

**Form 1.1 : Capital Base**

(Rs in crores)

Sl. No.	Sixth Schedule Ref.	Data Required	End of current year	End of ensuing year
			2004-05	2005-06
1	Para XVII-1(a)	Original cost of fixed assets (excluding consumers contributions)	891.34	985.69
2	(b)	Cost of intangible assest (including expenses on account of new capital)	-	-
3	( c )	The original costs of works in progress	216.10	368.64
4	(d)	The amount of investment compulsorily made under para-IV of the Sixth Schedule together with investment made from contributions towards depreciation		
5	(e)	An amount on account of working capital equal to the sum of:		
	(e) (i)	Average cost of stores (1/12th of the sum of the book cost of stores, materials and supplies including fuel in hand at the end of each month of the year)	7.00	7.70
	(e) (ii)	Average cash and bank balance (1/12th of the sum of cash and bank balances whether credit or debit and call and short term deposit at the end of each month of the year)	9.00	9.90
6	NA	Capitalised loss allowed by the Commission		
		<i>Sub- total of positive elements of Capital Base (sum of 1 to 6 above)</i>	1,123.43	1,371.92
	<b>Less</b>			
7	2 ( i )	The amounts written off or set aside on account of depreciation of fixed/intangible assets	248.96	279.16
8	(ii)	The amount of loan from State Government	249.56	482.22
9	(ii-a)	The amount of any loans borrowed from organisations or institutions approved by the State Govt. (Holding Company)	320.00	320.00
10	(ii-b)	The amount of any debenture issued by the licensee		
11	NA	Par of accumulated subventions from State Government used for capital expenditure		
12	(iii)	The amounts deposited in cash with the licensee by consumers by way of security		
13	(iv)	The amount standing to the credit of Tariffs and Dividends Control Reserve at the beginning of the year		
14	(v)	The amount standing to the credit of the Development Reserve at the close of the year		
15	(vi)	The amount carried forward (at the beginning of the year of accounting) in the accounts of the Licensee for distribution to the consumers		
		<i>Sub-total of negative elements of Capital Base (sum of 7 to 15 above)</i>	818.52	1,081.38
		<b>Net Capital Base: net figure (first sub- total above minus the second)</b>	304.91	290.55

## Form 1.1a: Original Cost of Fixed Assets

Year 2003-04

(Rs. in crores)

Particulars of assets	Excluding consumers' contribution				Consumers' contribution				Total original cost of fixed assets	Remarks
	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year		
1	2	3	4	5= 2+3-4	6	7	8	9=6+7-8	10=5+9	
1. Land and rights	-	0.47	-	0.47					0.47	
2. Buildings	20.49	3.86	-	24.35					24.35	
3. Other civil works	46.52	0.44	-	46.97					46.97	
4. Plant & machinery as sum of:	416.67	0.41	-	417.09					417.09	
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value										
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value										
(iii) Switchgear										
5. Lines and cable network as sum of:	129.35	63.04	-	192.39					192.39	
(i) Towers, poles, fixtures, overhead, conductors and devices.										
(ii) Underground cables and devices.										
(iii) Service lines										
(iv) Metering equipment										
6. Vehicles	3.18	-	-	3.18					3.18	
7. Furniture fixtures	2.06	0.13	-	2.19					2.19	
8. Office equipment & others	1.61	0.29	0.01	1.90					1.90	
9. Capital spares										
10. Assets taken over & pending final valuation										
11. Other items (SCADA & PLCC)	50.95	-	-	50.95					50.95	
<b>Total</b>	<b>670.85</b>	<b>68.65</b>	<b>0.01</b>	<b>739.49</b>					<b>739.49</b>	

## Form 1.1a: Original Cost of Fixed Assets

Year 2004 - 05

(Rs. in crores)

Particulars of assets	Excluding consumers' contribution				Consumers' contribution				Total original cost of fixed assets	Remarks
	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year		
1	2	3	4	5= 2+3-4	6	7	8	9=6+7-8	10=5+9	
1. Land and rights	0.47									
2. Buildings	24.35									
3. Other civil works	46.97									
4. Plant & machinery as sum of:	417.09									
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value	-									
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value	-									
(iii) Switchgear	-									
5. Lines and cable network as sum of:	192.39									
(i) Towers, poles, fixtures, overhead, conductors and devices.	-									
(ii) Underground cables and devices.	-									
(iii) Service lines	-									
(iv) Metering equipment	-									
6. Vehicles	3.18	0.16								
7. Furniture fixtures	2.19	0.03								
8. Office equipment & others	1.90	0.16								
9. Capital spares	-									
10. Assets taken over & pending final valuation	-									
11. Other items (provide a detailed list)	50.95									
<b>Total</b>	<b>739.49</b>	<b>151.84</b>	<b>3.11</b>	<b>888.23</b>					<b>888.23</b>	

## Form 1.1a: Original Cost of Fixed Assets

Year 2005 - 06

(Rs. in crores)

Particulars of assets	Excluding consumers' contribution				Consumers' contribution				Total original cost of fixed assets	Remarks
	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year		
1	2	3	4	5= 2+3-4	6	7	8	9=6+7-8	10=5+9	
1. Land and rights										
2. Buildings										
3. Other civil works										
4. Plant & machinery as sum of:										
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value										
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value										
(iii) Switchgear										
5. Lines and cable network as sum of:										
(i) Towers, poles, fixtures, overhead, conductors and devices.										
(ii) Underground cables and devices.										
(iii) Service lines										
(iv) Metering equipment										
6. Vehicles										
7. Furniture fixtures										
8. Office equipment & others										
9. Capital spares										
10. Assets taken over & pending final valuation										
11. Other items (provide a detailed list)										
<b>Total</b>	888	<b>97.46</b>	<b>0.00</b>	985.69	0.00	0.00	0.00	0.00	985.69	

## Form 1.1b: Depreciation (on total original cost of fixed assets including consumers' contribution)

Year 2003-04

(Rs. in crores)

Particulars of assets	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals from the depreciation fund during the year	Balance of accumulated depreciation at the end of the year	Balance of Arrears of depreciation at the end of the year	Remarks
			Rate of Depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
1	2	3	4	5	6 (part of 3)	7=5+6	8	9=2+7-8	10=3-6	11
1. Land and rights	-			-		-		-	-	
2. Buildings	7.92			0.55		0.55		8.46	-	
3. Other civil works	13.16			1.58		1.58		14.74	-	
4. Plant & machinery as sum of:	83.42			13.88		13.88		97.30	-	
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value						-		-	-	
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value						-		-	-	
(iii) Switchgear						-		-	-	
5. Lines and cable network as sum of:	60.86			3.93		3.93		64.79	-	
(i) Towers, poles, fixtures, overhead, conductors and devices.						-		-	-	
(ii) Underground cables and devices.						-		-	-	
(iii) Service lines						-		-	-	
(iv) Metering equipment						-		-	-	
6. Vehicles	2.81			0.18		0.18		2.99	-	
7. Furniture fixtures	0.92			0.10		0.10		1.02	-	
8. Office equipment & others	0.08			0.11		0.11		0.19	-	
9. Capital spares	-					-		-	-	
10. Assets taken over & pending final valuation	-					-		-	-	
11. Other items (SCADA & PLCC)	25.72			2.90		2.90		28.62	-	
<b>Total</b>	<b>194.89</b>			<b>23.23</b>		<b>23.23</b>	<b>-</b>	<b>218.12</b>	<b>-</b>	

## Form 1.1b: Depreciation (on total original cost of fixed assets including consumers' contribution)

Year 2004 - 05

(Rs. in crores)

Particulars of assets	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals from the depreciation fund during the year	Balance of accumulated depreciation at the end of the year	Balance of Arrears of depreciation at the end of the year	Remarks
			Rate of Depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
1	2	3	4	5	6 (part of 3)	7=5+6	8	9=2+7-8	10=3-6	11
1. Land and rights	-									
2. Buildings	8.46									
3. Other civil works	14.74									
4. Plant & machinery as sum of:	97.30									
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value	-									
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value	-									
(iii) Switchgear	-									
5. Lines and cable network as sum of:	64.79									
(i) Towers, poles, fixtures, overhead, conductors and devices.	-									
(ii) Underground cables and devices.	-									
(iii) Service lines	-									
(iv) Metering equipment	-									
6. Vehicles	2.99									
7. Furniture fixtures	1.02									
8. Office equipment & others	0.19									
9. Capital spares	-									
10. Assets taken over & pending final valuation	-									
11. Other items (provide a detailed list)	28.62									
<b>Total</b>	<b>218.12</b>		<b>3.75%</b>	<b>27.73</b>		<b>27.73</b>	<b>0.00</b>	<b>245.85</b>		

## Form 1.1b: Depreciation (on total original cost of fixed assets including consumers' contribution)

Year 2005 - 06

(Rs. in crores)

Particulars of assets	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals from the depreciation fund during the year	Balance of accumulated depreciation at the end of the year	Balance of Arrears of depreciation at the end of the year	Remarks
			Rate of Depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
1	2	3	4	5	6 (part of 3)	7=5+6	8	9=2+7-8	10=3-6	11
1. Land and rights										
2. Buildings										
3. Other civil works										
4. Plant & machinery as sum of:										
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value										
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value										
(iii) Switchgear										
5. Lines and cable network as sum of:										
(i) Towers, poles, fixtures, overhead, conductors and devices.										
(ii) Underground cables and devices.										
(iii) Service lines										
(iv) Metering equipment										
6. Vehicles										
7. Furniture fixtures										
8. Office equipment & others										
9. Capital spares										
10. Assets taken over & pending final valuation										
11. Other items (provide a detailed list)										
<b>Total</b>	<b>245.85</b>		<b>3.75%</b>	<b>33.31</b>		<b>33.31</b>	<b>0.00</b>	<b>279.16</b>		

**Form 1.1c: Subventions from State/ Central Government**

*(Rs. In crores)*

Part of Subvention	Balance at the beginning of the year	Additions during the year	Balance at the end of the year	Remarks
1	2	3	4=2+3	5
Used for Capital Expenditure		NIL		
Used for purposes other than capital expenditure				



## Form 1.1d: Written Down cost of Fixed Assets

Year 2004 - 05

(Rs. in crores)

Particulars of assets	Balance of written down cost of assets at the beginning of the year	Written down cost of assets retired during the year	Written down cost of assets sold during the year	Amount realised by way of sale of assets during the year	Excess of sale proceeds over written down cost transferred to Contingencies Reserve Account	Amount written off during the year	Balance written down cost at the end of the year
1. Land and rights	0.47				0.00	0.00	0.47
2. Buildings	15.89				0.00	0.00	15.89
3. Other civil works	32.23				0.00	0.00	32.23
4. Plant & machinery as sum of:	319.79	3.11			0.00	3.11	316.68
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value							
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value							
(iii) Switchgear							
5. Lines and cable network as sum of:	127.61				0.00	0.00	127.61
(i) Towers, poles, fixtures, overhead, conductors and devices.							
(ii) Underground cables and devices.							
(iii) Service lines							
(iv) Metering equipment							
6. Vehicles	0.19				0.00	0.00	0.19
7. Furniture fixtures	1.17				0.00	0.00	1.17
8. Office equipment & others	1.71				0.00	0.00	1.71
9. Capital spares	-				0.00	0.00	0.00
10. Assets taken over & pending final valuation	-				0.00	0.00	0.00
11. Other items (provide a detailed list)	22.33				0.00	0.00	22.33
<b>Total</b>	<b>521.38</b>	<b>3.11</b>	<b>-</b>	<b>-</b>	<b>0.00</b>	<b>3.11</b>	<b>518.27</b>

## Form 1.1d: Written Down cost of Fixed Assets

Year 2005 - 06

(Rs. in crores)

Particulars of assets	Balance of written down cost of assets at the beginning of the year	Written down cost of assets retired during the year	Written down cost of assets sold during the year	Amount realised by way of sale of assets during the year	Excess of sale proceeds over written down cost transferred to Contingencies Reserve Account	Amount written off during the year	Balance written down cost at the end of the year
1. Land and rights							
2. Buildings							
3. Other civil works							
4. Plant & machinery as sum of:							
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value			NIL				
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value							
(iii) Switchgear							
5. Lines and cable network as sum of:							
(i) Towers, poles, fixtures, overhead, conductors and devices.							
(ii) Underground cables and devices.							
(iii) Service lines							
(iv) Metering equipment							
6. Vehicles							
7. Furniture fixtures							
8. Office equipment & others							
9. Capital spares							
10. Assets taken over & pending final valuation							
11. Other items (provide a detailed list)							
<b>Total</b>							

## Form 1.1e: Works in Progress

All units in Rs. Crores

## TOTAL

	Preceding Year FY 2003-04	Current Year FY 2004-05	Ensuing Year FY 2005-06
Opening Balance		232.59	216.10
Add: New Investment as sum of		135.00	250.00
Base Capital Expenditure			
Interest During Construction			
Establishment expenses			
Less: Investment Capitalised		151.49	97.46
<b>Closing Balance</b>		216.10	368.64

## 400KV sub-station Construction

	Preceding Year FY 2003-04	Current Year(Anticipated) FY 2004-05	Ensuing Year FY 2005-06
Opening Balance	10.7781	32.5181	21.4625
Add: New Investment as sum of			
Base Capital Expenditure	15.5842	13.6438	13.2506
Interest During Construction	5.5894	1.7736	1.7226
Establishment expenses	4.7815	1.3644	1.325
Less: Investment Capitalised	4.2151	27.8374	22.6819
<b>Closing Balance</b>	32.5181	21.4625	15.0788

## Form 1.1e: Works in Progress

## 400KV line, 220 KV line &amp; STC works

	Preceding Year FY 2003-04	Current Year(Anticipated) FY 2004-05	Ensuing Year FY 2005-06
Opening Balance	94.2419	94.2419	39.4755
Add: New Investment as sum of			
Base Capital Expenditure		9.34	111.4062
Interest During Construction		1.21	14.4829
Establishment expenses		0.93	11.1406
Less: Investment Capitalised		66.2519	7.1852
<b>Closing Balance</b>	94.2419	39.4755	169.32

## Form 1.1e: Works in Progress

## 220KV sub-station Construction-I

	Preceding Year FY 2003-04	Current Year FY 2004-05	Ensuing Year FY 2005-06
Opening Balance	54.5535	94.7384	92.7074
Add: New Investment as sum of			
Base Capital Expenditure	62.5156	28.8929	16.3734
Interest During Construction	8.127	1.7252	2.1285
Establishment expenses	6.2516	2.8893	1.6374
Less: Investment Capitalised	36.7093	35.5384	31.1959
<b>Closing Balance</b>	94.7384	92.7074	81.6508

## Form 1.1e: Works in Progress

## 220KV sub-station Construction-II

	Preceding Year FY 2003-04	Current Year FY 2004-05	Ensuing Year FY 2005-06
Opening Balance	17.824	11.088	11.114
Add: New Investment as sum of			
Base Capital Expenditure	9.931	19.275	27.356
Interest During Construction	1.192	0.686	3.556
Establishment expenses	0.993	1.928	2.736
Less: Investment Capitalised	18.852	21.863	36.396
<b>Closing Balance</b>	11.088	11.114	8.365

220 kV S/St Constr.-I  
FY2004-05

## Form 1.1e-1: Works in progress (project) details

(Rs. in Crores)

[illegible]

[illegible]

[illegible]

220 kV S/St Constr.-II  
FY2004-05

Form 1.1e-1: Works in progress (project) details

(Rs. in Crores)

Sl. No.	Project Name	Brief Description of the project	Project Cost		Reasons for cost revision	Project Schedule		Reasons for delay	Source of capital			
			Original estimate	Revised estimate		Original completion date	Revised completion date		Source 1	Amount 1	Source 2	Amount 2
	<b><u>220KV S/STN. SOUTH OF WAZIRABAD</u></b>											
	1	E.T.C. of 8 nos. addl. 220KV Feeder bays. AFO(W)/23992/95-96 Dtd. 18.7.95	4.335			100 days	Nov., 04	Equipment s like L.A. not available in Store.				
	2	E.T.C. of 6 nos. addl. 66KV feeder bays. AFO(W)/6344/98-99 Dtd. 29.6.98	1.797			50 days	Nov., 04	The site has been changed accordingl y civil				
	3	E.T.C. of One No. 100MVA 220/66 /11 KV Pr. Tr. AFO(W)/T-14/02-03 Dtd. 18.11.02	2.2124			75 days	Oct., 04	Site changed due to Court stay. Work				
	4	E.T.C. of One No. 220KV bay for 100MVA Pr. Tr. & 6 nos. 66KV Feeder bays. AFO(W)/86/03-04 Dtd. 19.2.04	2.3884			120 days	Dec.,05	Work under progress for one no. 220KV bay.				
	5	E.T.C. of 20MVA Pr. Tr. alongwith allied equipts. AFO(W)/83/03-04 dtd. 16.2.2004	2.1837			45 days	July,04	Completed and commissio ned on dated				
	<b><u>220KV S/STN. OKHLA</u></b>											
	1	Augmentation of 2 nos. 220/33KV 50 MVA Pr. Tr. with 2 nos. 220/33KV 100MVA Pr. Tr. AFO(W)/25763/95-96 Dtd. 29.3.96	7.0883			15 days	Dec.,05	Completed.				
	2	E.T.C. of 2 nos.220KV feeder bays for Siri Fort. AFO(W)/6420/98-99 Dtd. 6.7.98	1.2276			40 days	Aug.,05	Delayed in placing of order to the party, still under				

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400 kV S/St Construction  
FY2004-05

Form 1.1e-1: Works in progress (project) details

(Rs. in Crores)

Sl. No.	Project Name	Brief Description of the project	Project Cost		Reasons for cost revision	Project Schedule		Reasons for delay	Source of capital			
			Original estimate	Revised estimate		Original completion date	Revised completion date		Source 1	Amount 1	Source 2	Amount 2
1	BLBGH	Prov. for est.of 2 no. 400 KV bays at Ballabhgarh S/Stn. (Haryana)	4.51	9.36	Time over run	93-94	2003-04	Work heldup due to non-availability of right of way of				
		<b>ACA(W)/17209/91-92</b> DT.31.12.91.										
2	BLBGH	Prov.of erection of lattice type gal. steel str.,foundation bolts for 400/220KV S/Yard at Ballabhgarh S/Stn.	0.254			92-93	2003-04	-do-				
		<b>ACA (W)/18395/92-93</b>										
		DT. 3.6.92.										
3	BLBGH	Supply, ETC of PLCC equipt. at Ballabhgarh S/Stn.	0.127			95-96	2003-04	-do-				
		<b>ACA(W)/22284/94-95</b>										
		DT. 6.9.94.										
4	BMNL	Prov.est. 400KV S/Yard with 2x315 MVA Auto TR.& allied equip. at Bamnauli S/Stn.	22.5231			94-95	2003-04	-do-				
		<b>ACA(W) 16965/91-92</b>										
		DT. 6.11.91.										
5	BMNL	Supply, ETC of PLCC equipt. at Bamnauli S/Stn.	0.2857			95-96	2003-04	-do-				
		<b>ACA(W) /22283/94-95</b>										
		DT. 06.09.94.										
6	BMNL	ETC of 3rd 315 MVA Auto TR. (400/220KV ) & associated equpts. at Bamnauli S/Stn.	8.8741			2003-04	2004-05	--				
		<b>AFO(W)/TR/36/03-04</b>										
		DT. 24.04.03.										
7	BWN	LILO of 4 nos.220 KV bays for D/C NRL-NJF line at Bawana S/Stn.	4.96			96-97	2003-04	No offer received inspite of repeated re-				
		<b>ACA(W)/2297/96-97</b>										

		DT. 31.12.96.						floating of tender.				
8	MNDL	ETC of 2 nos. of 220 KV bays at Mandola.S/Stn. <b>ACA(W)/21277/93-94</b> DT. 28.03.94.	1.8254			95-96	2003-04	--				
9	SMYPR	Extn. of 2 Nos. bays at 220KV BBMB S/yard at Samaypur(HARIANA) <b>ACA(W)/16510/91-92</b> DT. 03.09.91.	1.4545					--				
10	RHN	ETC of 1 no. 220/66KV, 100MVA TR. alongwith 4 nos. of 66KV bays at Rohini 220KV S/Stn. <b>AFO(W)/23/2002-03</b> DT. 31.12.2002.	4.4694			2002-03	2003-04	--				
11	RHN	ETC of 2 nos. of 66KV bays for supply to DMRC/NDPL at Rohini S/Stn. <b>AM(F)/RBE/73/03-04</b> DT. 06.01.04.	0.676			March, 2004		--				
12	BMNL	Supply, E.T.C of PLCC Battery Charger for Bamanauli S/Stn DT..15.06.93	0.2307	0.323	Time over run	94-95	2003-04	Work heldup due to non-availability of right of				
13	BMNL	ETC of 4th 315MVA Transformer at Bamnauli S/Stn. <b>AFO(W)/TR/81/2003-04</b> DT. 16-02-04	8.7461			June, 2004		--				
14	BWNA	Supply,ETCoF PLCC equipr. at Bawana S/Stn. <b>ACA(W) /22282/94-95</b> DT. 6.9.94.	0.25			95-96	2003-04	--				

15	BWNA	Prov.est. 400KV S/Yard with 2x315 MVA Auto TR.& allied equip. at	22.1	31.094	Time over run	93-94	2003-04	--				
16	BWNA	ETC of 4th 315MVA Transformer at Bawana S/Stn. <b>AFO(W)/TR/82/2003-04</b> DT. 16-02-04	8.743			June, 2004		--				
17	MNDL	Prov. for est.of 2 nos. 400 KV bays at Mandola S/Stn.(U.P). <b>ACA(W)/17208/91-92</b> DT.21.12.91.	5.3	8.75	Time over run	93-94	2003-04	--				
18	RHN	E.T.C of 2 Nos. 66KV Feeder bays in 66KV Yard Bay No.20 & 21 for supply to NDPL at 220KV Rohini S/Stn. <b>AFO(W)/92/2003-04</b> DT.31.03.2004	0.5915			May, 2004		--				

**All Fig in Rs. Crores**

220 kV S/St Constr.-I  
FY2005-06

Form 1.1e-1: Works in progress (project) details

(Rs. in Crores)

[illegible]

[illegible]

FY2005-06

## Form 1.1e-1: Works in progress (project) details

(Rs. in Crores)

[illegible]

[illegible]

Form 1.1e-2: Break-up of Asset Capitalisation

(Rs. in crores)

Particulars of assets	Preceding year	Current year	Ensuing year
	FY 2003-04	FY 2004-05	FY 2005-06
1. Land and rights	0.47		
2. Buildings	3.86		
3. Other civil works	0.44		
4. Plant & machinery as sum of:	0.41		
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value			
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value			
(iii) Switchgear			
5. Lines and cable network as sum of:	63.04		
(i) Towers, poles, fixtures, overhead, conductors and devices.			
(ii) Underground cables and devices.			
(iii) Service lines			
(iv) Metering equipment			
6. Vehicles	0.00		
7. Furniture fixtures	0.13		
8. Office equipment & others	0.29		
9. Capital spares	0.00		
10. Assets taken over & pending final valuation	0.00		
11. Other items (provide a detailed list)	0.00		
<b>Total</b>	<b>68.65</b>	<b>151.49</b>	<b>97.46</b>



220 kV S/St Constr.-I  
Year 2004-05

Form 1.1e-3: Works in progress (capital Expenditure) Details

All Fig in Rs. Crores

Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction				Total investment capitalised
			upto the end of previous year	during the year (2004-05)(anticipated)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised	
1	Park Street	E.T.C. of 4x100MVA Pr. Trs. and a	8.3325	0.6566	8.9891	0.6566	0.8333	0.0657	0.899	0.0657	1.0832	0.0072	1.0904	0.0854	0.8077
2	NARAINA	E.T.C. of 2x100MVA Pr. Tr. & allied	8.0044	0	8.0044	0	0.8004	0	0.8804	0	1.0406	0	1.0406	0	0
3	PKL-I	E.T.C. of 2x100 & 2x20 MVA Pr. Tr.	15.17	1.39	16.56	1.39	1.517	0.139	1.656	0.139	1.9721	0	1.9721	0.1807	1.7097
4	PKL-I	E.T.C. of 2 nos. addl. 66KV bays	0.3569	0.2361	0.593	0.2361	0.0357	0.0236	0.0593	0.0236	0.0464	0.0115	0.0579	0.0307	0.2904
5	PKL-I	E.T.C. of 3rd 100MVA Pr. Tr.	2.6487	0.65	3.2987	0.65	0.2649	0.065	0.3299	0.065	0.3443	0.0052	0.3495	0.0845	0.7995
6	GOPALPUR	E.T.C. of 2 nos. 33KV bays	0.1323	0.1227	0.255	0.1227	0.0132	0.0123	0.0255	0.0123	0.0172	0.0009	0.0181	0.016	0.151
7	GOPALPUR	E.T.C. of 2 nos. feeder bays (9&10	0	1.625	1.625	1.625	0	0.1625	0.1625	0.1625	0	0	0	0.2113	1.9988
8	KASHMER	E.T.C. of 2 nos. 33KV bays	11.718	2.8714	14.5894	2.8714	1.1718	0.2871	1.4589	0.2871	1.5233	0.0011	1.5244	0.3733	3.5318
9	KASHMER	E.T.C. of 6 nos. CVTs and 2 nos. v	0.05	0	0.05	0	0.005	0	0.005	0	0.0065	0	0.0065	0	0
10	KANJHAWA	E.T.C. of 1no 100MVA & 2 nos. 20	8.2161	1.2915	9.5076	1.2915	0.8216	0.1292	0.9508	0.1292	1.0681	0	1.0681	0.1679	1.5886
11	KANJHAWA	Providing of yard light	0.0376	0	0.0376	0	0.0038	0	0.0038	0	0.0049	0	0.0049	0	0
12	KANJHAWA	E.T.C. of allied equipments for 2nd 10	0.4963	0.9873	1.4836	0.9873	0.0496	0.0987	0.1483	0.0987	0.0645	0.0344	0.0989	0.1283	1.2143
13	KANJHAWA	E.T.C. of 2nd 100MVA Pr. Tr. AFO	0	3.5841	3.5841	3.5841	0	0.3584	0.3584	0.3584	0	0.0006	0.0006	0.4659	4.4084
14	PKL-II	Estb. of 220KV/66KV/11KV S/Stn.	7.3528	15.0752	22.428	15.0752	0.7353	1.5075	2.2428	1.5075	0.9559	1.6643	2.6202	1.9598	18.5425
15	SHALIMA	E.T.C. of 2 nos. 33KV bays AM(W)/	0	0.403	0.403	0.403	0	0.0403	0.0403	0.0403	0	0	0	0.0524	0.4957
	<b>Total</b>		<b>62.5156</b>	<b>28.8929</b>	<b>91.4085</b>	<b>28.8929</b>	<b>6.2516</b>	<b>2.8893</b>	<b>9.2209</b>	<b>2.8893</b>	<b>8.127</b>	<b>1.7252</b>	<b>9.8522</b>	<b>3.7562</b>	<b>35.5384</b>

220 kV S/St Constr.-II  
Year 2004-05

Form 1.1e-3: Works in progress (capital Expenditure) Details

Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction				Total investment capitalised
			upto the end of previous year	during the year (2004-05)(anticipated)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised	
1	SOUTH OF	E.T.C. of 8 nos. addl. 220KV Feeder	4.4233	0.6076	5.0309	0.6076	0.4423	0.0608	0.5031	0.0608	0.575	0.053	0.628	0.079	0.7474
2	SOUTH OF	E.T.C. of 6 nos. addl. 66KV bays	0.5626	1.1407	1.7033	1.1407	0.0563	0.1141	0.1704	0.1141	0.0731	0.0612	0.1343	0.1483	1.4031
3	SOUTH OF	E.T.C. of 1 No. 100MVA Pr. Tr.	0.0075	2.3037	2.3112	2.3037	0.0008	0.2304	0.2312	0.2304	0.001	0.2943	0.2953	0.2995	2.8336
4	SOUTH OF	E.T.C. of One no. 100MVA Pr. Tr. at	0	0.6128	0.6128	0.6128	0	0.0613	0.0613	0.0613	0	0.0004	0.0004	0.0797	0.7538
5	SOUTH OF	E.T.C. of 20MVA Pr. Tr. alongwith	0	1.874	1.874	1.874	0	0.1874	0.1874	0.1874	0	0.2408	0.2408	0.2436	2.305
6	OKHLA	Augmentation of 2 nos. 220/33KV	3.4102	0.0095	3.4197	0.0095	0.341	0.001	0.342	0.001	0.4433	0.0012	0.4445	0.0012	0.0117
7	OKHLA	E.T.C. of 2 nos. 220KV feeder bays	0	1.9381	1.9381	1.9381	0	0.1938	0.1938	0.1938	0	0.018	0.018	0.252	2.3839
8	LODHI ROAD	E.T.C. of 4 nos. 33KV feeder bays	0.2541	0.0103	0.2644	0.0103	0.0254	0.001	0.0264	0.001	0.033	0.0013	0.0343	0.0013	0.0126
9	GEETA COLONY	Comm. of 220KV equpts. in 7 nos.	1.2737	9.1229	10.3966	9.1229	0.1274	0.9123	1.0397	0.9123	0.1656	0.016	0.1816	1.186	11.2212
10	GEETA COLONY	Laying of Earthmat and taking out	0	0.1551	0.1551	0.1551	0	0.0155	0.0155	0.0155	0	0	0	0.0202	0.1908
11	SIRI FOR	Comm. of 220KV S/Stn. with 2 nos	0	1.5	1.5	0	0	0.15	0.15	0	0	0	0	0	0
	Total		9.9314	19.2747	29.2061	17.7747	0.9932	1.9276	2.9208	1.7776	1.291	0.6862	1.9772	2.3108	21.8631

400KV Line, 220 kV line & STC works			Form 1.1e-3: Works in progress (capital Expenditure) Details																		
Year 2004-05																					
Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction				Total investment capitalised						
			upto the end of previous year	during the year (2004-05)(anticipated)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised	upto the end of previous year	during the year (2004-05)	upto the end of current year	capitalised							
1	400KV Lin	Erection, testing & commissioning	49.1247	1.6	50.7247	50.7247	4.9125	0.16	5.0725	5.0725	6.3862	0.208	6.5942	6.5942	62.3914						
2	220KV Lin	220KV D/C T/L from South of Waz	2.4537	0.05	2.5037	2.5037	0.2454	0.005	0.2504	0.2504	0.319	0.0065	0.3255	0.3255	3.0796						
3	220KV Lin	Loop in loop out of 220KV D/C T/L	0.256	1.05	1.306		0.0256	0.105	0.1306	0	0.0333	0.1365	0.1698	0	0						
4	220KV Lin	220KV D/C T/L from Bamnauli to	0	3.1181	3.1181		0	0.3118	0.3118	0	0	0.4054	0.4054	0	0						
5	220KV Lin	Loop in loop out of 220KV D/C T/L	0	0.4137	0.4137	0.4137	0	0.0414	0.0414	0.0414	0	0.0538	0.0538	0.0538	0.5089						
6	220KV Lin	Erection, Testing & Commissioning	4.1698	0.2	4.3698		0.417	0.02	0.437	0	0.5421	0.026	0.5681	0	0						
7	220KV Lin	220 KV Third Circuit from Murad N	7.144	0	7.144		0.7144	0	0.7144	0	0.9287	0	0.9287	0	0						
8	220KV Lin	220KV D/C T/L from Bawana to R	1.6642	1.5758	3.24		0.1664	0.1576	0.324	0	0.2163	0.2049	0.4212	0	0						
9	220KV Lin	220KV D/C T/L from naraina to Pa	1.7701	0	1.7701		0.177	0	0.177	0	0.2301	0	0.2301	0	0						
10	220KV Lin	220KV D/C T/L from Bamnauli to	3.9683	0.05	4.0183		0.3968	0.005	0.4018	0	0.5159	0.0065	0.5224	0	0						
11	220KV Lin	220KV D/C T/L from Gazipur to N	2.8939	0.25	3.1439		0.2894	0.025	0.3144	0	0.3762	0.0325	0.4087	0	0						
12	220KV Lin	Loop in Loop out of 220KV D/C T/L	0.1231	0.025	0.1481	0.1481	0.0123	0.0025	0.0148	0.0148	0.016	0.0033	0.0193	0.0193	0.1822						
13	220KV Lin	Loop in Loop out of 220KV D/C T/L	0.068	0.005	0.073	0.073	0.0068	0.0005	0.0073	0.0073	0.0088	0.0007	0.0095	0.0095	0.0898						
14	220KV Lin	Loop in Loop out of 220KV D/C T/L	2.0485	0.5	2.5485		0.2049	0.05	0.2549	0	0.2663	0.065	0.3313	0	0						
15	220KV Lin	220KV D/C T/L from Papankalan-I	0.9351	0.5	1.4351		0.0935	0.05	0.1435	0	0.1216	0.065	0.1866	0	0						
16	220KV ca	220KV cables from Okhla to Siri Fa	0	0	0		0	0	0	0	0	0	0	0	0						
17	220 KV ca	220KV cables from naraina to Park	0	0	0		0	0	0	0	0	0	0	0	0						
		Total	76.6194	9.3376	85.957	53.8632	7.662	0.9338	8.5958	5.3864	9.9605	1.2141	11.175	7.0023	66.2519						

400kV S/St Construction		Form 1.1e-3: Works in progress (capital Expenditure) Details													
Year 2004-05															
Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction				Total Investment
			upto the end of the year	during the year	upto the end of the year	capitalised	upto the end of the year	during the year	upto the end of the year	capitalised	upto the end of the year	during the year	upto the end of the year	capitalised	
1	BLBGH	Prov. for est. of 2 no. 400 KV bays <b>ACA(W)/17209/91-92</b> DT.31.12.91.	5.4026	0.63	6.0326	2.7671	0.5403	0.063	0.6033	0.3065	0.7023	0.0819	0.7829	0.3593	3.4329
2	BLBGH	Supply, ETC of PLCC equip. at B DT. 6.9.94.	0.1	0.015	0.115	0.0515	0.01	0.0015	0.0115	0.0052	0.013	0.0019	0.0149	0.0066	0.0633
3	BMNL	Prov.est. 400KV S/Yard with 2x31 DT. 6.11.91.	20.9573	1.12	22.0773	1.12	2.0957	0.112	2.2077	0.112	2.7244	0.1456	2.87	0.1456	1.3776
4	BMNL	Supply, ETC of PLCC equip. at B <b>ACA(W)/22283/94-95</b> DT. 06.09.94.	0.2901	0.01	0.3001	0.01	0.029	0.001	0.03	0.001	0.0377	0.0013	0.039	0.0013	0.0123
5	BMNL	ETC of 3rd 315 MVA Auto TR. (4) DT. 24.04.03.	5.25	2.733	7.983	7.983	0.525	0.2733	0.7983	0.7983	0.6825	0.3553	1.0378	1.0378	9.8193
6	BWN	LILO of 4 nos.220 KV bays for D/C <b>ACA(W)/2297/96-97</b> DT. 31.12.96	1.856	3.104	4.96	4.96	0.1856	0.3104	0.496	0.496	0.2413	0.4035	0.6448	0.6448	6.1008
7	MNDL	ETC of 2 nos. of 220 KV bays DT. 28.3.94.	1.33	0.04	1.37	0.04	0.133	0.004	0.137	0.004	0.1729	0.0052	0.1781	0.0052	0.0492
8	RHN	ETC of 1 no. 220/66KV, 100MVA DT. 31.12.2002.	4.3716	0.0978	4.4694	4.4694	0.4372	0.0098	0.447	0.447	0.5683	0.0127	0.581	0.581	5.4974
9	RHN	ETC of 2 nos. of 66KV bays for su <b>AM(F)/RBE/73/03-04</b> DT. 06.01.04.	0.503	0.173	0.676	0.676	0.0503	0.0173	0.0676	0.0676	0.0654	0.0225	0.0879	0.0879	0.8315
10	BMNL	ETC of 4th 315MVA Transformer DT. 16-02-04	0	0.01	0.01	0	0	0.001	0.001	0	0	0.0013	0.0013	0	0
11	BWNA	ETC of 4th 315MVA Transformer DT. 16-02-04	0	5.18	5.18	0	0	0.518	0.518	0	0	0.6734	0.6734	0	0
12	RHN	E.T.C of 2 Nos. 66KV Feeder bay DT. 16-02-04	0	0.531	0.531	0.531	0	0.0531	0.0531	0.0531	0	0.069	0.069	0.069	0.6531
		<b>Total</b>	<b>40.0606</b>	<b>13.6438</b>	<b>53.7044</b>	<b>22.608</b>	<b>4.0061</b>	<b>1.3644</b>	<b>5.3705</b>	<b>2.2907</b>	<b>5.2078</b>	<b>1.7736</b>	<b>6.9801</b>	<b>2.9385</b>	<b>27.8374</b>

## 220 kV S/St Constr.-I

## Form 1.1e-3: Works in progress (capital Expenditure) Details

Year 2005-06

All Fig. In Rs. Crores

Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction			
			upto the end of previous year	during the year (2005-06)(anticipated)	upto the end of current	capitalised	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalised	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalised
1	PARK STREET	Commissioning of 4x100MVA Pr. Tr.	8.9891	1	9.9891	1	0.8989	0.1	0.9989	0.1	1.1686	0.13	1.2986	0.13
2	NARAINA	Commissioning of 3rd 100MVA Pr. Tr.	0	3.6461	3.6461	3.6461	0	0.3646	0.3646	0.3646	0	0.474	0.474	0.474
3	PPKL - I	Comm. of 4th 100MVA Pr. Tr. and a	0	4.1309	4.1309	4.1309	0	0.4131	0.4131	0.4131	0	0.537	0.537	0.537
4	PPKL - I	Comm. of 2 nos. 66KV bays for DMR	0	0.5928	0.5928	0.5928	0.0593	0.0593	0.1186	0.0593	0.0771	0.0771	0.1542	0.0771
5	SHALIMAR	Comm. of 3rd 100MVA Pr. Tr. and a	0	3.4948	3.4948	3.4948	0	0.3495	0.3495	0.3495	0	0.4543	0.4543	0.4543
6	ROHINI	Comm. of 4th 100MVA Pr. Tr. and a	0	3.5088	3.5088	3.5088	0	0.3509	0.3509	0.3509	0	0.4561	0.4561	0.4561
	<b>Total</b>		<b>8.9891</b>	<b>16.3734</b>	<b>25.3625</b>	<b>16.3734</b>	<b>0.9582</b>	<b>1.6374</b>	<b>2.5956</b>	<b>1.6374</b>	<b>1.2457</b>	<b>2.1285</b>	<b>3.3742</b>	<b>2.1285</b>

## 220 kV S/St Constr.-II

## Form 1.1e-3: Works in progress (capital Expenditure) Details

Year 2005-06

Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction			
			upto the end of previous year	during the year (2005-06)(anticipated)	upto the end of current	capitalised	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalised	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalised
1	GEETA COL	Comm. of 7 nos. 220KV bays and 10	10.3966	3.48	13.8766	4.0766	1.0397	0.348	1.3877	0.4077	1.3516	0.4524	1.804	0.53
2	SIRI FORT	Comm. of 220KV S/Stn. with 2x100	1.5	16.8	18.3	16.5	0.15	1.68	1.83	1.65	0.195	2.184	2.379	2.145
3	LODHI ROAD	Comm. of 33KV GIS/AIS	0	3.1228	3.1228	3.1228	0	0.3123	0.3123	0.3123	0	0.406	0.406	0.406
4	S.O.W.	Comm. of one no. 220KV bay for 10	0.6128	1.7756	2.3884	1.7756	0.0613	0.1776	0.2389	0.1776	0.0797	0.2308	0.3105	0.2308
5	S.O.W.	Comm. of 3 nos. 220KV feeder bays	0	2.1771	2.1771	2.1771	0	0.2177	0.2177	0.2177	0	0.283	0.283	0.283
6	OKHLA	Comm. of 2 nos. 220KV feeder bays	0	0	0	1.9381	0	0	0	0.1938	0	0	0	0.252
	<b>Total</b>		<b>12.5094</b>	<b>27.3555</b>	<b>39.8649</b>	<b>29.5902</b>	<b>1.251</b>	<b>2.7356</b>	<b>3.9866</b>	<b>2.9591</b>	<b>1.6263</b>	<b>3.5562</b>	<b>5.1825</b>	<b>3.8468</b>

400kV Line, 220 kV line & STC works			Form 1.1e-3: Works in progress (capital Expenditure) Details											
Year 2005-06														
Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction			
			upto the end of previous year	during the year (2005-06)(anticipated	upto the end of current	capitalise d	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalise d	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalise d
1	400KV Line	Erection, testing & commissioning of	0		0		0	0	0	0	0	0	0	0
2	220KV Line	220KV D/C T/L from South of Wazirpur	0		0		0	0	0	0	0	0	0	0
3	220KV Line	Loop in loop out of 220KV D/C T/L	1.6064	0.1	1.7064	1.7064	0.1606	0.01	0.1706	0.1706	0.2088	0.013	0.2218	0.2218
4	220KV Line	220KV D/C T/L from Bamnawali to Park Road	3.8353	0.3	4.1353	4.1353	0.3835	0.03	0.4135	0.4135	0.4986	0.039	0.5376	0.5376
5	220KV Line	Loop in loop out of 220KV D/C T/L	0		0		0	0	0	0	0	0	0	0
6	220KV Line	Erection, Testing & Commissioning of	5.3749		5.3749		0.5375	0	0.5375	0	0.6987	0	0.6987	0
7	220KV Line	220 KV Third Circuit from Muradpur to	8.7871	0	8.7871		0.8787	0	0.8787	0	1.1423	0	1.1423	0
8	220KV Line	220KV D/C T/L from Bawana to Rohtak	3.9852	0	3.9852		0.3985	0	0.3985	0	0.5181	0	0.5181	0
9	220KV Line	220KV D/C T/L from naraina to Park Road	2.1772	0	2.1772		0.2177	0	0.2177	0	0.283	0	0.283	0
10	220KV Line	220KV D/C T/L from Bamnawali to Rohtak	4.9425	2	6.9425		0.4943	0.2	0.6943	0	0.6425	0.26	0.9025	0
11	220KV Line	220KV D/C T/L from Gazipur to Naraina	3.867	0.25	4.117		0.3867	0.025	0.4117	0	0.5027	0.0325	0.5352	0
12	220KV Line	Loop in Loop out of 220KV D/C T/L	0	0	0		0	0	0	0	0	0	0	0
13	220KV Line	Loop in Loop out of 220KV D/C T/L	0	0	0		0	0	0	0	0	0	0	0
14	220KV Line	Loop in Loop out of 220KV D/C T/L	3.1347	0	3.1347		0.3135	0	0.3135	0	0.4075	0	0.4075	0
15	220KV Line	220KV D/C T/L from Papankalan-I to	1.7652	1.1	2.8652		0.1765	0.11	0.2865	0	0.2295	0.143	0.3725	0
16	220KV cable	220KV cables from Okhla to Siri Fort	0	45.225	45.225		0	4.5225	4.5225	0	0	5.8793	5.8793	0
17	220 KV cable	220KV cables from naraina to Park Road	0	62.4312	62.4312		0	6.2431	6.2431	0	0	8.1161	8.1161	0
		<b>Total</b>	<b>39.4755</b>	<b>111.4062</b>	<b>150.8817</b>	<b>5.8417</b>	<b>3.9475</b>	<b>11.1406</b>	<b>15.0881</b>	<b>0.5841</b>	<b>5.1317</b>	<b>14.4829</b>	<b>19.6146</b>	<b>0.7594</b>

400kV S/St Construction

Form 1.1e-3: Works in progress (capital Expenditure) Details

Year 2005-06

Sl. No.	Project Name	Brief description the project	Base capital expenditure				Establishment expenses				Interest during construction			
			upto the end of previous year	during the year (2005-06)(anticipat	upto the end of current	capitalise d	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalise d	upto the end of previous year	during the year (2005-06)	upto the end of current	capitalise d
1	BLBGH	Prov. for est.of 2 no. 400 KV bays at Ballabgarh S/Stn. <b>ACA(W)/17209/91-92</b>	6.0326		6.0326		0.6033		0.6033		0.7842		0.7842	
2	BLBGH	Prov.of erection of lattice type gal.steel str.,foundation bolts for 400/220KV S/Yard at Ballabgarh S/Stn. ACA (W)/18395/92-93 DT. 3.6.92.	0.2623		0.2623		0.0262		0.0262		0.0341		0.0341	
3	BLBGH	Supply, ETC of PLCC equipt. at Ballabgarh S/Stn. <b>ACA(W)/22284/94-95</b> DT. 6.9.94.	0.115		0.115		0.0115		0.0115		0.015		0.015	
4	BMNL	Prov.est. 400KV S/Yard with 2x315 MVA Auto TR.& allied equip. at Bamnauli S/Stn. <b>ACA(W) 16965/91-92</b> DT. 6.11.91.	22.0773		22.0773		2.2077		2.2077		2.87		2.87	
5	BMNL	Supply, ETC of PLCC equipt. at <b>ACA(W) /22283/94-95</b> DT. 06.09.94.	0.3001		0.3001		0.03		0.03		0.039		0.039	
6	BMNL	ETC of 3rd 315 MVA Auto TR. (400/220KV ) & associated equpts. at Bamnauli S/Stn. <b>AFO(W)/TR/36/03-04</b> DT. 24.04.03.	5.95	0.02	5.97		0.595	0.002	0.597		0.7735	0.0026	0.7735	0.0026
7	BWN	LIFO of 4 nos.220 KV bays for D/C NRL-NJF line at Bawana <b>ACA(W)/2297/96-97</b> DT. 31.12.96.	2.376		2.376		0.2376		0.2376		0.3098		0.3089	
8	MNDL	ETC of 2 nos. of 220 KV bays at Mandola.S/Stn. <b>ACA(W)/21277/93-94</b> DT. 28.3.94.	1.37		1.37		0.137		0.137		0.1781		0.1781	

9	SMYPR	Extn. of 2 Nos. bays at 220KV BBMB S/yard at Samaypur(HARIANA) <b>ACA(W)/16510/91-92</b>	0.015		0.015		0.0015		0.0015		0.002		0.002	
		DT. 3.9.91.												
10	RHN	ETC of 1 no. 220/66KV, 100MVA TR. alongwith 4 nos. of 66KV bays at Rohini 220KV S/Stn. <b>AFO(W)/23/2002-03</b>	4.4384		4.4384		0.4438		0.4438		0.577		0.577	
		DT. 31.12.2002.												
11	RHN	ETC of 2 nos. of 66KV bays for supply to DMRC/NDPL at Rohini S/Stn.	0.5415		0.5415		0.0542		0.0542		0.0704		0.0704	
		<b>AM(F)/RBE/73/03-04</b> DT. 06.01.04.												
12	BMNL	Supply, E.T.C of PLCC Battery Charger for Bamnauli S/Stn. <b>ACA(W)/20205/93-94</b> DT..15.06.93	0.1455		0.1455		0.0146		0.0146		0.0189		0.0189	0.0923
13	BMNL	ETC of 4th 315MVA Transformer at Bamnauli S/Stn. <b>AFO(W)/TR/81/2003-04</b> DT. 16-02-04	0.01	0.71	0.72		0.001	0.071	0.072		0.0013	0.0923	0.0013	
14	BWNA	Supply,ETCof PLCC equipt. at Bawana S/Stn. <b>ACA(W) /22282/94-95</b> DT. 6.9.94.	0.01		0.01		0.001		0.001		0.0013		0.0013	
15	BWNA	Prov.est. 400KV S/Yard with 2x315 MVA Auto TR.& allied equip. at Bawana S/Stn <b>ACA(W)16428/91-92</b> DT.22.08.91.	0.32		0.32		0.032		0.032		0.0416		0.0416	
16	BWNA	ETC of 4th 315MVA Transformer at Bawana S/Stn. <b>AFO(W)/TR/82/2003-04</b> DT 16-02-04	0.18		0.18		0.018		0.018		0.0234		0.0234	
17	MNDL	Prov. for est.of 2 nos. 400 KV bays at Mandola S/Stn.(U.P). <b>ACA(W)/17208/91-92</b> DT.21.12.91.	0.17		0.17		0.017		0.017		0.0221		0.0221	
18	RHN	E.T.C of 2 Nos. 66KV Feeder bays in 66KV Yard Bay No.20 & 21 for supply to NDPL at 220KV Rohini S/Stn.	0.03		0.03		0.003		0.003		0.0039		0.0039	

		AFO(W)/92/2003-04												
		Total	44.3437	0.73	45.0737		4.4344	0.073	4.5074		5.7656	0.0949	5.7647	0.0949



Total investm ent capitalis ed
1.23
4.4847
5.081
0.7292
4.2986
4.3158
20.1393

Total investm ent capitalis ed
5.0143
20.295
3.8411
2.184
2.6778
2.3839
36.3961

[illegible]

Total investment capitalised							
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[illegible]

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## Form 1.1f: Domestic Loans and Debentures

Year 2004 - 05

Sl No.	Name of the institution	Year of raising loan	Amount of loan (Rs. crores)	Moratorium period (Years)	Loan tenure (Years)	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Rate of interest (indicative range in case of several loans during a year)	Interest to be paid during the year
1	Holding Company	2002-03		4	13	270.00	0.00	0.00	270.00	0.00%	0
		2004-05				0.00	180.00	130.00	50.00	11.00%	7.38
2	GNCTD	2002-03		0	15	30.92	0.00	2.21	28.71	13.00%	4.02
		2003-04		0	15	26.25	0.00	1.75	24.50	11.50%	3.02
		2003-04		0	15	52.50	0.00	3.50	49.00	11.50%	6.04
		2003-04		0	15	13.23	0.00	0.88	12.35	11.50%	1.52
		2004-05		0	15	0.00	33.75	0.00	33.75	11.50%	-
		2004-05		0	15	0.00	33.75	0.00	33.75	11.50%	-
		2004-05		0	15	0.00	67.50	0.00	67.50	11.50%	-
		2004-05				2,834.00	480.00	0.00	3,314.00	0.00%	-
	Total	<b>TOTAL</b>				<b>3,226.90</b>	<b>795.00</b>	<b>138.34</b>	<b>3,883.56</b>		<b>21.98</b>

## Form 1.1f: Domestic Loans and Debentures

Year 2005 - 06

Sl No.	Name of the institution	Year of raising loan	Amount of loan (Rs. crores)	Moratorium period (Years)	Loan tenure (Years)	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Rate of interest (indicative range in case of several loans during a year)	Interest to be paid during the year
1	Holding Company	2002-03		4	13	270.00	0.00	0.00	270.00	0.00%	0
		2004-05				50.00	0.00	0.00	50.00	11.00%	5.50
2	GNCTD	2002-03		0	15	28.71	0.00	2.21	26.51	13.00%	3.73
		2003-04		0	15	24.50	0.00	1.75	22.75	11.50%	2.82
		2003-04		0	15	49.00	0.00	3.50	45.50	11.50%	5.64
		2003-04		0	15	12.35	0.00	0.88	11.47	11.50%	1.42
		2004-05		0	15	33.75	0.00	2.25	31.50	11.50%	3.88
		2004-05		0	15	33.75	0.00	2.25	31.50	11.50%	3.88
		2004-05		0	15	67.50	0.00	4.50	63.00	11.50%	7.76
		2005-06		0	15	0.00	250.00	0.00	250.00	11.50%	-
		2005-06				3,314.00	138.00	0.00	3,452.00	0.00%	-
	Total	<b>TOTAL</b>				<b>3,883.56</b>	<b>388.00</b>	<b>17.34</b>	<b>4,254.22</b>		<b>34.63</b>







## Form 1.1g: Foreign Loans and Debentures

[illegible]

Interest to be paid during the year in local and foreign currency	Remarks

## Form 1.2a: Reasonable Return

(Rs. in crores)

[illegible]

Form 1.3: Expenditure

(Rs. in crores)

Sixth Schedule Ref	Data Required	Previous year 2003- 04	Current year 2004-05		
			Actual April- Sep	Estimated Oct- Mar	Total 12 months
	Expenditure properly incurred on :				
2(b)(i)	Generation of energy				
2(b)(i)	Purchase of Energy (details in Form 1.3 b)	4,583.25	2,483.11	2,295.02	4,778.13
2(b)(ii)	Transmission or distribution and sale of energy (broken down as )				
	1. Wages, salaries, other allowances and benefits (including bonuses/incentives) of regular employees (details in form 1.3c)	31.91	19.24	20.58	39.82
	2. Administrative and General expenses relating to the generation or transmission or distribution and sale of energy (details in form 1.3d)	12.47	5.73	6.72	12.45
	3. Non-labour repair and maintenance expenses relating to the generation or transmission or distribution and sale of energy (details in form 1.3e)	9.32	6.04	7.37	13.41
2(b)(iii)	Rents, Rates & Taxes, other than all taxes on income and profit				
2(b)(iv)	Interest on loans advanced by the Board/State Government				14.60
2(b)(iv-a)	Interest on loans borrowed from organisation or institutions approved by the State				7.38
2(b)(iv-b)	Interest on debenture/ loans				
2(b)(v)	Interest on security deposit				
2(b)(vi)	Legal charges				
2(b)(vii)	Bad Debts				
2(b)(viii)	Auditors' fees				
2(b)(x)	Depreciation	23.23			27.73
2(b)(xi)	Other admissible expenses not included herein but excluding interest on debentures and loans (provide details)(Rebate to DISCOMs on of sale of power, Commission's Processing fee)	9.05	7.40	11.03	18.43
2(b)(xii)	Contribution to provide fund, staff pension & gratuity				
2(b)(xii-a)	Expenses on apprentice and other training schemes				
2(b)(xiii)	Bonus/Incentive paid to the employees other than regular employees				
	<i>Total "expenditure before special appropriations"(Sum of above)</i>	4,669.22			4,911.95
	Less : Expense Capitalized				
	Interest Capitalized				16.01
	Exp. Capitalized				16.01

	<i>Net "expenditure before special appropriations"</i>	4,669.22			4,895.94
2©	Special appropriation to cover.				
2(c)(I)	Previous Losses				
2(c)(ii)	All taxes on income and profits				
2(c)(iii)	Installment of written down amounts in respect of intangible asset and new capital issue expenses.				
2(c)(iv)	Contribution to contingency reserve.				1.85
2(c)(v)	Contribution towards arrears depreciation				
2(c)(v-a)	Contribution to Development Reserve				
2(c)(v-b)	Debt redemption obligation				
2(c)(vi)	Other special appropriation				
	<i>Total "special appropriation" (Sum of above)</i>	0.00			1.85
	Total "expenditure" (including special appropriation)	4,669.22			4,897.79

Ensuing year 2005- 06
5,569.40
43.81
13.70
19.75
29.13
5.50
33.31
23.41
5,738.00
6.83
6.83

5,731.17
2.22
2.22
5,733.39



## Form 1.3b: Cost of Purchased Energy

2005-06

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased / booked for YEAR	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	Wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from station
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.) per year	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000	174	8.72%	364.59		1,179.10	31.79	93.46	1.94		6.40	133.58	113.29
Anta	419	49	11.72%	79.49		290.59	9.32	39.47	0.00		0.95	49.74	171.17
Rihand	1,000	112	11.22%	499.25		772.00	56.01	58.01	1.51		8.41	123.95	160.56
Auriya	663	80	12.07%	144.44		483.36	17.44	70.82	0.00		1.99	90.25	186.71
Dadri (Gas)	830	101	12.22%	210.96		614.28	25.78	104.71	0.00		4.34	134.83	219.49
Unchahar-I	420	26	6.10%	195.91		186.25	11.95	20.95	0.30		0.97	34.16	183.43
Unchahar-II	420	52	12.41%	221.21		378.08	27.45	41.84	0.62		0.00	69.91	184.91
Dadri (Thermal)	840	698	83.15%	367.89		4,303.36	305.90	703.84	5.95		8.56	1,024.25	238.01
<b>NHPC</b>													
Baira- Suil	180	20	11.00%	46.86		76.26	5.15	4.07	0.24		0.08	9.54	125.11
Salal	690	80	11.62%	173.25		377.22	20.13	25.55	1.31		0.44	47.43	125.74
Tanakpur	95	12	12.81%	44.67		52.31	5.72	3.93	0.37		0.09	10.11	193.35
Chimera I	540	43	7.90%	209.32		143.45	16.54	10.46	0.99		0.83	28.82	200.93
Chimera II	300	53	17.68%	0.00		239.07	0.00	54.51	0.00		0.00	54.51	228.00
Uri	480	53	11.04%	513.59		271.26	56.70	19.74	3.12		1.14	80.70	297.52
<b>NJPC</b>	1,500	167	11.15%	0.00		772.10	0.00	181.44	0.00		0.00	181.44	235.00
<b>NPC</b>													
Napp	440	52	11.86%	0.00		275.99	0.00	64.24	0.00		2.50	66.73	241.79
Rapp B#3	220	3	1.22%	0.00		12.40	0.00	3.44	0.00		0.00	3.44	277.73
Rapp B#4	220	47	21.22%	0.00		215.83	0.00	59.94	0.00		0.00	59.94	277.73
<b>PTC</b>													
<b>Trading Companies</b>						645.88		180.28			19.24	199.51	308.90
HPSEB						1,383.30		404.11			2.01	406.12	293.59
<b>PGCIL</b>									8.24	147.69	6.66	162.60	
Transmission for NR													
Transmission for ER													
RLDC Charges										1.28		1.28	
ULDC Charges										16.34		16.34	
<b>BTPS</b>						4,972.32		1,226.92				1,226.92	246.75
<b>GENCO</b>				183.93		3,130.00	258.05	0.00				258.05	82.44
IP						625.00		136.25				136.25	218.00
Rajghat						807.00		158.98				158.98	197.00
GTPS						1,698.00		288.66				288.66	170.00
<b>PPCL</b>						2,245.00	278.05	291.85	2.81			572.71	255.10
<b>TOTAL PURCHASE</b>						<b>23,019.40</b>	<b>1,125.98</b>	<b>4,247.47</b>	<b>27.40</b>	<b>165.32</b>	<b>64.60</b>	<b>5,630.77</b>	<b>244.61</b>

[illegible]

Form 1.3b: Cost of Purchased Energy

2004-05(Oct04 to Mar 05)

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/booked for 6 months	Capacity/ Composite Charges paid	Variable cost paid	incentive/ penalty payment	Wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.) per year	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10.00	11	12.00	13	14
<b>NTPC</b>													
Singrauli	2,000	175	8.75%	364.59		593.79	15.95	44.82	0.97		3.22	64.97	109.41
Anta	419	49	11.75%	79.49		140.83	4.67	17.88	0.00		0.46	23.01	163.39
Rihand	1,000	113	11.25%	499.25		387.07	28.08	27.70	0.76		4.22	60.76	156.97
Auriya	663	80	12.10%	144.44		242.30	8.74	33.18	0.00		1.00	42.92	177.12
Dadri (Gas)	830	102	12.26%	210.96		307.95	12.93	49.06	0.00		2.17	64.16	208.34
Unchahar-I	420	26	6.11%	195.91		93.28	5.98	9.99	0.15		0.48	16.61	178.07
Unchahar-II	420	52	12.44%	221.21		189.99	13.76	20.03	0.31		-	34.09	179.45
Dadri (Thermal)	840	664	79.04%	367.89		2,139.50	145.39	333.26	2.82		4.26	485.73	227.03
<b>NHPC</b>													
Baira- Suil	180	20	11.00%	46.86		19.02	2.58	0.97	0.12		0.08	3.74	196.74
Salal	690	80	11.62%	173.25		95.60	10.07	6.17	0.65		0.44	17.33	181.22
Tanakpur	95	12	12.81%	44.67		17.97	2.86	1.29	0.19		0.09	4.42	246.04
Chimera I	540	43	7.90%	209.32		35.99	8.27	2.50	0.50		0.83	12.10	336.11
Chimera II	300	53	17.68%	0.00		70.52	0.00	16.08	0.00		0.00	16.08	228.00
Uri	480	53	11.04%	513.59		115.71	28.35	8.02	1.56		1.14	39.07	337.68
<b>njpc</b>	1,500	167	11.15%	0.00		188.60	0.00	44.32	0.00		0.00	44.32	235.00
<b>NPC</b>													
Napp	440	52	11.89%	0.00		138.35	0.00	30.67			1.25	31.92	230.71
Rapp B#3	220	3	1.25%	0.00		6.36	0.00	1.68			0.00	1.68	264.50
Rapp B#4	220	47	21.25%	0.00		108.07	0.00	28.59			0.00	28.59	264.50
<b>PTC</b>													
Tata Power						135.30	0.00	36.48			2.67	39.16	289.41
<b>PTC</b>						117.60		33.34			2.74	36.08	306.81
<b>Adani Export</b>						62.40		17.19			2.65	19.85	318.04
<b>Reliance</b>						129.80		36.10			5.19	41.29	318.09
<b>HSEB</b>						141.80		42.54			1.99	44.52	314.00
HPSEB						74.40	0.00	21.73			0.11	21.85	293.64
<b>PGCIL</b>									8.10	72.53	6.51	87.13	0.00
Transmission for NR													
Transmission for ER													
RLDC Charges										0.64		0.64	
ULDC Charges										8.17		8.17	
<b>BTPS</b>						2,269.92		533.43				533.43	235.00
<b>GENCO</b>						1,239.81	91.97					91.97	74.18
IP						189.82		34.93				34.93	184.00
Rajghat						342.87		56.92				56.92	166.00
GTPS						707.13		91.22				91.22	129.00
<b>PPCL</b>						1,003.70	115.15	113.42	2.79			231.36	230.50
<b>TOTAL PURCHASE</b>						<b>10,065.65</b>	<b>494.74</b>	<b>1693.49</b>	<b>18.91</b>	<b>81.34</b>	<b>41.50</b>	<b>2329.99</b>	<b>231.48</b>

[illegible]

## Form 1.3 (b)-1 : Availability of Power

(Unit : MU)

Period :Oct '04 to March '06

(Unit : MU)

Source of supply	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06
<b>NTPC</b>																		
Singrauli	98.97	98.97	98.97	98.97	98.97	98.97	98.26	98.26	98.26	98.26	98.26	98.26	98.26	98.26	98.26	98.26	98.26	98.26
Anta	24.28	19.42	24.28	24.28	24.28	24.28	24.15	24.15	24.15	24.15	24.15	24.15	24.28	24.28	24.28	24.28	24.28	24.28
Rihand	64.51	64.51	64.51	64.51	64.51	64.51	64.15	64.15	64.15	64.15	64.15	64.15	64.51	64.51	64.51	64.51	64.51	64.51
Auriya	40.38	40.38	40.38	40.38	40.38	40.38	40.18	40.18	40.18	40.18	40.18	40.18	40.38	40.38	40.38	40.38	40.38	40.38
Dadri (Gas)	51.33	51.33	51.33	51.33	51.33	51.33	51.05	51.05	51.05	51.05	51.05	51.05	51.33	51.33	51.33	51.33	51.33	51.33
Unchahar-I	15.55	15.55	15.55	15.55	15.55	15.55	15.50	15.50	15.50	15.50	15.50	15.50	15.55	15.55	15.55	15.55	15.55	15.55
Unchahar-II	31.67	31.67	31.67	31.67	31.67	31.67	31.51	31.51	31.51	31.51	31.51	31.51	31.51	31.51	31.51	31.51	31.51	31.51
Dadri (Thermal)	421.04	351.22	350.29	350.29	316.39	350.29	366.00	421.04	432.14	432.14	432.14	432.14	324.26	262.79	350.29	350.29	237.36	262.79
<b>NHPC</b>																		
Baira- Suil	3.30	2.12	1.64	1.76	3.87	6.34	6.66	8.32	6.46	7.05	24.11	4.64	3.30	2.12	1.64	1.76	3.87	6.34
Salal	19.45	12.72	11.92	12.48	17.07	21.96	30.01	48.44	51.08	54.95	55.33	41.82	19.45	12.72	11.92	12.48	17.07	21.96
Tanakpur	6.96	4.17	2.17	2.08	1.54	1.05	1.64	2.79	5.51	8.10	8.22	8.09	6.96	4.17	2.17	2.08	1.54	1.05
Chimera I	7.36	6.11	3.55	3.92	5.71	9.33	10.57	20.14	18.95	20.37	25.99	11.45	7.36	6.11	3.55	3.92	5.71	9.33
Chimera II	12.74	12.74	12.74	12.74	7.47	12.07	19.88	31.28	30.85	31.35	35.54	19.64	12.74	12.74	12.74	12.74	7.47	12.07
Uri	20.91	9.10	12.01	15.61	22.90	35.18	35.27	34.65	31.32	25.01	16.33	12.97	20.91	9.10	12.01	15.61	22.90	35.18
<b>NJPC</b>	40.18	29.08	35.19	28.90	23.88	31.37	52.07	109.92	104.91	118.21	118.21	87.92	32.43	29.08	35.19	28.90	23.88	31.37
<b>NPC</b>																		
Napp	23.06	23.06	23.06	23.06	23.06	23.06	22.94	22.94	22.94	22.94	22.94	22.94	23.06	23.06	23.06	23.06	23.06	23.06
Rapp B#3	1.06	1.06	1.06	1.06	1.06	1.06	1.01	1.01	1.01	1.01	1.01	1.01	1.06	1.06	1.06	1.06	1.06	1.06
Rapp B#4	18.01	18.01	18.01	18.01	18.01	18.01	17.96	17.96	17.96	17.96	17.96	17.96	18.01	18.01	18.01	18.01	18.01	18.01
<b>Other Sources</b>																		
Tata Power	0.00	8.70	37.20	37.20	33.60	18.60												
PTC	0.00	0.00	34.10	34.10	30.80	18.60												
Adani Export	0.00	0.00	18.60	18.60	25.20	0.00												
Reliance	0.00	0.00	0.00	68.20	61.60	0.00												
HSEB	0.00	0.00	36.33	36.33	36.33	36.33												
HPSEB	74.40	0.00	0.00	0.00	0.00	0.00	30.40	133.30	273.00	297.60	328.60	246.00	74.40	0.00	0.00	0.00	0.00	0.00
Trading Companies													22.59	21.18	240.71	240.71	98.82	21.88
BTPS	403.20	370.20	432.60	468.72	302.40	324.00	453.60	453.60	453.60	453.60	453.60	453.60	403.20	403.20	453.60	453.60	324.00	324.00
GENCO	257.37	261.00	251.00	234.00	220.00	225.00	277.00	310.00	322.00	332.00	331.00	251.00	284.00	254.00	339.00	347.00	291.00	322.00
Pragati	211.00	215.00	155.00	158.00	148.00	148.00	118.00	200.00	195.00	202.00	205.00	202.00	214.00	121.00	222.00	222.00	200.00	214.00
<b>TOTAL ENERGY</b>	<b>1,847</b>	<b>1,646</b>	<b>1,763</b>	<b>1,852</b>	<b>1,626</b>	<b>1,607</b>	<b>1,768</b>	<b>2,140</b>	<b>2,292</b>	<b>2,349</b>	<b>2,401</b>	<b>2,138</b>	<b>1,794</b>	<b>1,506</b>	<b>2,053</b>	<b>2,059</b>	<b>1,602</b>	<b>1,630</b>

Total
1,773
431
1,159
726
922
280
568
6,443
95
473
70
179
310
387
961
414
19
324
135
118
62
130
145
1,458
646
7,384
5,108
3,350
34,070

**Form - 1.3 C: Employees Costs(DTL+SLDC)**

Category of employee	Previous Year			Q2 - FY 04 - 05			Ensuing year		
	Number		Cost Rs. Crores	Number		Cost Rs. Crores	Number		Cost Rs. Crores
	Sanctioned	Working		Sanctioned	Working		Sanctioned	Working	
1 Board of directors				4	4				
2 Support staff of Board of Directors				0	0				
2(a) Technical				15	13				
2(b) Administrative				50	41				
2(c) Accounts and finance				1	1				
2(d) Other (please specify)				0	0				
3 All other staff				0	0				
3(a) Technical				0	0				
3(a)(i) Officers				309	203				
3(s)(ii) Staff				921	653				
3(b) Non-technical				0	0				
3(b)(i) Administrative				0	0				
3(b)(i.i) Officers				38	25				
3(b)(i.ii) Staff				1034	897				
3(b)(ii) Accounts and finance				0	0				
3(b)(ii.i) Officers				24	17				
3(b)(ii.ii) Staff				50	43				
3(b)(iii) Others (please specify)				0	0				
3(b)(iii.i) Officers				3	3				
3(b)(iii.ii) Staff				185	163				
<b>Total employment data</b>			31.91	2,634	2,063	39.82			43.81

Form 1.3c-1: Employee costs ( Component- wise) DTL+SLDC

(Rs. in crores)

Sl. No.	Particulars	Previous year(2003-04)	Current year 2004-05			Ensuing year 2005-06
			Actual April-Sep	Estimated Oct- Mar	Total 12 months	
1	Salaries	17.62	12.87	13.51	26.38	29.02
2	Overtime	2.99	1.86	1.95	3.81	4.19
3	Dearness Allowance	9.81	1.48	1.55	3.03	3.34
4	Other Allowances	7.20	4.85	5.09	9.94	10.94
5	Bonus/Exgratia	0.85	-	0.45	0.45	0.50
6	Staff Welfare Expenses	-	-	-	-	-
7	Adhoc payment on corporatisation	-	-	-	-	-
8	Terminal benefits	4.76	1.34	1.41	2.75	3.02
9	Other Staff Costs	2.02	0.94	0.99	1.93	2.12
9(i)	- Medical Expenses Reimbursement	1.62	0.72	0.76	1.48	1.62
9(ii)	- Leave Travel Assistance	0.11	0.07	0.07	0.14	0.16
9(iii)	- Earned Leave Encashment	-	-	-	-	-
9(iv)	- Leave Salary Contribution Deputatio	0.03	0.03	0.03	0.06	0.07
9(v)	- Payment under Workmens Compens	-	-	-	-	-
9(vi)	- others	0.26	0.12	0.13	0.25	0.27
	<b>Total</b>	45.25	23.34	24.96	48.30	53.13
10	<i>less expenses capitalised</i>	12.10	3.50	3.74	7.24	7.97
11	<i>less to be realised from DPCL</i>	1.24	0.60	0.63	1.23	1.35
	<b>Total</b>	<b>31.91</b>	<b>19.24</b>	<b>20.58</b>	<b>39.82</b>	<b>43.81</b>



**Form 1.3d: Administrative & General Expenses**

**DTL+SLDC**

*(Rs. in crores)*

Sl. No.	Particulars	Previous year(03-04)	Current year 2004-05			Ensuing year 2005-06
			Actual April-Sep	Estimated Oct- Mar	Total 12 months	
1	Rent, Rates & Taxes	0.78	0.02	0.83	0.85	0.94
2	Insurance	0.01	-	0.01	0.01	0.01
3	Telephone Charges, Postages, Telegrams and Telex Charges	0.82	0.45	0.47	0.92	1.01
4	Consultancy Fees	0.51	0.32	0.34	0.66	0.73
5	Technical Fees	-	-	-	-	-
6	Other Professional Charges(Audit Fee)	0.66	0.47	0.49	0.96	1.06
7	Contribution to corpus fund of Northern region power tariff Board	-	-	-	-	-
8	Bijlee card	-	-	-	-	-
9	Conveyance and Travelling	1.35	0.66	0.69	1.35	1.49
10	Freight	-	-	-	-	-
11	Other Expenses	8.35	4.82	5.06	9.89	10.88
	- Electricity & Water Charges	1.81	2.35	2.47	4.82	5.30
	- Other material related expenses	0.37	1.24	1.31	2.55	2.80
	- Others	6.17	1.23	1.29	2.52	2.77
	<b>Total expenses</b>	<b>12.47</b>	<b>6.75</b>	<b>7.90</b>	<b>14.65</b>	<b>16.11</b>
	Less capitalised	-	1.01	1.19	2.20	2.42
	<b>Total</b>	<b>12.47</b>	<b>5.73</b>	<b>6.72</b>	<b>12.45</b>	<b>13.70</b>

**Form 1.3e: Repairs & Maintenance Cost**

**SLDC+DTL**

*(Rs. in crores)*

Sl. No.	Particulars of assets	Previous year(2003-04)	Current year 2004-05			Ensuing year 2005-06
			Actual April-Sep	Estimated Oct- Mar	Total 12 months	
1	Land and rights	-	-	-	-	-
2	Buildings	4.09	2.05	2.25	4.30	4.73
3	Other civil works	-	0.02	0.03	0.05	0.06
4	Plant & machinery as sum of:	4.47	3.24	3.56	6.79	12.47
	(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value	-	-	-	-	-
	(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value	-	-	-	-	-
	(iii) Switchgear	-	-	-	-	-
5	Lines and cable network as sum of:	-	-	-	-	-
	(i) Towers, poles, fixtures, overhead, conductors and devices.	-	-	-	-	-
	(ii) Underground cables and devices.	-	-	-	-	-
	(iii) Service lines	-	-	-	-	-
	(iv) Metering equipment	-	-	-	-	-
6	Vehicles	0.15	0.05	0.11	0.17	0.18
7	Furniture fixtures	0.61	-	0.67	0.67	0.74
8	Office equipment & others	-	0.68	0.75	1.43	1.58
9	Capital spares	-	-	-	-	-
10	Assets taken over & pending final valuation	-	-	-	-	-
11	Other items (provide a detailed list)	-	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>9.32</b>	<b>6.04</b>	<b>7.37</b>	<b>13.41</b>	<b>19.75</b>

**Form 1.3f: Sale and Lease back of Assets**

*(Rs. in crores)*

Particulars of assets	Year of acquisition	Original cost of the asset	Year of sale	Book value at the time of the sale	Period of Lease	Annual Lease Payments
1. Land and rights						
2. Buildings						
3. Other civil works						
4. Plant & machinery as sum of:						
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value		NIL				
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value						
(iii) Switchgear						
5. Lines and cable network as sum of:						
(i) Towers, poles, fixtures, overhead, conductors and devices.						
(ii) Underground cables and devices.						
(iii) Service lines						
(iv) Metering equipment						
6. Vehicles						
7. Furniture fixtures						
8. Office equipment & others						
9. Capital spares						

10. Assets taken over & pending final valuation						
11. Other items (provide a detailed list)						
<b>Total</b>						

**Form 1.3g: Other Lease Payments (other than on Sale & Lease Back basis)**

Particulars of assets	Name of lessor	Agreement Number & Date	Date of expiry of lease	Number of months	Lease value (Rs. crores)	Monthly lease rental (Rs. crores)
1. Land and rights						
2. Buildings						
3. Other civil works						
4. Plant & machinery as sum of:						
(i) Substation transformers, transformer kiosk, other fixed apparatus of rating above threshold value		NIL				
(ii) Substation transformers, transformer kiosk, other fixed apparatus of rating upto and below threshold value						
(iii) Switchgear						
5. Lines and cable network as sum of:						
(i) Towers, poles, fixtures, overhead, conductors and devices.						
(ii) Underground cables and devices.						
(iii) Service lines						
(iv) Metering equipment						
6. Vehicles						
7. Furniture fixtures						
8. Office equipment & others						
9. Capital spares						

10. Assets taken over & pending final valuation						
11. Other items (provide a detailed list)						
<b>Total</b>						






**Form 1.4: Non -tariff income**

Sixth Schedule ref.	Particulars	Preceding year(03-04)	Current year 2004-05			Ensuing year 2005- 06
			Actual April- Sep	Estimated Oct- Mar	Total 12 months	
Para XVII-	Non -tariff income derived from					
2(a)(ii)	Rental of meters and other apparatus hired to consumers	0.07	0.03	0.03	0.07	0.07
2(a)(iii)	Sale & repair of lamps and apparatus	-	-	-	-	-
2(a)(iv)	Rent less outgoings not otherwise provided for	-	-	-	-	-
2(a)(v)	Transfer Fees	-	-	-	-	-
2(a)(vi)	Investments, fixed and call deposits and bank balances	4.01	1.41	2.60	4.01	4.41
2(a)(vii)	Other general receipts accountable for incme tax and arising from an ancillary or incidental to business of electricity supply as sum of:	-	-	-	-	-
	- Revenue from surcharges for late payment				-	
	- Revenue from surcharge for low power factor and other penal charges				-	
	- Commission on collection of electricity tax on behalf of MCD				-	
	- Recoveries against theft & pilferage of electricity				-	
	- Others	147.31	40.99	40.99	81.97	81.97
	- Incentives for opening LC accounts	66.32	-	-	-	-
	- Rebate under one time settlement scheme	78.07	40.99	40.99	81.97	81.97
	- Surcharges R&M	0.28	-	-	-	-
	- Misc receipt	2.64	-	-	-	-
	<b>Total of "Non- tariff Income" (sum of above)</b>	<b>151.39</b>	<b>42.43</b>	<b>43.62</b>	<b>86.05</b>	<b>86.46</b>

### Form 1.5: Rebates Owed from the Previous Year

Sl. No.	Data Required	
1	Income as sum of:	
	(i) Total tariff income	from Form 2.1
	(ii) Non-tariff income	from Form 1.4
2	<i>minus</i> total expenditure (including special appropriation)	from Form 1.3
3	Clear Profit (+ve or -ve)	Total income minus total expenditure (1-2)
4	Reasonable Return	from Form 1.2
5	Excess of Clear Profit over Reasonable Return/Surplus (if any)	Clear Profit minus reasonable return (if +ve)
6	Amount out of Excess Clear Profit proposed to be retained by the Licensee (if any)	Amount retained to be determined by the Commission on the basis of performance and achievements by the licensee.
7	Balance of Excess Clear Profit (if any)	Excess of Clear Profit minus Allowed (Disallowed) Profit
8	Part of this balance appropriated to tariffs & Dividends Control Reserve (if any)	
9	Amount to be added to the rebate account (if any)	
10	Opening balance of rebate account at the beginning of the year	
11	Amount of rebate account proposed to be distributed to consumers as rebate in the ensuing year	

Preceding year 2003-04
4,619.82
151.39
5,733.39
(962.18)
6.99
(969.17)
Nil

Form 1.6: Aggregate Revenue Requirement

*Rs. In crores*

Sr. No.	Particulars		Ensuing year (FY 2005-06)
1	Allowable Return		46.49
2	Total Expenditure		5,733.39
3	Amortisation of Regulatory Asset of FY 2004-05		100.00
4	Truing Up of FY 2004-05		343.02
5	Sum total of positive elements		6,222.89
	Less:		
6	Non tariff income		86.46
7	Rebate to consumers		
8	Sum total of negative elements		86.46
9	Aggregate Revenue Requirement		6,136.44

**Form 2.1: Total Expected Revenue at Tariff Charges prevailing in a particular year**

Revenue for a full year from sales at tariff prevailing in a particular year (including subsidy receipts/supports from external sources, wheeling charges and excluding electricity duty)

S. No.	Particulars		Amount (Rs. cr.)			
			Preceding Year	Current Year		Ensuing Year
				Actual (6M)	Estimated	
1	Amount billed during the period	Form 2.1 a	3,150	2,115	1,888	4,352
2	External expense subsidy / Government Supports	Form 2.1 a	1,470	320	160	138
3	Wheeling Charges	Form 2.1 b	-	-	-	-
4	Total Expected Revenue at tariff charges prevailing in a particular year (including external subsidy/support and wheeling charges)	(1+2+3)	4,620	2,435	2,048	4,490

**Form 2.1a: Expected Revenue at Tariff Charges prevailing in a partular year (For Transmission Licensee)**

Revenue for a full year from sales at tariff prevailing in a particular year (including subsidy receipts/suppot from external sources and excluding electricity duty)

Period: APR - SEP

Year: 2004-05

Component of tariff						Relevant sales data			Full year revenue excluding external subsidy							External expense subsidy/Gov t. support
Licensee / Consumer	Part 1 (Specify part name and unit)	Part 2 (Specify part name and unit for kWh and kVAh based components)		Part 3 (Specify part name and unit)	Fuel surcharge per unit, if any (specify unit)	Total Contract Demand on which Part 1 is applicable	Total sales on which Part 2 is applicable		Total sales related data on which Part 3 is applicable (Specify name & unit)	Revenue from Part 1 of tariff	Revenue from Part 2 of tariff (3*8 or 4*9)	Revenue from Part 3 of tariff	Revenue from fuel surcharge (6*8 or 6*9)	Incentive / Penalty	Total Revenue (Amount billed)	
						(MkVA)	(MU)	(MkVAh)		(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BSES Yamuna		156.47*		Paisha/KWh			2,989				429				429	
BSES Rajdhani		207.78*		Paisha/KWh			4,751				893				893	
NDPL		211.56*		Paisha/KWh			3,086				584				584	
NDMC			257*	Paisha/KVAh				721			184				184	
MES			257*	Paisha/KVAh				96			25				25	
Others																
Total							10,826	818			2,115				2,115	320.00

\* Tariff applicable after 19th June 2004

**Form 2.1a: Expected Revenue at Tariff Charges prevailing in a partular year (For Transmission Licensee)**

Revenue for a full year from sales at tariff prevailing in a particular year (including subsidy receipts/suppot from external sources and excluding electricity duty)

Period: OCT - MAR

Year: 2004-05

Component of tariff						Relevant sales data			Full year revenue excluding external subsidy							External expense subsidy/Gov t. support
Licensee / Consumer	Part 1 (Specify part name and unit)	Part 2 (Specify part name and unit for kWh and kVAh based components)		Part 3 (Specify part name and unit)	Fuel surcharge per unit, if any (specify unit)	Total Contract Demand on which Part 1 is applicable	Total sales on which Part 2 is applicable		Total sales related data on which Part 3 is applicable (Specify name & unit)	Revenue from Part 1 of tariff	Revenue from Part 2 of tariff (3*8 or 4*9)	Revenue from Part 3 of tariff	Revenue from fuel surcharge (6*8 or 6*9)	Incentive / Penalty	Total Revenue (Amount billed)	
						(MkVA)	(MU)	(MkVAh)		(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
BSES Yamuna		156.47		Paisha/KWh			2,477				388				388	
BSES Rajdhani		207.78		Paisha/KWh			3,907				812				812	
NDPL		211.56		Paisha/KWh			2,443				517				517	
NDMC			257.00	Paisha/KVAh				505			130				130	
MES			257.00	Paisha/KVAh				163			42				42	
Others																
Total							8,827	669			1,888				1,888	160.00

**Form 2.1a: Expected Revenue at Tariff Charges prevailing in a partiarul year (For Transmission Licensee)**

Revenue for a full year from sales at tariff prevailing in a particular year (including subsidy receipts/suppot from external sources and excluding electricity duty)

Period: APR - MAR

Year: 2005-06

Licensee / Consumer	Component of tariff					Relevant sales data			Full year revenue excluding external subsidy							External expense subsidy/Govt. support
	Part 1 (Specify part name and unit)	Part 2 (Specify part name and unit for kWh and kVAh based components)		Part 3 (Specify part name and unit)	Fuel surcharge per unit, if any (specify unit)	Total Contract Demand on which Part 1 is applicable	Total sales on which Part 2 is applicable		Total sales related data on which Part 3 is applicable (Specify name & unit)	Revenue from Part 1 of tariff	Revenue from Part 2 of tariff (3*8 or 4*9)	Revenue from Part 3 of tariff	Revenue from fuel surcharge (6*8 or 6*9)	Incentive / Penalty	Total Revenue (Amount billed)	
1	2	3	4	5	6	7 (MkVA)	8 (MU)	9 (MkVAh)	10	11 (Rs. cr.)	12 (Rs. cr.)	13 (Rs. cr.)	14 (Rs. cr.)	15 (Rs. cr.)	16 (Rs. cr.)	17 (Rs. cr.)
BSES Yamuna		156.47		Paisha/KWh			5,730				897				897	
BSES Rajdhani		207.78		Paisha/KWh			9,040				1,878				1,878	
NDPL		211.56		Paisha/KWh			5,535				1,171				1,171	
NDMC			257.00	Paisha/KVAh				1,276			328				328	
MES			257.00	Paisha/KVAh				304			78				78	
Others																
Total							20,305	1,580			4,352				4,352	138.00





Full year revenue including subsidy / support
(Rs. cr.)
18
4,489.82

**Form 3.1: Transmission Losses (For Transmission Licensee)**

S.No.	Loss Calculation		Energy (MU)		
			2003-04	2004-05	2005-06
1	Total Energy delivered by Generating Stations in the State and interstate tie-links	Form 3.1a	20,548	21,883	22,728
	Less (deductible items)				
2	Energy Delivered by Grid S/Ss to Distribution Licensees/EHT Consumers	Form 3.1b	20,069	21,070	21,806
3	Transmission loss in system (1-2)		479	813	922
4	Transmission loss in system (%) $\{(1-2)/1\}$		2.33%	3.72%	4.06%

**Form 3.1a: Energy Delivered by Generating Stations in the State and the Interstate Tie-Line Flows to Transmission System at the Periphery (for Transmission Licensee)**

Transmission Losses

Import Export

(in MU)

S.No.	Power Station / CPP within the State or Inter-State Tie Line / Feeder Details	Preceding Year			Current year (Actual upto Sep 2004)			Current year estimated period (Net)	Total Current year (Net)	Ensuing Year (Net)
		Import	Export	Net	Import	Export	Net			
1	2	3	4	5	6	7	8	9	10=8+9	11
1	Genco	2545		2545	1405		1405	1240	2645	3130
2	Pragati	2345		2345	1226		1226	1004	2230	2245
3	BTPS	4902		4902	2581		2581	2270	4851	4972
Etc.	Import through Tie Lines	10756		10756	6732		6732	5425	12157	12381
Total Energy Delivered by Generating Stations in the State and Interstate Tie-Line Flows				20548	11944		11944	9939	21883	22728

Form 3.1b: Energy Delivered to Distribution Licensees / NDMC / MES (For Transmission Licensee)

For Period Apr '04 - Sep ' 04

level (LT side)	Name of Sub-Station	Distribution Licensee / EHT Consumer					Total Energy delivered
		NDPL	BRPL	BYPL	NDMC	MES	
		MkWh	MkWh	MkWh	MkVAh	MkVAh	MkWh
1	2	3	4	5	6	7	8
66 kV	Substation A						
	Substation B etc.						
Sub-total for 66 kV LT side S/s							
33 kV	Substation A						
	Substation B etc.						
Sub-total for 3 kV LT side S/s							
11 kV	Substation A						
	Substation B etc.						
Sub-total for 11 kV LT side S/s							
<b>Total for all voltages</b>		<b>3086.27</b>	<b>4750.88</b>	<b>2988.55</b>	<b>721.26</b>	<b>96.36</b>	<b>11602.439</b>

**Form 4.1: Total Expected Revenue at Proposed Tariff Charges for the Ensuing Year / Part year for which Tariff is Proposed**

S.No.	Particulars		Ensuing year
1	Amount proposed to be billed during the period	Form 4.1a	
2	External expenses subsidy/Govt.support available for the period	Form 4.1a	
3	Wheeling cahrges	Form 4.1b	
4	Total Expected Revenue at proposed Tariff Charges for the year (Including external exense subsidy / support and wheeling charges)	(1+2+3)	

As the tariff revision is being left to the discretion of Honourable Commission, the formats are not applicable

**Form 4.1a: Expected Revenue at Proposed Tariff Charges for the Ensuing Year/part year for which Tariff is proposed (For Transmission Licensee)**

Revenue for a full year from sales at proposed tariff charges for the ensuing year/part year for which tariff is proposed (including subsidy receipts/support from external sources and excluding electricity duty)

Licensee/ Consumer	Component of tariff					Relevant sales data				Full year revenue excluding external subsidy						External expense subsidy/ Govt. support
	Part 1 (Specify part name and unit)	Part 2 (specify part name and unit for kWh and kVAh based components)	Part 3 (Specify part name and unit)	Fuel surcharge per unit, if any (specify unit)	Total Contract Demand on which Part 1 is applicable	Total sales on which Part 2 is applicable			Total sales related data on which Part 3 is applicable (Specify name & unit)	Revenue from Part 1 of tariff	Revenue from Part 2 of tariff (3*8 or 4*9)	Revenue from Part 3 of tariff	Revenue from fuel surcharge (6*8 or 6*9)	Incentive/Pena lty	Total Revenue (Amount billed)	
					(MkVA)	(MU)		(MkVAh)		(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)	(Rs. cr.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Licensee 1																
Licensee 2																
Licensee 3																
NDMC																
MES																
Others																
Total																

As the tariff revision is being left to the discretion of Honourable Commission, the formats are not applicable

<b>Full year revenue including subsidy/ support</b>
(Rs. cr.)
18

Form 4.1b: Revenue from Wheeling Charges at Proposed Tariff for the ensuing year / part year for which Tariff is proposed

Revenue for a full/part year from wheeling at proposed tariff for the ensuing year/part year for which tariff is proposed

[illegible]

As the tariff revision is being left to the discretion of Honourable Commission, the formats are not applicable





**Form 4.2: Tariff Revenue Changes**

(Revenue from sales excluding external subsidy/support and electricity duty)

Licensee / Category %	For full / partyear			
	Expected revenue at current tariff	Expected revenue at proposed tariff	Revenue Change	% revenue change
	(Rs. crores)	(Rs. crores)	(Rs. crores)	%
1	2	3	4=3-2	5=4/2
Category 1: Slab1				
Slab 2				
Slab 3				
Slab 4				
<i>Subtotal Category 1</i>				
Category 2				
Category 3 etc.				
Other Sales				
Total				

As the tariff revision is being left to the discretion of Honourable Commission, the formats are not applicable

**Form 4.8: External subsidy / support**

(Allocation of external subsidy among consumer classes)

(Rs.in crs)

Licensee / Category %	External Expese Subsidy Directly Assigned to	External Expense Subsidy allocated to	Effect of Current Year External Capital Subsidy	Other Type of subsidy / Government Support	Overall External Subsidy including impact of capital subsidy
Category 1: Slab1					
Slab 2					
Slab 3	N.A.				
Slab 4					
<i>Subtotal Category 1</i>					
Category 2					
Category 3 etc.					
Other Sales					
Total					

**Form 4.9: External subsidy / support**

(Allocation of external subsidy among voltage levels)

(Rs. in crs)

Class / Voltage Level of Supply	External Expese Subsidy Directly Assigned to	External Expense Subsidy allocated to	Effect of Current Year External Capital Subsidy	Other Type of subsidy / Government Support	Overall External Subsidy including impact of capital subsidy
	N.A.				
Wheeling					
Total					

**Form 5.1: Shunt Capacitor Addition/Repair Program**

S.No.	Particulars	Capacity (MVAR)
<b>Capacitor Additions</b>		
1	Total Capacitors requirement at the end of Previous Year	731.18
2	Actual Installed Capacitors at the end of Previous Year	636.14
3	Backlog/shortfall at the end of previous year (1-2)	95.03
4	Additional Requirement for the Current Year	nil
5	Total Capacity required to be added during the current year (3+4)	95.03
6	Actual installed during first half of Current year	nil
7	Target for the 2nd half of Current Year	nil
8	Total Capacitors likely to be added during Current year (6+7)	nil
9	Total capacity likely to be available by the end of current year (2+8)	636.14
10	Shortfall if any (2+5-9)	nil
<b>Repair of Defective Shunt Capacitors</b>		
11	At the end of previous year	47.63
12	Net Capacity Available by the end of previous year (2-11)	588.52
13	Capacitors damaged during 1st half of the current year	20.14
14	Capacitors repaired during 1st half of the current year	49.66
15	Net Capacity Available by the end of 1st half of the year (12-13+14)	658.31
16	Target level of damaged capacitors by the end of current year	24.52
17	Net Capacity likely to be available by the end of current year (9-16)	611.62
18	Net Shortfall, by the end of the year (9-17)	24.52

- 1) Capacitor Requirement at the end of previous year
- 2) Installed at the end of previous year

**Form 5.2: Electrical Accidents**

Type of Accident	No. of Accidents					
	Preceding year (FY 2003-04)			Current year (FY 2004-05 upto Oct-04)		
	Fatal	Non Fatal	Total	Fatal	Non Fatal	Total
Human	1	nil	1	nil	nil	nil
Animal	nil	nil	nil	nil	nil	nil
Total	1	nil	1	nil	nil	nil

**Form 5.3: Abstract of Outages due to feeder tripping**

S.No.	Item	Preceding year (FY 2003-04)			Current year (FY 2004-05 upto Oct-04)		
		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 2 (220KV)	56	167	843	56	76	309
2	Average duration of interruption per feeder			0.09			0.073

$$\text{Av.interruption per feeder} = \frac{\text{Total duration of interruption}}{(\text{nos.of feeders} \times \text{nos. of tripping})} = \frac{843}{56 \times 167} = 0.09$$

**Form 5.4: Major System Occurances (For Transmission Licensee)**

S.No.	Disturbances	Preceding year		Current year (upto Oct04)	
		Number	Total Duration (Hrs.)	Number	Total Duration (Hrs.)
A	Occurences where DISCOM supply has been effected for more than 1 hr.				
1	Due to 400 kV transformer failures	NIL	NIL	NIL	NIL
2	Due to 400 kV transmission line outage	NIL	NIL	NIL	NIL
3	Due to 400 kV sub-station equipment (CT, CVT etc.) failure	NIL	NIL	NIL	NIL
4	Due to 220 kV transformer failure	6	1567:20:00	2	1777:50:00
5	Due to 220 kV transmission line failure	2	5:10:00	2	36:48:00
6	Due to 220 kV sub-station equipment (CT, CVT etc.) failure	1	3.35	NIL	NIL
B	Estimated unserved energy due to such interruptions	5.497	-	3.529	-
C	Other occurrences where DISCOM supply has not been effected				
1	Due to 400 kV transformer failures	2	12:51:00	NIL	NIL
2	Due to 400 kV transmission line outage	1	74:04:00	NIL	NIL
3	Due to 400 kV sub-station equipment (CT, CVT etc.) failure	2	44:58:00	1	16:30:00
4	Due to 220 kV transformer failure	21	6324:36:00	17	8590:05:00
5	Due to 220 kV transmission line failure	25	2946:36:00	13	689:00:00
6	Due to 220 kV sub-station equipment (CT, CVT etc.) failure	4	1026:59:00	2	237:56:00



Form 5.5: Frequency Spectrum for 2004-05

Frequency Regime

Average Frequency (Hz.)				
Above 50.5 Hz in %age time				
Above 50.2 Hz in %age time				
Below 49.5 Hz in %age time				
Below 49.0 Hz in %age time				
Below 48.5 Hz in %age time				

### Form 5.6: Voltage Fluctuation

[illegible]

**Form 5.7: Licensee / Consumer wise Load shedding carried out during the year (For Transmission Licensee)**

S.No.	Particulars	DTL (BSES+NDPL)	BSES	NDPL	NDMC	MES	Total
	Preceding Year						0.000
1	On RLDC's instructions (to control drawal).	3.469	1.620	1.955	0.000	0.000	7.044
2	On RLDC's instructions (to avoid overloading in own network).	0.000	0.000	0.000	0.000	0.000	0.000
3	On RLDC's instructions (due ot low voltage)	0.000	0.000	0.000	0.000	0.000	0.000
4	Due to outage in own network	23.399	134.353	51.587	0.000	0.000	209.339
5	Any other reason	12.904	0.000	0.000	0.000	0.000	12.904
Total for Preceding Year		39.772	135.973	53.542	0.000	0.000	229.287
	Current Year (upto October 2004)						0.000
1	On RLDC's instructions (to control drawal).	1.526	20.067	12.399	0.000	0.000	33.992
2	On RLDC's instructions (to avoid overloading in own network).	0.000	0.000	0.000	0.000	0.000	0.000
3	On RLDC's instructions (due ot low voltage)	0.000	0.000	0.000	0.000	0.000	0.000
4	Due to outage in own network	12.033	38.269	2.405	0.000	0.000	52.707
5	Any other reason	6.917	0.000	0.000	0.000	0.000	6.917
Total for Current Year		20.476	58.336	14.804	0.000	0.000	93.616

**Form 5.8: Overloaded Feeders (For Transmission Licensee)**

**upto September 2004**

<b>S.No.</b>	<b>Voltage Level</b>	<b>No. of feeders</b>	<b>Line length (ckt. Km.)</b>	<b>No. of feeders overloaded</b>	<b>Line length overloaded feeders (ckt. Km.)</b>	<b>% number of Overloaded feeders in Area</b>	<b>% length of overloaded feeders in Area</b>
1	Voltage Level 1-400KV	8	226 km	nil	nil	nil	nil
2	Voltage Level 2-220 KV	56	534 km	nil	nil	nil	nil
3	Voltage Level 3	nil	nil	nil	nil	nil	nil
4	Voltage Level 4	nil	nil	nil	nil	nil	nil
Total		64	760 km	nil	nil	nil	nil

**Form 5.9: Failure of Transformers**

S.No.	Item	Preceding Year			Current Year (actual upto Sept '04)		
		No. of Transformers	No. of failures	Total Duration of failure (hrs.)	No. of Transformers	No. of failures	Total Duration of failure (hrs.)
	<b>Transformation ratio</b>						
1	Ratio -2, I.e. 220/66KV	32	50	3526	35	46	180
2	Average duration of interruption per transformer for Transformation			2.2			0.11
3	Ratio -3, I.e. 220/33KV	22	24	118	22	26	230
4	Average duration of interruption per transformer for Transformation			0.22			0.4

Note: 220/66KV 100 MVA Tx no. 3 at Mehrauli is under breakdown from 16.07 hours on 29.08.03

**Form 1.3b: Cost of Purchased Energy**

**Month : Oct-04**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out for DTL / day	Units purchased/ booked for	Capacity/ Composite Charges	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.97	2.66	7.47	0.16		0.54	10.83	1.09
Anta	419.00	49.25	11.75%	79.49		24.28	0.78	3.08	0.00		0.08	3.94	1.62
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.62	0.13		0.70	10.13	1.57
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.53	0.00		0.17	7.15	1.77
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.18	0.00		0.36	10.69	2.08
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.67	0.03		0.08	2.77	1.78
Unchahar-II	420.00	52.25	12.44%	221.21		31.67	2.29	3.34	0.05		-	5.68	1.79
Dadri (Thermal)	840.00	756.00	90.00%	367.89		421.04	27.59	65.58	0.47		0.71	94.36	2.24
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		3.30	0.43	0.17	0.02		0.01	0.63	1.91
Salal	690.00	80.18	11.62%	173.25		19.45	1.68	1.26	0.11		0.07	3.11	1.60
Tanakpur	94.50	12.11	12.81%	44.67		6.96	0.48	0.50	0.03		0.01	1.02	1.47
Chimera I	540.00	42.66	7.90%	209.32		7.36	1.38	0.51	0.08		0.14	2.11	2.87
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		20.91	4.73	1.45	0.26		0.19	6.63	3.17
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		40.18	0.00	9.44	0.00		-	9.44	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.11	0.00		0.21	5.32	2.31
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.28	0.00		-	0.28	2.65
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	4.76	0.00		-	4.76	2.65
<b>PTC</b>													
HPSEB						74.40	0.00	21.73	0.00		0.11	21.85	2.94
<b>PGCIL</b>									1.35	12.09	1.08	14.52	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						372.00		87.42				87.42	2.35
GENCO							15.33					15.33	

## Form 1.3b: Cost of Purchased Energy

Month : Oct-04

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Nov-04**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out for DTI / day	Units purchased/ booked for	Capacity/ Composite Charges	Variable cost paid	Incentive/ penalty payment	Wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.97	2.66	7.47	0.16		0.54	10.83	1.09
Anta	419.00	49.25	11.75%	79.49		19.42	0.78	2.47	0.00		0.08	3.32	1.71
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.62	0.13		0.70	10.13	1.57
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.53	0.00		0.17	7.15	1.77
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.18	0.00		0.36	10.69	2.08
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.67	0.03		0.08	2.77	1.78
Unchahar-II	420.00	52.25	12.44%	221.21		31.67	2.29	3.34	0.05		-	5.68	1.79
Dadri (Thermal)	840.00	756.00	90.00%	367.89		351.22	27.59	54.71	0.47		0.71	83.48	2.38
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		2.12	0.43	0.11	0.02		0.01	0.57	2.69
Salal	690.00	80.18	11.62%	173.25		12.72	1.68	0.82	0.11		0.07	2.68	2.11
Tanakpur	94.50	12.11	12.81%	44.67		4.17	0.48	0.30	0.03		0.01	0.82	1.97
Chimera I	540.00	42.66	7.90%	209.32		6.11	1.38	0.42	0.08		0.14	2.02	3.31
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		9.10	4.73	0.63	0.26		0.19	5.81	6.38
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		29.08	0.00	6.83	0.00		-	6.83	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.11	0.00		0.21	5.32	2.31
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.28	0.00		-	0.28	2.65
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	4.76	0.00		-	4.76	2.65
<b>Other Sources</b>													
Tata Power						8.70		2.54	0.00		0.22	2.76	3.18
<b>PGCIL</b>									1.35	12.09	1.08	14.52	
Transmission for NR													
Transmission for ER													
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						370.20		87.00				87.00	2.35
GENCO							15.33					15.33	
IP						85.00		15.64				15.64	1.84



## Form 1.3b: Cost of Purchased Energy

Month : Nov-04

[illegible]

**Form 1.3b: Cost of Purchased Energy**

**Month : Dec-04**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out for DTL / day	Units purchased/ booked for	Capacity/ Composite Charges	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.97	2.66	7.47	0.16		0.54	10.83	1.09
Anta	419.00	49.25	11.75%	79.49		24.28	0.78	3.08	0.00		0.08	3.94	1.62
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.62	0.13		0.70	10.13	1.57
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.53	0.00		0.17	7.15	1.77
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.18	0.00		0.36	10.69	2.08
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.67	0.03		0.08	2.77	1.78
Unchahar-II	420.00	52.25	12.44%	221.21		31.67	2.29	3.34	0.05		-	5.68	1.79
Dadri (Thermal)	840.00	617.90	73.56%	367.89		350.29	22.55	54.56	0.47		0.71	78.29	2.24
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		1.64	0.43	0.08	0.02		0.01	0.55	3.34
Salal	690.00	80.18	11.62%	173.25		11.92	1.68	0.77	0.11		0.07	2.63	2.21
Tanakpur	94.50	12.11	12.81%	44.67		2.17	0.48	0.16	0.03		0.01	0.68	3.13
Chimera I	540.00	42.66	7.90%	209.32		3.55	1.38	0.25	0.08		0.14	1.85	5.20
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		12.01	4.73	0.83	0.26		0.19	6.01	5.00
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		35.19	0.00	8.27	0.00		-	8.27	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.11	0.00		0.21	5.32	2.31
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.28	0.00		-	0.28	2.65
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	4.76	0.00		-	4.76	2.65
<b>Other Sources</b>													
<b>Tata Power</b>						37.20		9.82			0.67	10.49	2.82
<b>PTC</b>						34.10		9.59			0.68	10.28	3.01
Adani Export						18.60		5.07			0.88	5.95	3.20
HSEB						36.33		10.90			0.50	11.39	3.14
<b>PGCIL</b>									1.35	12.09	1.08	14.52	
Transmission for NR													
Transmission for ER													
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						432.60		101.66				101.66	2.35

## Dec-04

Dec-04

[illegible]

**Form 1.3b: Cost of Purchased Energy**

**Month : Jan-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out for DTL /	Units purchased/ booked for	Capacity/ Composite Charges	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.97	2.66	7.47	0.16		0.54	10.83	1.09
Anta	419.00	49.25	11.75%	79.49		24.28	0.78	3.08	0.00		0.08	3.94	1.62
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.62	0.13		0.70	10.13	1.57
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.53	0.00		0.17	7.15	1.77
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.18	0.00		0.36	10.69	2.08
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.67	0.03		0.08	2.77	1.78
Unchahar-II	420.00	52.25	12.44%	221.21		31.67	2.29	3.34	0.05		-	5.68	1.79
Dadri (Thermal)	840.00	617.90	73.56%	367.89		350.29	22.55	54.56	0.47		0.71	78.29	2.24
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		1.76	0.43	0.09	0.02		0.01	0.55	3.14
Salal	690.00	80.18	11.62%	173.25		12.48	1.68	0.81	0.11		0.07	2.66	2.13
Tanakpur	94.50	12.11	12.81%	44.67		2.08	0.48	0.15	0.03		0.01	0.67	3.23
Chimera I	540.00	42.66	7.90%	209.32		3.92	1.38	0.27	0.08		0.14	1.87	4.78
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		15.61	4.73	1.08	0.26		0.19	6.26	4.01
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		28.90	0.00	6.79	0.00		-	6.79	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.11	0.00		0.21	5.32	2.31
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.28	0.00		-	0.28	2.65
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	4.76	0.00		-	4.76	2.65
<b>Other Sources</b>													
Tata Power						37.20		9.82			0.67	10.49	2.82
PTC						34.10		9.59			0.68	10.28	3.01
Adani Export						18.60		5.07			0.88	5.95	3.20
Reliance						68.20		18.97			2.60	21.56	3.16
HSEB						36.33		10.90			0.50	11.39	3.14
<b>PGCIL</b>									1.35	12.09	1.08	14.52	
Transmission for NR													
Transmission for ER													
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						468.72		110.15				110.15	2.35

## Form 1.3b: Cost of Purchased Energy

Month : Jan-05

[illegible]

### Form 1.3b: Cost of Purchased Energy

**Month :** Feb-05

[illegible]

## Feb-05

Feb-05

[illegible]

## Form 1.3b: Cost of Purchased Energy

Month : Mar-05

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out for DTL / day	Units purchased/ hooked for	Capacity/ Composite Charges	Variable cost paid	Incentive/ penalty payment	Wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.97	2.66	7.47	0.16		0.54	10.83	1.09
Anta	419.00	49.25	11.75%	79.49		24.28	0.78	3.08	0.00		0.08	3.94	1.62
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.62	0.13		0.70	10.13	1.57
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.53	0.00		0.17	7.15	1.77
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.18	0.00		0.36	10.69	2.08
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.67	0.03		0.08	2.77	1.78
Unchahar-II	420.00	52.25	12.44%	221.21		31.67	2.29	3.34	0.05		-	5.68	1.79
Dadri (Thermal)	840.00	617.90	73.56%	367.89		350.29	22.55	54.56	0.47		0.71	78.29	2.24
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		6.34	0.43	0.32	0.02		0.01	0.78	1.24
Salal	690.00	80.18	11.62%	173.25		21.96	1.68	1.42	0.11		0.07	3.28	1.49
Tanakpur	94.50	12.11	12.81%	44.67		1.05	0.48	0.08	0.03		0.01	0.60	5.68
Chimera I	540.00	42.66	7.90%	209.32		9.33	1.38	0.65	0.08		0.14	2.25	2.41
Chimera II	300.00	53.04	17.68%	0.00		12.07	0.00	2.75	0.00		-	2.75	2.28
Uri	480.00	52.99	11.04%	513.59		35.18	4.73	2.44	0.26		0.19	7.61	2.16
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		31.37	0.00	7.37	0.00		-	7.37	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.11	0.00		0.21	5.32	2.31
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.28	0.00		-	0.28	2.65
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	4.76	0.00		-	4.76	2.65
<b>Other Sources</b>													
<b>Tata Power</b>						18.60		5.43			0.45	5.88	3.16
<b>PTC</b>						18.60		5.49			0.68	6.17	3.32
HSEB						36.33		10.90			0.50	11.39	3.14
<b>PGCIL</b>									1.35	12.09	1.08	14.52	
Transmission for NR													
Transmission for ER													
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						324.00		76.14				76.14	2.35



## Form 1.3b: Cost of Purchased Energy

Month : Mar-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Apr-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/broked for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		366.00	27.59	59.86	0.50		0.71	88.66	2.42
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		6.66	0.43	0.36	0.02		0.01	0.81	1.22
Salal	690.00	80.18	11.62%	173.25		30.01	1.68	2.03	0.11		0.04	3.86	1.29
Tanakpur	94.50	12.11	12.81%	44.67		1.64	0.48	0.12	0.03		0.01	0.64	3.90
Chimera I	540.00	42.66	7.90%	209.32		10.57	1.38	0.77	0.08		0.07	2.30	2.18
Chimera II	300.00	53.04	17.68%	0.00		19.88	0.00	4.53	0.00		-	4.53	2.28
Uri	480.00	52.99	11.04%	513.59		35.27	4.73	2.57	0.26		0.10	7.65	2.17
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		52.07	0.00	12.24	0.00		-	12.24	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		30.40	0.00	8.88	0.00		0.05	8.93	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						453.60		111.93				111.93	2.47
GENCO							21.50					21.50	

## Form 1.3b: Cost of Purchased Energy

Month : Apr-05

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/balanced for	Capacity/Composite Charges paid	Variable cost paid	Incentive/penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
IP Rajghat GTPS Pragati						90.00 40.00 147.00		19.62 7.88 24.99				19.62 7.88 24.99	2.18 1.97 1.70
TOTAL PURCHASE						1,764.22	95.89	316.97	2.19	13.78	3.66	432.49	2.45
UI						-105.19		-22.09				-22.09	2.10
ENERGY PURCHASED						1,869.41						454.58	2.43
Transmission Loss NR					3.1%	27.55							
NET ENERGY AVAILABLE						1,842							
PROJECTED DEMAND						1,842							
						0.00							
Total for the year													
Net Gain/Loss due to Overlay Account of NREB (Applicable for period prior to implementation of ABT in Northern Region): Form 1.3b-2													
Net Gain/Loss on account of Unscheduled Interchange (Applicable for period after implementation of ABT in Northern Region): Form 1.3b-2													
Grand Total for Cost of Power Purchase including above Net Gain/Loss													

**Form 1.3b: Cost of Purchased Energy**

Month : **May-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		421.04	27.59	68.86	0.50		0.71	97.66	2.32
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		8.32	0.43	0.44	0.02		0.01	0.90	1.08
Salal	690.00	80.18	11.62%	173.25		48.44	1.68	3.28	0.11		0.04	5.10	1.05
Tanakpur	94.50	12.11	12.81%	44.67		2.79	0.48	0.21	0.03		0.01	0.72	2.60
Chimera I	540.00	42.66	7.90%	209.32		20.14	1.38	1.47	0.08		0.07	3.00	1.49
Chimera II	300.00	53.04	17.68%	0.00		31.28	0.00	7.13	0.00		-	7.13	2.28
Uri	480.00	52.99	11.04%	513.59		34.65	4.73	2.52	0.26		0.10	7.60	2.19
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		109.92	0.00	25.83	0.00		-	25.83	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		133.30	0.00	38.94	0.00		0.20	39.14	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						453.60		111.93				111.93	2.47
GENCO							21.50					21.50	

### Form 1.3b: Cost of Purchased Energy

Month : May-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

**Month : Jun-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		432.14	27.59	70.68	0.50		0.71	99.48	2.30
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		6.46	0.43	0.34	0.02		0.01	0.80	1.24
Salal	690.00	80.18	11.62%	173.25		51.08	1.68	3.46	0.11		0.04	5.28	1.03
Tanakpur	94.50	12.11	12.81%	44.67		5.51	0.48	0.41	0.03		0.01	0.93	1.69
Chimera I	540.00	42.66	7.90%	209.32		18.95	1.38	1.38	0.08		0.07	2.91	1.54
Chimera II	300.00	53.04	17.68%	0.00		30.85	0.00	7.03	0.00		-	7.03	2.28
Uri	480.00	52.99	11.04%	513.59		31.32	4.73	2.28	0.26		0.10	7.36	2.35
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		104.91	0.00	24.65	0.00		-	24.65	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		273.00	0.00	79.75	0.00		0.40	80.15	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						416.64		102.81				102.81	2.47
GENCO							21.50					21.50	

### Form 1.3b: Cost of Purchased Energy

Month : Jun-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Jul-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		432.14	27.59	70.68	0.50		0.71	99.48	2.30
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		7.05	0.43	0.38	0.02		0.01	0.83	1.18
Salal	690.00	80.18	11.62%	173.25		54.95	1.68	3.72	0.11		0.04	5.55	1.01
Tanakpur	94.50	12.11	12.81%	44.67		8.10	0.48	0.61	0.03		0.01	1.12	1.39
Chimera I	540.00	42.66	7.90%	209.32		20.37	1.38	1.49	0.08		0.07	3.02	1.48
Chimera II	300.00	53.04	17.68%	0.00		31.35	0.00	7.15	0.00		-	7.15	2.28
Uri	480.00	52.99	11.04%	513.59		25.01	4.73	1.82	0.26		0.10	6.90	2.76
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		118.21	0.00	27.78	0.00		-	27.78	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		297.60	0.00	86.94	0.00		0.43	87.37	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						453.60		111.93				111.93	2.47
GENCO							21.50					21.50	



## Form 1.3b: Cost of Purchased Energy

Month : Jul-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Aug-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		432.14	27.59	70.68	0.50		0.71	99.48	2.30
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		24.11	0.43	1.29	0.02		0.01	1.74	0.72
Salal	690.00	80.18	11.62%	173.25		55.33	1.68	3.75	0.11		0.04	5.57	1.01
Tanakpur	94.50	12.11	12.81%	44.67		8.22	0.48	0.62	0.03		0.01	1.13	1.38
Chimera I	540.00	42.66	7.90%	209.32		25.99	1.38	1.90	0.08		0.07	3.43	1.32
Chimera II	300.00	53.04	17.68%	0.00		35.54	0.00	8.10	0.00		-	8.10	2.28
Uri	480.00	52.99	11.04%	513.59		16.33	4.73	1.19	0.26		0.10	6.27	3.84
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		118.21	0.00	27.78	0.00		-	27.78	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		328.60	0.00	96.00	0.00		0.47	96.47	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						416.64		102.81				102.81	2.47
GENCO							21.50					21.50	

### Form 1.3b: Cost of Purchased Energy

Month : Aug-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Sep-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.15	0.77	3.28	0.00		0.08	4.13	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.15	4.65	4.82	0.13		0.70	10.30	1.61
Auriya	663.00	79.84	12.04%	144.44		40.18	1.45	5.89	0.00		0.17	7.50	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.05	2.14	8.70	0.00		0.36	11.21	2.20
Unchahar-I	420.00	25.57	6.09%	195.91		15.50	0.99	1.74	0.03		0.08	2.84	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		432.14	27.59	70.68	0.50		0.71	99.48	2.30
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		4.64	0.43	0.25	0.02		0.01	0.70	1.52
Salal	690.00	80.18	11.62%	173.25		41.82	1.68	2.83	0.11		0.04	4.66	1.11
Tanakpur	94.50	12.11	12.81%	44.67		8.09	0.48	0.61	0.03		0.01	1.12	1.39
Chimera I	540.00	42.66	7.90%	209.32		11.45	1.38	0.84	0.08		0.07	2.37	2.07
Chimera II	300.00	53.04	17.68%	0.00		19.64	0.00	4.48	0.00		-	4.48	2.28
Uri	480.00	52.99	11.04%	513.59		12.97	4.73	0.94	0.26		0.10	6.02	4.64
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		87.92	0.00	20.66	0.00		-	20.66	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		22.94	0.00	5.34	0.00		0.21	5.55	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.01	0.00	0.28	0.00		-	0.28	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		17.96	0.00	4.99	0.00		-	4.99	2.78
<b>Other Sources</b>													
HPSEB				0.00		246.00	0.00	71.87	0.00		0.36	72.22	2.94
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						453.60		111.93				111.93	2.47
GENCO							21.50					21.50	

## Form 1.3b: Cost of Purchased Energy

Month : Sep-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Oct-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	175.00	8.75%	364.59		98.26	2.66	7.79	0.16		0.53	11.14	1.13
Anta	419.00	49.25	11.75%	79.49		24.28	0.78	3.30	0.00		0.08	4.16	1.71
Rihand	1,000.00	112.50	11.25%	499.25		64.51	4.68	4.85	0.13		0.70	10.36	1.61
Auriya	663.00	80.25	12.10%	144.44		40.38	1.46	5.92	0.00		0.17	7.54	1.87
Dadri (Gas)	830.00	101.72	12.26%	210.96		51.33	2.15	8.75	0.00		0.36	11.26	2.19
Unchahar-I	420.00	25.65	6.11%	195.91		15.55	1.00	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	52.25	12.44%	221.21		31.51	2.29	3.49	0.05		-	5.83	1.85
Dadri (Thermal)	840.00	756.00	90.00%	367.89		324.26	27.59	53.03	0.50		0.71	81.84	2.52
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		3.30	0.43	0.18	0.02		0.01	0.63	1.91
Salal	690.00	80.18	11.62%	173.25		19.45	1.68	1.32	0.11		0.04	3.14	1.61
Tanakpur	94.50	12.11	12.81%	44.67		6.96	0.48	0.52	0.03		0.01	1.04	1.49
Chimera I	540.00	42.66	7.90%	209.32		7.36	1.38	0.54	0.08		0.07	2.07	2.81
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		20.91	4.73	1.52	0.26		0.10	6.60	3.16
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		32.43	0.00	7.62	0.00		-	7.62	2.35
<b>NPC</b>													
Napp	440.00	52.33	11.89%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.75	1.25%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.75	21.25%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
<b>Other Sources</b>													
HPSEB						74.40		21.73			0.11	21.85	2.94
Trading Companies						22.59		7.09			3.21	10.30	4.56
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						403.20		99.49				99.49	2.47

### Form 1.3b: Cost of Purchased Energy

Month : Oct-05

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/broked for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Genco							21.50					21.50	
IP Rajghat						66.00		14.39				14.39	2.18
GTPS						68.00		13.40				13.40	1.97
Pragati						150.00		25.50				25.50	1.70
TOTAL PURCHASE						207.53	23.17	26.98	0.26			50.41	2.43
						1,787.08	95.97	322.72	2.31	13.78	6.93	441.70	2.47
UI						-44.53		-9.35				-9.35	2.10
ENERGY PURCHASED						1,831.61						451.06	2.46
Transmission Loss NR					3.6%	28.31							
NET ENERGY AVAILABLE						1,803							
PROJECTED DEMAND						1,803							
						0.00							
Total for the year													
Net Gain/Loss due to Overlay Account of NREB (Applicable for period prior to implementation of ABT in Northern Region): Form 1.3b-2													
Net Gain/Loss on account of Unscheduled Interchange (Applicable for period after implementation of ABT in Northern Region): Form 1.3b-2													
Grand Total for Cost of Power Purchase including above Net Gain/Loss													

**Form 1.3b: Cost of Purchased Energy**

Month : **Nov-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.28	0.77	3.30	0.00		0.08	4.15	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.51	4.65	4.85	0.13		0.70	10.33	1.60
Auriya	663.00	79.84	12.04%	144.44		40.38	1.45	5.92	0.00		0.17	7.53	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.33	2.14	8.75	0.00		0.36	11.25	2.19
Unchahar-I	420.00	25.57	6.09%	195.91		15.55	0.99	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	617.90	73.56%	367.89		262.79	22.55	42.98	0.50		0.71	66.74	2.54
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		2.12	0.43	0.11	0.02		0.01	0.57	2.69
Salal	690.00	80.18	11.62%	173.25		12.72	1.68	0.86	0.11		0.04	2.68	2.11
Tanakpur	94.50	12.11	12.81%	44.67		4.17	0.48	0.31	0.03		0.01	0.83	1.99
Chimera I	540.00	42.66	7.90%	209.32		6.11	1.38	0.45	0.08		0.07	1.98	3.23
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		9.10	4.73	0.66	0.26		0.10	5.74	6.31
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		29.08	0.00	6.83	0.00		-	6.83	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
Trading Companies						21.18	0.00	6.65	0.00		3.21	9.86	4.65
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						403.20		99.49				99.49	2.47
GENCO							21.50					21.50	



## Form 1.3b: Cost of Purchased Energy

Month : Nov-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Dec-05**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.28	0.77	3.30	0.00		0.08	4.15	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.51	4.65	4.85	0.13		0.70	10.33	1.60
Auriya	663.00	79.84	12.04%	144.44		40.38	1.45	5.92	0.00		0.17	7.53	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.33	2.14	8.75	0.00		0.36	11.25	2.19
Unchahar-I	420.00	25.57	6.09%	195.91		15.55	0.99	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	617.90	73.56%	367.89		350.29	22.55	57.29	0.50		0.71	81.05	2.31
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		1.64	0.43	0.09	0.02		0.01	0.54	3.32
Salal	690.00	80.18	11.62%	173.25		11.92	1.68	0.81	0.11		0.04	2.63	2.21
Tanakpur	94.50	12.11	12.81%	44.67		2.17	0.48	0.16	0.03		0.01	0.68	3.13
Chimera I	540.00	42.66	7.90%	209.32		3.55	1.38	0.26	0.08		0.07	1.79	5.04
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		12.01	4.73	0.87	0.26		0.10	5.95	4.96
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		35.19	0.00	8.27	0.00		-	8.27	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
Trading Companies						240.71		66.39			3.21	69.60	2.89
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						416.64		102.81				102.81	2.47
GENCO							21.50					21.50	

## Form 1.3b: Cost of Purchased Energy

Month : Dec-05

[illegible]

**Form 1.3b: Cost of Purchased Energy**

**Month : Jan-06**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.28	0.77	3.30	0.00		0.08	4.15	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.51	4.65	4.85	0.13		0.70	10.33	1.60
Auriya	663.00	79.84	12.04%	144.44		40.38	1.45	5.92	0.00		0.17	7.53	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.33	2.14	8.75	0.00		0.36	11.25	2.19
Unchahar-I	420.00	25.57	6.09%	195.91		15.55	0.99	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	617.90	73.56%	367.89		350.29	22.55	57.29	0.50		0.71	81.05	2.31
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		1.76	0.43	0.09	0.02		0.01	0.55	3.12
Salal	690.00	80.18	11.62%	173.25		12.48	1.68	0.85	0.11		0.04	2.67	2.14
Tanakpur	94.50	12.11	12.81%	44.67		2.08	0.48	0.16	0.03		0.01	0.67	3.23
Chimera I	540.00	42.66	7.90%	209.32		3.92	1.38	0.29	0.08		0.07	1.82	4.64
Chimera II	300.00	53.04	17.68%	0.00		12.74	0.00	2.91	0.00		-	2.91	2.28
Uri	480.00	52.99	11.04%	513.59		15.61	4.73	1.14	0.26		0.10	6.22	3.98
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		28.90	0.00	6.79	0.00		-	6.79	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
Trading Companies						240.71		66.39			3.21	69.60	2.89
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						453.60		111.93				111.93	2.47
GENCO							21.50					21.50	

## Form 1.3b: Cost of Purchased Energy

Month : Jan-06

[illegible]

**Form 1.3b: Cost of Purchased Energy**

**Month : Feb-06**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.28	0.77	3.30	0.00		0.08	4.15	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.51	4.65	4.85	0.13		0.70	10.33	1.60
Auriya	663.00	79.84	12.04%	144.44		40.38	1.45	5.92	0.00		0.17	7.53	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.33	2.14	8.75	0.00		0.36	11.25	2.19
Unchahar-I	420.00	25.57	6.09%	195.91		15.55	0.99	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	617.90	73.56%	367.89		237.36	22.55	38.82	0.50		0.71	62.58	2.64
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		3.87	0.43	0.21	0.02		0.01	0.66	1.71
Salal	690.00	80.18	11.62%	173.25		17.07	1.68	1.16	0.11		0.04	2.98	1.75
Tanakpur	94.50	12.11	12.81%	44.67		1.54	0.48	0.12	0.03		0.01	0.63	4.09
Chimera I	540.00	42.66	7.90%	209.32		5.71	1.38	0.42	0.08		0.07	1.95	3.41
Chimera II	300.00	53.04	17.68%	0.00		7.47	0.00	1.70	0.00		-	1.70	2.28
Uri	480.00	52.99	11.04%	513.59		22.90	4.73	1.67	0.26		0.10	6.75	2.95
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		23.88	0.00	5.61	0.00		-	5.61	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
Trading Companies						98.82		26.88			3.21	30.09	3.04
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						324.00		79.95				79.95	2.47
GENCO							21.50					21.50	

## Form 1.3b: Cost of Purchased Energy

Month : Feb-06

[illegible]

**Form 1.3b: Cost of Purchased Energy**

Month : **Mar-06**

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/bought for	Capacity/ Composite Charges paid	Variable cost paid	Incentive/ penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/ kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NTPC</b>													
Singrauli	2,000.00	173.75	8.69%	364.59		98.26	2.64	7.79	0.16		0.53	11.12	1.13
Anta	419.00	48.98	11.69%	79.49		24.28	0.77	3.30	0.00		0.08	4.15	1.71
Rihand	1,000.00	111.88	11.19%	499.25		64.51	4.65	4.85	0.13		0.70	10.33	1.60
Auriya	663.00	79.84	12.04%	144.44		40.38	1.45	5.92	0.00		0.17	7.53	1.87
Dadri (Gas)	830.00	101.18	12.19%	210.96		51.33	2.14	8.75	0.00		0.36	11.25	2.19
Unchahar-I	420.00	25.57	6.09%	195.91		15.55	0.99	1.75	0.03		0.08	2.85	1.83
Unchahar-II	420.00	51.99	12.38%	221.21		31.51	2.28	3.49	0.05		-	5.82	1.85
Dadri (Thermal)	840.00	617.90	73.56%	367.89		262.79	22.55	42.98	0.50		0.71	66.74	2.54
<b>NHPC</b>													
Baira- Suil	180.00	19.80	11.00%	46.86		6.34	0.43	0.34	0.02		0.01	0.79	1.25
Salal	690.00	80.18	11.62%	173.25		21.96	1.68	1.49	0.11		0.04	3.31	1.51
Tanakpur	94.50	12.11	12.81%	44.67		1.05	0.48	0.08	0.03		0.01	0.59	5.65
Chimera I	540.00	42.66	7.90%	209.32		9.33	1.38	0.68	0.08		0.07	2.21	2.37
Chimera II	300.00	53.04	17.68%	0.00		12.07	0.00	2.75	0.00		-	2.75	2.28
Uri	480.00	52.99	11.04%	513.59		35.18	4.73	2.56	0.26		0.10	7.64	2.17
<b>NJPC</b>	1,500.00	167.25	11.15%	0.00		31.37	0.00	7.37	0.00		-	7.37	2.35
<b>NPC</b>													
Napp	440.00	52.06	11.83%	0.00		23.06	0.00	5.37	0.00		0.21	5.57	2.42
Rapp B#3	220.00	2.61	1.19%	0.00		1.06	0.00	0.29	0.00		-	0.29	2.78
Rapp B#4	220.00	46.61	21.19%	0.00		18.01	0.00	5.00	0.00		-	5.00	2.78
Trading Companies						21.88		6.87			3.21	10.08	4.61
<b>PGCIL</b>									0.69	12.31	0.55	13.55	
Transmission for NR												0.00	
Transmission for ER												0.00	
RLDC Charges										0.11		0.11	
ULDC Charges										1.36		1.36	
<b>BTPS</b>						324.00		79.95				79.95	2.47
GENCO							21.50					21.50	



## Form 1.3b: Cost of Purchased Energy

Month : Mar-06

Source of supply	Station capacity	Transmission Licensee's share		Total Capacity charges	Total units sent out	Units purchased/balanced for	Capacity/Composite Charges paid	Variable cost paid	Incentive/penalty payment	wheeling charges paid	Any other charges paid	Total charges paid	Average per unit cost from
	(MW)	(MW)	%	(Rs. Cr.)	(MU)	(MU)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Paise/kWh)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
IP Rajghat						84.00		18.31				18.31	2.18
GTPS						88.00		17.34				17.34	1.97
Pragati						150.00		25.50				25.50	1.70
TOTAL PURCHASE						207.53	23.17	26.98	0.26			50.41	2.43
						1,623.45	90.85	279.69	2.31	13.78	6.82	393.45	2.42
UI						-74.28		-15.60				-15.60	2.10
ENERGY PURCHASED						1,697.73						409.05	2.41
Transmission Loss NR					3.2%	24.16							
NET ENERGY AVAILABLE						1,674							
PROJECTED DEMAND						1,674							
Total for the year													
Net Gain/Loss due to Overlay Account of NREB (Applicable for period prior to implementation of ABT in Northern Region): Form 1.3b-2													
Net Gain/Loss on account of Unscheduled Interchange (Applicable for period after implementation of ABT in Northern Region): Form 1.3b-2													
Grand Total for Cost of Power Purchase including above Net Gain/Loss													