849.21	4445.91	9751.95
Ending 03/2007 (audited)	1204.47	1547.18	3059.87	4710.23	10521.75
Ending 09/2007	1143.94	1917.73	3039.12	4796.32	10897.11

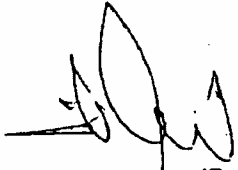
SE/Hq-cum-Admn,
for CE/DS (West), PSEB,
Bathinda.

16

Defaulting Amount Ending March/ December
South Zone

Format \$1

Month/Year	Litigation Cases	Govt. Deptt	PDCO	Others	Total
Ending 3/2002	1982.68	445.29	1175.84	147.58	3751.39 ✓
Ending 9/2002	2431.38	472.02	1329.71	174.72	4407.83 ✓
Ending 3/2003	2370.15	621.5	1196.64	438.88	4627.17 ✓
Ending 9/2003	2465.99	977.75	1125.84	450.07	5019.65 ✓
Ending 3/2004	3005.82	841.02	1165.09	722.06	5733.99 ✓
Ending 9/2004	3382.72	1248.86	1074.84	861.18	6567.6 ✓
Ending 3/2005	3480.14	1363.45	1087.72	898.31	6829.62 ✓
Ending 9/2005	3331.27	1527.4	933.96	1030.43	6823.06 ✓
Ending 3/2006	3165.67	619.68	1062.96	770.78	5619.09 ✓
Ending 9/2006	3368.14	800.87	923.62	810.67	5903.3 ✓
Ending 3/2007	3430.08	726.61	1063.01	768.61	5988.31 ✓
Ending 9/2007	3009.39	1197.27	954.19	914.31	6075.16 ✓


 EIC Operation/South
 P.S.E.B; Patiala.

DETECTION OF THEFT OF ENERGY/LEAKAGE OF REVENUE BY ENFORCEMENT

Sr. No.	Zone/Circle	UP TO SEPTEMBER 2006-07										UP TO SEPTEMBER 2007-08									
		Cases Detd. in respect of					Rev. Leakage Detd. due to					Cases Detd. in respect of					Rev. Leakage Detd. due to				
		Thrift of Power & wrong Metering		Un-auth. exn. of Load & other Charges		Total	Thrift of Power & wrong Metering		Un-auth. exn. of Load & other Charges		Total	Thrift of Power & wrong Metering		Un-auth. exn. of Load & other Charges		Total	Thrift of Power & wrong Metering		Un-auth. exn. of Load & other Charges		Total
		No.	No.	No.	No.	(Rs. Lac)	(Rs. Lac)	(in LU, s)	No.	No.	No.	No.	(Rs. Lac)	(Rs. Lac)	(in LU, s)	No.	No.	No.	No.	(Rs. Lac)	(Rs. Lac)
A	BORDER	4449	1037	919	1956	45.67	70.47	116.14	13.48	3406	354	424	778	35.90	46.43	82.33	10.60	82.33	10.60		
		1573	454	116	570	58.04	33.52	91.56	17.13	5061	2325	150	2475	67.25	15.91	83.16	19.85	83.16	19.85		
		5075	1261	729	1990	109.39	74.13	183.52	32.26	8186	3330	863	4193	119.01	43.27	162.28	35.10	162.28	35.10		
		2230	445	427	872	29.11	39.24	68.35	8.58	3574	638	750	1388	51.61	28.44	80.05	15.22	80.05	15.22		
		13327	3197	2191	5388	242.21	217.36	459.57	71.45	20207	6647	2187	8834	273.77	134.05	407.82	80.77	407.82	80.77		
B	NORTH	2656	296	855	1251	17.79	62.52	80.31	5.24	4216	411	1252	1063	41.99	61.21	103.20	12.40	103.20	12.40		
		7371	1045	1954	2999	81.75	240.02	321.77	24.11	12037	1654	2487	4141	101.95	239.62	341.58	29.78	341.58	29.78		
		1445	157	364	521	11.17	64.36	75.53	3.31	2424	183	447	630	58.82	57.04	115.86	17.34	115.86	17.34		
		1501	168	412	580	16.48	37.82	54.30	4.85	2051	126	403	534	11.09	26.90	37.99	3.26	37.99	3.26		
		12973	1666	3685	5351	127.19	404.72	531.91	37.51	20728	2374	4594	6968	213.86	334.77	598.63	62.78	598.63	62.78		
C	CENTRAL	4948	749	1201	1950	178.66	217.79	396.45	52.70	6036	795	1025	1820	83.76	204.55	288.31	24.71	288.31	24.71		
		4580	547	1137	1684	50.59	176.95	227.54	14.92	5729	653	1021	1679	63.15	193.22	261.37	20.11	261.37	20.11		
		1866	180	438	618	14.23	76.62	90.85	4.19	3332	203	956	1162	13.38	77.90	91.28	3.95	91.28	3.95		
		3145	140	788	928	29.16	111.62	140.78	8.60	4794	238	1295	1631	20.46	120.63	141.09	6.03	141.09	6.03		
		14539	1616	3564	5180	272.64	582.93	855.62	80.41	19941	1895	4297	6192	185.75	596.30	782.05	54.80	782.05	54.80		
D	SOUTH	3107	217	905	1122	29.57	96.27	125.84	8.73	7305	446	1781	2227	59.83	153.85	212.68	17.35	212.68	17.35		
		3580	225	929	1154	31.97	248.01	279.98	9.43	5129	199	1240	1439	34.15	152.29	186.44	10.06	186.44	10.06		
		1733	27	290	317	6.98	95.76	102.74	2.06	2411	26	232	258	15.24	30.06	45.30	4.51	45.30	4.51		
		2429	83	438	521	21.71	163.90	185.61	6.41	2812	113	454	567	11.09	115.97	127.06	3.27	127.06	3.27		
		10829	552	2562	3114	90.23	603.94	694.17	26.63	17657	784	3707	4491	119.31	452.17	571.48	35.19	571.48	35.19		
E	WEST	4114	607	791	1398	76.99	103.22	180.21	22.70	5447	419	561	980	53.04	50.06	103.10	15.65	103.10	15.65		
		2605	839	643	1482	53.40	47.44	100.84	15.75	2617	443	493	939	57.31	30.13	87.44	10.91	87.44	10.91		
		3578	482	866	1348	35.72	71.38	107.10	10.53	3633	209	887	1096	21.59	63.87	85.46	6.36	85.46	6.36		
		3075	583	585	1168	98.03	121.31	219.34	28.94	1372	432	343	775	41.87	24.64	66.51	12.33	66.51	12.33		
		13372	2511	2885	5396	264.14	343.35	607.49	77.92	15119	1503	2297	3799	173.81	169.70	343.51	51.25	343.51	51.25		
G	Total	65040	9542	14867	24429	995.41	2152.35	3148.76	293.92	93652	13203	17072	30775	936.50	1735.99	2702.49	234.79	2702.49	234.79		
		14																			

DETECTION OF THEFT OF ENERGY/LEAKAGE OF REVENUE BY OPERATION ORGANISATION

Sr. No.	Zone/Circle	UP TO SEPTEMBER 2005-07										UP TO SEPTEMBER 2007-08									
		Cases Detd. in respect of					Rev. Leakage Detd. due to					Cases Detd. in respect of					Rev. Leakage Detd. due to				
		No. of con. checked	Theft of Power & wrong Metering	Un-auth. extrn. of Load & other Charges	Total	No.	(Rs. Lac)	Theft of Power & wrong Metering	Un-auth. extrn. of Load & other Charges	Total	Equiv. units in respect of theft of power & wrong metering	No. of con. checked	Theft of Power & wrong Metering	Un-auth. extrn. of Load & other Charges	Total	No.	(Rs. Lac)	Theft of Power & wrong Metering	Un-auth. extrn. of Load & other Charges	Total	Equiv. units in respect of theft of power & wrong metering
A BORDER																					
	Gurdaspur	53627	7621	838	3459		203.89	27.23		234.12	69.20	83307	9142	421	9563		251.85	15.21		267.06	83.72
	Anantnagar (C)	50376	1322	246	1568		43.30	24.97		68.27	41.81	58375	1412	585	1997		88.76	37.70		126.46	23.50
	Anantnagar (S)	65454	9286	4379	13665		281.60	126.37		407.97	93.87	85037	9473	6435	15908		345.11	204.80		549.91	115.03
	Tamr Taran	71577	6514	3624	10138		285.20	115.15		400.35	111.57	88763	7691	4951	12642		277.08	109.86		386.94	115.64
		246034	24723	9087	33810		816.99	293.72		1110.71	316.45	313482	27718	12452	40170		962.80	367.57		1330.37	337.89
B NORTH																					
	Kapurthala	57757	2298	7400	9698		92.19	247.41		339.60	47.96	27391	662	2193	2856		27.73	72.30		100.03	17.26
	Jalandhar	52440	1079	4205	5284		45.22	148.61		193.83	16.44	35197	730	1937	2717		34.62	70.55		111.17	12.54
	Hoshiarpur	59575	2431	8186	10617		54.49	235.19		289.68	18.16	42370	604	1394	1998		16.90	36.03		52.96	5.65
	Navansheri	43656	933	7976	8909		40.54	245.91		286.45	43.14	33380	483	3297	3780		32.81	97.50		120.31	25.83
		213428	6742	27767	34509		232.44	877.12		1109.56	125.70	138338	2479	3871	11350		102.09	289.33		384.47	61.28
C CENTRAL																					
	Ldh (W-C)	25429	2728	2395	5123		189.02	82.94		281.96	72.36	41259	3221	2548	5769		205.36	70.75		276.11	74.70
	Ldh (E-C)	26363	2474	1655	4129		102.52	62.56		165.08	37.26	39659	2595	1417	4012		133.53	53.47		187.00	48.57
	Ldh (S)	44930	2216	14856	17072		96.81	550.44		647.25	35.20	90576	2074	10787	12861		99.67	393.28		492.95	36.24
	Khanna	38852	1048	12107	13155		59.38	492.97		552.35	15.41	58022	1394	11112	12506		86.20	480.23		546.52	23.36
		155574	3466	31013	39479		457.73	1183.91		1546.64	180.23	227616	9284	25864	35148		504.84	997.73		1502.57	182.87
D SOUTH																					
	Patiala	75899	3775	6973	10748		186.65	385.80		573.45	139.18	50323	7101	5030	12131		205.91	216.36		552.27	136.59
	Sangrur	88002	3004	11101	14105		142.44	557.34		699.78	57.89	82863	5016	9037	14032		177.07	350.95		528.02	154.50
	Ropar	52033	750	3506	4256		29.61	140.32		170.13	34.44	48443	1196	3200	4396		54.94	90.45		145.40	21.05
	Mohali	22033	836	737	1573		39.12	53.40		92.52	12.13	34282	761	1260	2021		46.18	92.85		139.03	12.91
		237667	8365	22317	30682		397.82	1135.06		1535.88	243.64	214111	14074	13527	32601		314.11	750.61		1354.72	326.05
E WEST																					
	Bhaunda	39014	3029	1057	4086		126.32	48.81		175.13	36.64	40170	2447	692	3039		105.50	30.72		136.22	31.69
	Ferozepur	50089	2833	806	3639		110.98	30.75		141.73	10.65	37711	3261	3206	6467		113.54	114.02		227.56	42.17
	Faridkot	49253	2821	890	3711		133.10	51.47		184.57	51.57	76334	2164	2400	4564		98.89	87.64		186.53	52.59
	Mukatsar	27707	2797	368	3165		154.90	21.97		176.87	51.99	23307	1881	291	2172		86.70	12.88		99.58	25.78
		145063	11480	3121	14601		525.30	153.00		678.30	150.85	178128	9753	6489	16242		404.63	246.25		649.94	162.23
		979066	59776	93305	153081		2430.28	3983.81		6414.09	993.87	1076276	63303	72203	123611		3335.53	3644.95		6980.09	1099.37
G Total																					

KIND ATTN MANAN THAPAR

11/1

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ਪੰਜਾਬ ਰਾਜ ਬਿਜਲੀ ਬੋਰਡ
(ਦਫ਼ਤਰ ਮੁੱਖ ਲੇਖਾ ਅਫ਼ਸਰ/ਡੀ.ਐਮ ਤੇ ਜੀ ਭਾਗ, ਪਟਿਆਲਾ)

ਵੱਲ

ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਕਮਰਸੀਅਲ,
ਟੈਰਿਫ ਰੈਗੂਲੇਸ਼ਨ ਡਾਇਰੈਕਟੋਰੇਟ,
ਪੰ.ਰਾ.ਬਿ.ਬੋ., ਪਟਿਆਲਾ।

ਸੀਐਮ ਨੰ: 4459 12-5/ਵਾ:111
ਮਿਤੀ: 24/05/07

ਵਿਸ਼ਾ: ਪੀ.ਐਸ.ਈ.ਆਰ.ਸੀ. ਟੈਰਿਫ ਆਡਰ 2006-07 ਮਿਤੀ 10.5.2006 -
ਫਾਲੋ ਅੱਪ ਐਕਸ਼ਨ ਆਫ਼ ਡਾਇਰੈਕਟੋਰੇਟ।

ਹਵਾਲਾ: ਆਪ ਜੀ ਦੇ ਦਫ਼ਤਰ ਦਾ ਪੰ.ਨੰ: 2145/68/ਸੀਸੀ/ਡੀਈਆਰ-104 ਵਾ:5
ਮਿਤੀ 18.4.07।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਸਾਰੇ
ਇੰਜ-ਇਨ-ਚੀਫ਼/ ਮੁੱਖ ਇੰਜੀਨੀਅਰ/ਹੈਡ ਆਫ਼ ਦੀ ਡਿਪਾਰਟਮੈਂਟ ਨੇ ਇਹ ਪੁਸ਼ਟੀ ਕੀਤੀ
ਹੈ ਕਿ ਉਹਨਾਂ ਅਧੀਨ ਕੰਮ ਕਰਦੇ ਸਾਰੇ ਅਕਾਊਂਟਿੰਗ ਯੂਨਿਟਾਂ ਵੱਲੋਂ ਐਸਟਾਸ
ਰਜਿਸਟਰ/ਕਾਰਡਜ਼ ਬਣਾਏ ਹੋਏ ਹਨ ਅਤੇ ਮਿਤੀ 31.3.2007 ਤੱਕ ਅਪ ਡੇਟ ਕਰ ਲਏ
ਗਏ ਹਨ।

May kindly
see before issue

24/5

24/5

24/5

24/5

24/5/07
ਪੰਜਾਬ ਰਾਜ ਬਿਜਲੀ ਬੋਰਡ
ਪਟਿਆਲਾ।
24/5 23/5/07

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~~KIND ATTN. MANAGER~~

PUNJAB STATE ELECTRICITY BOARD
(OFFICE OF THE CHIEF ACCOUNTS OFFICER /WM&G SECTION PATIALA)

To

Chief Engineer/Commercial,
(Tariff Regulation Directorate-I),
PSEB, Patiala.

Memo No: 4315 /A-5/Vol-III/L

Dated : 23/7/07

Sub: Filing of ARR/Tariff Revision Petition for the year 2007-08.

Please refer to your office Memo No.1143/47/CC/DTR/221/Vol-IV dt 26.3.07 on the above subject.

In this connection, it is intimated that all EIC/CEs/HODs has informed that "FIXED ASSETS HAVE BEEN PHYSICALLY VERIFIED UP TO 31.3.2006".

This is for your kind information and necessary action please.

Chief Accounts Officer,
PSEB, Patiala.

Enclt.No: 4316 /A-5/Vol-III/L

Dated: 23/7/07

Copy of the above is forwarded to Secy./Board Section, PSEB, Patiala w.r.to his office Enclt.No.564/BD/G-2912/V-52 dated 30.3.2007 for information and necessary action.

Chief Accounts Officer,
PSEB, Patiala.

KIND ATTN: MANAN TAPAR

13

PUNJAB STATE ELECTRICITY BOARD

(O/O The Chief Accounts Officer/W&G Section, Patiala)

To

Dir. / TR
D. No. 458
Dt. 2/4/06
P. S. E. B.

✓ En-In-Chief/Commercial,
PSEB, Patiala.

DR-I
DR-2
2/6/06

Memo No: 2593 /CAO/W&G/A-5/Vol-III

Dated : 5-6-2006
मध्य विनोद कुमार/दस्तावेज
महल : 4391. महल - 6/6/06

Subj:- PSERC Tariff order 2006-07 dated 10.5.2006 Follow up
Action of Directives.

Please refer to your office Memo No. 547/570/CC/
DTR-104/Vol-III dt. 15.6.2006. 4-2

In this connection, it is intimated that the information regarding maintaining and updating of Asset Cards/Registers stands already supplied to your office vide this office Memo No. 17417/A65 dt. 26.10.2005 (copy enclosed). As regards non maintenance of Asset Cards/Registers involving Rs. 80.94 Crores by five Divisions, it has been confirmed from WAD section that all these five divisions have maintained and updated Asset Cards/Registers. Certificates in this regard have already been received from the respective HDI/CEs (copy enclosed).

DA/as above

Chief Accounts Officer,
PSEB, Patiala

Y. S. Ratra, IAS (RETD.)
CHAIRMAN



D. O. No. 2445

Date 22/10/07

Tel. No. : 0175-2212005 (O)
0172-2231712 (O)

Punjab State Electricity Board

Subject: Outstanding dues against Govt. Departments
on account of Electricity Bills ending Aug., 2007.

My dear.....

I would like to invite your personal attention towards huge amount of electricity bills amounting to Rs.66.46 Crore outstanding against various Punjab Govt. Departments as on 31.08.2007 (Details enclosed). The PSEB is regularly taking up the matter with the State Govt. for the clearance of outstanding electricity bills, but it has been found that the outstandings, which stood at Rs.53.55 Crore upto 31.03.2007 has increased to Rs.66.46 Crore as on 31.08.2007. The Punjab State Electricity Regulatory Commission has observed that the State Govt. needs to be impressed upon to provide adequate contingency in the budget of the departments in arrears which should not only cater to the requirement of current electricity bills but ensure liquidation of outstandings as well.


I am, therefore to request that the Govt. of Punjab may issue suitable instructions to the defaulting departments to clear their outstanding bills. Sufficient budget allocation for the purpose may also be got made by the State Govt. to the respective departments during the Financial Year 2007-08.

Yours Sincerely,

Encl: One

2447/48/10.1/100
dt 22/10/07

Sh. Ramesh Inder Singh,
IAS
Chief Secretary to Govt. of Punjab,
Chandigarh.


Y.S. Ratra
17/10

- CC: 1. Principal Secretary Govt. of Punjab, Department of Finance,
Chandigarh.
2. Secretary, Govt. of Punjab, Department of Power,
Chandigarh.

STATEMENT OF CLEARANCE OF PENDING ELECTRICITY BILLS RECOVERABLE
FROM PUNJAB GOVT. DEPARTMENTS DURING THE PERIOD 01.04.07 TO 31.08.07

Sr. No.	Name of the Govt. Department	Amount out-standing at the end of 03/07	Amount billed during 04/07 to 08/07	Amt. Paid to PSEB during 04/07 to 08/07	(Rs./Lacs) Amount out-standing at the end of 08/07
1	2	3	4	5	6
1	Civil Defence	2.00	0.08	0.56	2.32
2	D.C. Office	19.40	16.49	18.80	17.09
3	PSTC	1108.98	64.20	15.00	1158.18
4	Punjab Police	1044.44	305.03	101.04	1248.43
5	MC Water Work	554.92	185.50	37.47	702.95
6	Public Health	710.09	662.75	353.26	1019.58
7	MES	52.81	0.08	5.90	46.99
8	SDM Office	25.08	72.74	68.80	29.02
9	Tehsil Complex	19.54	10.99	8.49	22.04
10	PUDA Complex	4.32	1.21	3.21	2.32
11	Distt. Sports Office	2.30	0.95	0.83	2.42
12	Hospital/Govt. Disp.	516.69	389.18	221.89	683.98
13	Forest Deptt.	11.82	2.59	2.18	12.23
14	Irrigation Deptt.	822.68	388.79	378.97	832.50
15	PWD Elec. Deptt.	58.61	17.47	46.33	29.75
16	PWD (B&R)	11.89	15.02	13.50	13.41
17	PUNSUP	0.48	0.41	0.63	0.29
18	Govt. Schools/ITIs	13.15	25.03	27.06	11.12
19	MC/Local Bodies	157.64	83.63	43.67	197.60
20	Agriculture Deptt.	2.18	7.90	7.45	2.63
21	Central Deptt.	35.31	614.87	261.05	389.13
22	Animal Deptt.	4.93	5.39	4.10	6.22
23	Social Deptt.	0.35	2.36	1.03	1.68
24	Panchayati Raj	17.13	6.31	10.75	12.69
25	Statistical Deptt.	0.04	0.09	0.00	0.13
26	Food & Supply	1.90	2.29	4.06	0.13
27	Revenue Deptt.	2.04	0.37	1.59	0.82
28	Sewerage Deptt.	27.27	19.11	5.45	40.93
29	BDO Office	2.58	1.78	2.31	2.05
30	Zila Parishad	1.85	1.83	1.24	2.44
31	Welfare Deptt.	1.31	0.41	0.34	1.41
32	C.I.D.	2.13	0.53	1.00	1.66
33	Civil Courts	0.45	0.50	0.57	0.38
34	Others	118.69	146.83	114.10	151.42
	Total	5355.00	3053.57	1762.63	6645.94

KIND ATTN. MANAN THAKAR

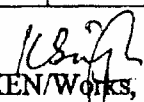
AGEWISE DEFAULTING AMOUNT OF PUNJAB GOVT., COURT/DSC & PDCO CASES.
AS ON 30.09.2007 (UNAUDITED)

Sr. Head No.	Upto 1 year old			1 to 2 years old			2 to 3 years old			More than 3 years old			(Rs. In Lacs)	
	No.	Amount		No.	Amount		No.	Amount		No.	Amount		No.	Amount
BORDER ZONE														
1 Pb. Govt. Depts.	335	904.37		316	318.81		139	134.85		162	308.17		952	1664.20
2 Court	363	431.97		175	113.60		218	199.25		232	509.44		988	1254.26
3 DSC	841	138.17		267	67.06		67	67.44		12	92.13		1187	364.80
4 PDCO Cases	21352	1206.63		22844	925.86		14012	512.75		42419	1715.54		100627	4360.78
5 OTHERS	85096	2677.86		33325	1172.36		58555	2831.90		27779	1453.98		204755	8136.50
Total	107987	5359.00		56927	2597.69		72991	3746.59		70604	4077.26		338509	15780.54
CENTRAL ZONE														
1 Pb. Govt. Depts.	184	105.64		40	29.67		28	11.18		7	14.51		259	161.00
2 Court	524	854.49		913	421.76		622	1266.62		1134	3746.17		3193	6289.04
3 DSC	733	633.03		238	176.95		53	152.82		81	351.62		1105	1314.42
4 PDCO Cases	8282	198.16		5107	225.10		5092	248.51		8147	400.05		26628	1068.82
5 OTHERS	21214	357.36		10979	157.24		3036	84.86		2158	87.77		37387	687.23
Total	30937	2145.68		17277	1010.72		8831	1763.99		11527	4600.12		68572	9520.51
NORTH ZONE														
1 Pb. Govt. Depts.	807	854.05		384	422.12		129	159.15		119	64.80		1439	1500.12
2 Court	837	920.54		180	132.33		82	245.94		135	318.78		1234	1017.59
3 DSC	751	512.37		112	46.63		20	40.43		68	88.14		951	687.57
4 PDCO Cases	13609	329.17		3104	69.97		620	16.57		155	3.30		17488	419.01
5 OTHERS	12361	319.11		817	27.91		7	0.73		0	0.00		13185	347.75
Total	28365	2335.24		4597	698.96		858	462.32		477	475.02		34297	3972.04
SOUTH ZONE														
1 Pb. Govt. Depts.	513	564.41		343	313.06		67	50.32		58	469.48		981	1197.27
2 Court	398	389.45		294	233.37		201	346.72		347	1248.81		1240	2218.35
3 DSC	573	465.26		155	213.89		17	7.19		6	104.70		751	791.04
4 PDCO Cases	10380	254.33		4394	172.4		4263	141.40		9488	386.06		28525	954.19
5 OTHERS	16253	451.66		10300	241		2616	117.53		2684	104.12		31853	914.31
Total	28117	1925.11		15486	1173.72		7164	663.16		12583	2313.17		63350	6075.16
WEST ZONE														
1 Pb. Govt. Depts.	581	773.71		397	771.54		179	125.87		260	246.61		1417	1917.73
2 Court	698	238.99		800	374.69		241	84.44		478	201.71		2217	999.83
3 DSC	447	143.34		327	86.19		34	11.38		3	3.20		811	244.11
4 PDCO Cases	17218	732.38		16114	691.19		13124	488.97		30870	1130.98		77326	3043.52
5 OTHERS	70982	2115.11		66604	1701.57		25380	656.82		7957	355.11		170923	4828.61
Total	89926	4003.53		84342	3625.18		38958	1367.48		39543	1937.61		252694	10933.80
BOARD AS A WHOLE														
1 Pb. Govt. Depts.	2420	3002.14		1480	1855.20		542	481.37		606	1101.57		5048	6440.32
2 Court	2820	2235.44		2362	1275.75		1364	2142.97		2326	6024.91		8872	11679.07
3 DSC	3345	1892.17		1099	590.72		191	279.26		170	639.79		4805	3401.94
4 PDCO Cases	70441	2717.67		51563	2084.52		37111	1408.20		91079	3635.93		250594	9846.32
5 OTHERS	205906	5921.10		122025	3300.08		89594	3692.24		40578	2000.98		456103	14974.40
Total	285332	15768.56		178529	9106.27		128802	8004.04		134759	13403.18		727422	46242.05

KIND ATTN MANON THAKUR

PROGRESS OF INSTALLATION OF H.T. SHUNT CAPACITORS UPTO 31.10.2007

Sr.No.	Position regarding planning & installation of CAP	Voltage & Capacity in MVAR				
		11 KV	33 KV	66 KV	132 KV	TOTAL
1.	Total planned capacity upto 31.3.06	3645.231	160.00	1796.770	441.332	6043.333
2.	Installed during 2006-07	55.801	-	32.580	32.580	120.961
3.	Total installed capacity upto 31.3.07	3381.972	108.60	1491.312	354.452	5336.336
4.	Shortfall as on 31.3.07	263.259	51.40	305.458	86.88	706.997
5.	Installed during 4/07 - 10/07	48.996	-	10.860	32.580	92.436
6.	Balance yet to be installed at planned upto 31.3.07	214.263	51.40	294.598	54.30	614.561
POSITION REGARDING AVAILABILITY OF HT CAPACITORS (in MVAR)						
1.	Capacitors under installation	12.249	-	86.880	-	99.129
2.	Capacitors available in stock	2.722	16.29	21.720	21.720	62.452


Sr. XEN/Works,
For Er-In-Chief/Substations,
PSEB, Patiala.

KIND ATTN MANOY THAKAR
(2)

CAPACITOR BANK UNITS

Sr.No.	Description	Amount
1.	Expenditure upto	
2.	66 KV Capacitor Bank(New)6 banks	10641916.44
3.	66 KV 220 No. Units spare against damage	2916599.40
4.	11 KV capacitor bank(New)32 Nos.	5026460.48
5.	11 KV 1200 Nos. spare units against damage	12057450.00
	TOTAL	30642426.32

As per information of 10/01/2013.

10/01/2013
ਸੀ.ਕੇ.ਕਾ. ਇੰਜੀਨੀਅਰ ਵਰਕਸ
ਵਾ: ਮੁਖ ਇੰਜੀ ਮ/ਸ
ਪੰ.ਰਾ.ਸ਼ਿ.ਕੋ. ਪਟਿਆਲਾ।

Expenditure on installation of Capacitor Banks (all voltages) from
1.4.07 to 31.10.07 in Respect of Grid Circle PSEB Ludhiana.

Sr No.	Name of Sub Str.	Rating	Capacity of Capacitor Bank	Expenditure Incurred upto 10/07 (4/07 to 10/07)	Remarks
1	220 KV Muktsar	132 KV	3x10.860MVAR	91.09	
2	132 KV Jadia	66KV	1x10.860MVAR	18.72	
3	220 KV S/S Kothi Surat Malhi	11KV	2x1.361MVAR	3.25	
4	66KV Loh Simbli	11KV	1x1.361 MVAR	7.81	
5	66KV F.P. Patiala	11KV	2x1.1361MVAR	8.54	
6	66KV Shako Vihar PTA	11KV	2x1.361MVAR	8.68	
7	66KV Kanjala	11KV	1x1.361MVAR	7.09	
8	66KV Karamgarh	11KV	1x1.361MVAR	8.59	
9	66KV Bhanga Katan	11KV	1x1.361MVAR	7.74	
10	66KV Harchowal	11KV	1x1.361MVAR	7.13	
11	66KV Paras Ram Nagar	11KV	2x1.361MVAR	5.80	
12	66KV Jaito	11KV	2x1.361MVAR	0.49	
13	66KV Dhanna Saheed	11KV	2x1.361MVAR	0.63	
14	66KV Kasoiana	11KV	1x1.361MVAR	0.32	
15	66KV Bahak Gujran	11KV	1x1.361MVAR	3.79	
16	66KV Behanwali	11KV	1x1.361MVAR	4.78	
17	66KV Bangi Nihal Singh wala	11KV	2x1.361MVAR	8.29	
18	66KV Fiddle Khurd	11KV	2x1.361MVAR	3.69	
19	66KV Balokea	11KV	2x1.361MVAR	8.36	
20	66KV Amaltas	11KV	2x1.361MVAR	8.25	
21	66KV Agwar Lapon	11KV	2x1.361MVAR	7.34	
22	66KV F.P. Gobindgarh	11KV	2x1.361MVAR	8.30	
23	66KV Achahtoor/ Raipur Aarian	11KV	1x1.361MVAR	7.10	
24	66KV Bhartian Jattan	11KV	1x1.361MVAR	7.03	
25	66KV Khusrapur	11KV	2x1.361MVAR	8.59	
			Total	248.40	

Endst. No.

Forwarded in Original to E.I.C./S/S PSEB Patiala for information & necessary action
Please.

RGF-42

DL

26/11/07

[Signature]
Deputy Chief Engineer
Grid Const. Circle, Ludhiana