
5. ANNEXURES



DIRECTOR (FINANCE)
UJVN LIMITED

ANNEXURE- 1

Growth Factor Gn

Particulars	FY 2013-14	FY 2014-15	FY'2015-16	FY'2016-17	FY'2017-18	FY'2018-19
Opening no. of Employees		2082	2021	2212	2297	2299
Retirement		128	130	126	98	84
Recruitment		40	321	211	100	100
Closing No. of Employees		2021	2212	2297	2299	2315
Gn		-2.93%	9.45%	3.84%	0.09%	0.70%

ANNEXURE -2

Particulars	FY of COD	Expenditure by I.D. till zero date	Up to Previous Year (n-1) by UJVN Ltd.	Up to Previous Year (n-1) Actual / Audited	Current Year (n)			Remarks+	Ensuing Year (n+1) Projected	Ensuing Year (n+2) Projected	Ensuing Year (n+3) Projected	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred (Up to Sep 2015)	Remarks ++	Balance after Sep 2015
					Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)								
(1)	(2)	(3)	(4)	(5)=(3)+(4)	(6)	(7)	(8)=(6)+(7)	(9)	(10)	(11)	(12)	(13)	(14)=(5)+(6)	(15)	(16)=(13)-(14)
A) Expenditure Details	2018-19													DPR cost of the project (Rs 936.23 Crore) is based on	
A 1 - Civil & H-M Works															
1- Direct Charges															

I- works														Feb 2010 price level. Escalation will add to the cost afterwards.	
a) Preliminary			21.07	21.07		2	2		4	1.29	0	28.36	21.07		7.29
b) Land		2.45	10.93	13.38		15	15		4.14	0	0	32.52	13.38		19.14
c) Works		8.76	4.19	12.95	4.52	30	34.52		130	100.32	40	317.79	17.47		300.32
j) Power Plant Civil works		26.1	7.57	33.67	4.2	20	24.2		60	40	14.7	172.57	37.87		134.7
k) Buildings		9	0.05	9.05	-0.03	1	0.97		3	3	3.64	19.66	9.02		10.64
m) Plantation				0			0		0.3	0.4	0.3	1	0		1
o) Miscellaneous		3.69	6.28	9.97	1.07	1	2.07		2	2	0.57	16.61	11.04		5.57
p) Maintenance During Construction			2.28	2.28	0.12	0.12	0.24		1	1	0.92	5.44	2.4		3.04
q) Special Tools and Plants			0.14	0.14			0		0.5	0.5	0.13	1.27	0.14		1.13
r) communication		10	11.49	21.49	0.08	0.2	0.28		4.5	4.5	3.29	34.06	21.57		12.49
x) Environment and Ecology			18.97	18.97		0.62	0.62		1.5	1.5	0.75	23.34	18.97		4.37
y) Losses on Stock				0			0		0	0	1.36	1.36	0		1.36
II - Establishment			13.34	13.34	2.26	2.26	4.52		10	11.86	10	49.72	15.6		34.12
III - Tools and Plants (limited to 1-2 crores)			0.94	0.94	0.03	0	0.03		0.03	0	0	1	0.97		0.03
IV - Suspense													0		0
V - Receipt & Recoveries (-)			-2.87	-2.87	-1.95	0	-1.95		0	0	0	-0.94	-4.82		0
2- INDIRECT CHARGES													0		0

i) Capitalised Value of abatement of Land Revenue						0	0			0	0	0.36	0.36	0		0.36
ii) Audit & Accounts Charges						0.27	0.27			1	1	1	3.27	0		3.27
A 2 - ELECTRICAL WORKS					0.2	20	20.2			70	40	19.59	149.79	0.2		149.59
INTEREST DURING CONSTRUCTION (At Debt : Equity = 70:30)			1.08	1.08	1.34	9.09	10.43			30	22	9	72.51	2.42		70.09
FINANCING CHARGES			0	0		0.55	0.55			3	2	1	6.55	0		6.55
Total (A)		60	95.46	155.46	11.84	102.11	113.95			324.97	231.37	106.61	936.23	167.3		765.06

ANNEXURE -3

Particulars	FY of COD	Up to Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred (Up to Sep 2015)	Remarks +	Balance after Sep 2015
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Project	Project	Project				
(1)	(2)	(3)	(4)	(5)	(6)=(4)+(5)	(7)	(8)	(9)	(10)	(11)	(12)=(3)+(4)	(13)	(14)=(11)-(12)
A) Expenditure Details	2018-19											DPR cost of the project (Rs 3966.51 Crore) is	
I- works													
a) Preliminary		52.19		3	3		5.19	8.07	3.46	44.28	52.19		-7.91

b) Land	150.811614 5		12	12		12	30	4.1	142.9232	150.811614 5	based on May 2012 price level. Escalation will add to the cost afterwards.	-7.8884145
c) Works	0.7618486			0		12.64	150	336	2423.8964	0.7618486		2423.13455
d) Regulatory and measuring devices				0					0	0		1
e) Falls				0					0	0		0
f) C.D. Works				0					0	0		0
g) Bridges				0					0	0		0
h) Escapes				0					0	0		0
i) Navigation works				0					0	0		0
j) Power plant and civil works				0		3.03	50	50	263.0419	0		263.0419
k) Buildings	0.6521459	0.280711		0.280711		8.13	13	9.1	62.5175	0.9328569		61.5846431
l) Earthworks				0					0	0		0
m) Plantation				0					0	0		0
n) Tanks & reservoir				0					0	0		0
o) Miscellaneous	0.6386324	0.304864 6		0.3048646		4.03	5.64	3.23	73.71	0.943497		72.766503
p) Maintenance				0		0.33	4.27	7.55	32.858	0		32.858
q) Special tools and plants				0		1.53	1.26	0	2.7882	0		2.7882
r) Communicati on	0.0009763			0		17.33	5	2	104.3109	0.0009763	104.309923 7	
s) Power plant and electric system				0					390.962	0	390.962	
t) Water supply works				0					0	0	0	

u) Distributory and minors					0					0	0	0
v) Water course					0					0	0	0
w) Drainage					0					0	0	0
x) Environment and ecology					0		3.58	7.15	7.86	35.7725	0	35.7725
y) Losses on stock					0		0.08	0.99	1.89	8.2145	0	8.2145
II - Establishment	0	0.213427			0.2134271		5.39	12	10	309.8117	0.2134271	309.598272
III - Tools and Plants	0				0		2.15	6.46	7.53	35.8528	0	35.8528
IV - Suspense					0					0	0	0
V - Receipt & Recoveries (-)	0				0		0	0	0	-1.1506	0	-1.1506
2- INDIRECT CHARGES					0						0	0
i) Capitalised Value of abatement of Land Revenue	0				0		0.36	0.47	0.03	0.8633	0	0.8633
ii) Audit & Accounts Charges	0				0		2.15	6.46	7.53	35.8528	0	35.8528
Total (A)	205.055217	0.799002	15	15.799002			77.92	300.77	450.28	3966.5051	205.854220	3760.65088
	7	7		7							4	


 DIRECTOR (FINANCE)
 UJVN LIMITED

ANNEXURE -4

Particulars	Total Expenditure Approved by Competent Authority	Previous year (n-1)	Current Year (n)		Total Expenditure Incurred upto Current Year	Total Expenditure supposed to be incurred till current year, as per the approved plan	Difference between column 6 and 7	Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
			Expenditure Actually Incurred	Apr-Sep (Actual)							
1	2	3	4	5	6	7	8	9	10	11	12
A) Expenditure Details											
a) Land											
b) Building											
c) Major Civil Works											
d) Plant & Machinery											
e) Vehicles											
f) Furniture and Fixtures											
g) Office Equipment & Others											
h) Others			0.71	2.00					2.50	1.00	1.00
Total (A)			0.71	2.00					2.50	1.00	1.00

ANNEXURE - 5

Particulars	Total Expenditure Approved by Competent Authority	Previous year (n-1)	Current Year (n)	Total Expenditure Incurred upto Current Year	Total Expenditure supposed to be incurred till current year, as per	Difference between column 6 and 7	Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
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DIRECTOR (FINANCE)
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		Expenditure Actually Incurred	Apr- Sep (Actual)	Oct-Mar (Estimated)		the approved plan					
1	2	3	4	5	6	7	8	9	10	11	12
A) Expenditure Details											
a) Land									25.50	0.10	0.00
b) Building									8.00	17.30	4.90
c) Major Civil Works									1.00	131.45	158.20
d) Plant & Machinery									0.00	0.50	74.01
e) Vehicles									0.20	0.50	0.50
f) Furniture and Fixtures									0.10	0.05	0.00
g) Office Equipment & Others									0.20	0.10	0.00
h) Others			0.40	1.38							
Total (A)			0.40	1.38					35.00	150.00	237.61

ANNEXURE -6

Particulars	Total Expenditure Approved by Competent Authority	Previous year (n-1)	Current Year (n)		Total Expenditure Incurred upto Current Year	Total Expenditure supposed to be incurred till current year, as per the approved plan	Difference between column 6 and 7	Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		Expenditure Actually Incurred	Apr- Sep (Actual)	Oct-Mar (Estimated)							
1	2	3	4	5	6	7	8	9	10	11	12
A) Expenditure Details											
a) Land											
b) Building											
c) Major Civil Works											
d) Plant & Machinery											

e) Vehicles											
f) Furniture and Fixtures											
g) Office Equipment & Others											
h) Others			0.2	0.61					1.00	2.00	1.00
Total (A)			0.20	0.61					1.00	2.00	1.00
B) Break up of sources of financing			0.14	0.43	0.00	0.00	0.00	0.00	0.70	1.40	0.70
a) Loans/ Borrowings			0.06	0.18	0.00	0.00	0.00	0.00	0.30	0.60	0.30
b) Equity			0.20	0.61					1.00	2.00	1.00
c) Others (Please specify)											
Total (B)			0.26	0.79					1.30	2.60	1.30

ANNEXURE – 7

Particulars	Total Expenditure Approved by Competent Authority	Previous year (n-1) Expenditure Actually Incurred	Current Year (n)		Total Expenditure Incurred upto Current Year	Total Expenditure supposed to be incurred till current year, as per the approved plan	Difference between column 6 and 7	Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
			Apr-Sep (Actual)	Oct-Mar (Estimated)							
1	2	3	4	5	6	7	8	9	10	11	12
A) Expenditure Details											
a) Land											
b) Building											
c) Major Civil Works											
d) Plant & Machinery											
e) Vehicles											
f) Furniture and											

Fixtures											
g) Office Equipment & Others											
h) Others			0.08	0.10	0.18				0.50	0.50	1.00
Total (A)			0.08	0.10	0.18				0.50	0.50	1.00

ANNEXURE -8 (A)

Name of Generating Company		UJVN Limited									
Name of Generating Station		Asiganga - I SHP (2X2250 kW)									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimate d)	Total (April - March)		Projecte d	Projecte d	Projecte d		
A) Expenditure Details											
a) Land		0.33	0.00	0.00	0.00		0.02	0	0	0.35	0.33
b) Building		0.30	0.00	0.00	0.00		0.21	0	0	0.51	0.30
c) Major Civil Works		18.27	0.00	0.00	0.00		9.27	6.18116	0	33.73	18.27
d) Plant & Machinery		7.43	0.00	0.00	0.00		4.24	2.82756	0	14.50	7.43
e) Vehicles		0.00	0.00	0.00	0.00		0.00	0	0	0.00	0.00
f) Furniture and Fixtures		0.00	0.00	0.00	0.00		0.18	0.11768	0	0.29	0.00
g) Office Equipment & Others		0.45	0.00	0.00	0.00		2.27	1.51132	0	4.23	0.45
Total (A)		26.78	0.00	0.00	0.00		16.19	10.64	0.00	53.61	26.78

ANNEXURE – 8(B)

Name of Generating Company		UJVN Limited											
Name of Generating Station		Asiganga - II											
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred		
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimate d)	Total (April - March)		Projected	Projected	Projected				
A) Expenditure Details													
a) Land		0.31	0	0	0		0.00			0.40	0.31		
b) Building		0.32	0	0	0		0.00			0.42	0.32		
c) Major Civil Works		8.72	0	0	0		0.00			31.91	8.72		
d) Plant & Machinery		6.28	0	0	0		0.00			16.04	6.28		
e) Vehicles			0	0	0		0.00			0.00	0.00		
f) Furniture and Fixtures			0	0	0		0.00			0.30	0.00		
g) Office Equipment & Others		0.39	0.27	0	0.27		0.50	0.50	0.50	5.56	0.66		
Total (A)		16.02	0.27	0.00	0.27		0.50	0.50	0.50	54.64	16.29		

ANNEXURE 8 (C)

Name of Generating Company _____ UJVN Limited
Name of Generating Station _____ Kaldigad SHP


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Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected	
A) Expenditure Details	N.A.									
a) Land		2.76	0.00	0.00	0.00		0.00	0.00	0.00	2.25
b) Building		0.79	0.00	0.00	0.00		0.00	0.00	0.00	1.84
c) Major Civil Works		2.58	0.00	0.00	0.00		0.00	0.00	0.00	59.82
d) Plant & Machinery		0.00	0.00	0.00	0.00		0.00	0.00	0.00	17.20
e) Vehicles		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
f) Furniture and Fixtures		0.05	0.00	0.00	0.00		0.00	0.00	0.00	0.86
g) Office Equipment & Others		6.19	0.00	0.00	0.00		0.00	0.00	0.00	17.59
Total (A)		12.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.55

ANNEXURE 8(D)

Name of Generating Company		UJVN LTD.									
Name of Generating Station		KALIGANGA-I									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited**	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected		
A) Expenditure Details	2017-18										
a) Land		0.629	0.00		0.00		0.05	0.00		0.05	0.63
b) Building		0.050	0.00		0.00		0.20	0.25		0.45	0.05
c) Major Civil Works		6.59	0.00	0.75	0.75		7.00	5.06		12.81	6.59

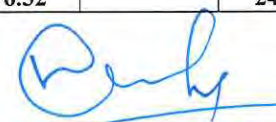
DIRECTOR (FINANCE)
UJVN LIMITED

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d) Plant & Machinery		0.19	0.00		0.00		6.50	6.17		12.67	0.19
e) Vehicles		0	0.00		0.00		0.13	0.00		0.13	0.00
f) Furniture and Fixtures		0	0.00		0.00		0.13	0.00		0.13	0.00
g) Office Equipment & Others		2.482	0.00	3.06	3.06		7.46	5.34		15.86	2.48
Total (A)		9.94	0.00	3.81	3.81		21.47	16.82	0.00	42.10	9.94

ANNEXURE 8(E)

Name of Generating Company		UJVN LTD. KALIGANGA-II									
Name of Generating Station		II									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited*	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projecte d	Projecte d	Projecte d		
A) Expenditure Details	2018-19										
a) Land		1.42	0.00	0.00	0.00		0.12	0.00	0.00	0.12	1.42
b) Building		0.36	0.00	0.00	0.00		0.20	0.20	0.00	0.40	0.36
c) Major Civil Works		6.41	0.00	1.36	1.36		10.00	6.50	6.96	27.61	7.77
d) Plant & Machinery		0.01	0.00	0.00	0.00		5.00	5.00	4.72	14.72	0.01
e) Vehicles		0.00	0.00	0.00	0.00		0.20	0.00	0.00	0.20	0.00
f) Furniture and Fixtures		0.00	0.00	0.00	0.00		0.20	0.00	0.00	0.20	0.00
g) Office Equipment & Others		3.73	0.00	4.96	4.96		8.46	5.45	0.00	16.08	8.69
Total (A)		11.94	0.00	6.32	6.32		24.18	17.15	11.68	59.33	18.25


DIRECTOR (FINANCE)
UJVN LIMITED

ANNEXURE 8(F)

Name of Generating Company		UJVN Limited									
Name of Generating Station		Limchagad SHP (2X3500 kW)									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected		
A) Expenditure Details											
a) Land		0.01	0.00	0	0		0.00	0.00	0.00	0.10	0.01
b) Building		0.00	0.00	0	0		0.00	0.00	0.00	0.37	0.00
c) Major Civil Works		0.00	0.00	0	0		0.00	0.00	0.00	11.67	0.00
d) Plant & Machinery		0.00	0.00	0	0		0.00	0.00	0.00	9.05	0.00
e) Vehicles		0.05	0.01	0	0.01		0.00	0.00	0.00	0.00	0.06
f) Furniture and Fixtures		0.00	0.00	0	0		0.00	0.00	0.00	0.22	0.00
g) Office Equipment & Others		0.00	0.00	0	0		0.50	0.50	0.50	4.31	0.00
Total (A)		0.06	0.01	0.00	0.01		0.50	0.50	0.50	25.72	0.07

ANNEXURE 8(G)

Name of Generating Company UJVN LTD.


 DIRECTOR (FINANCE)
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MADHYAMAHESHW											
Name of Generating Station		AR									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected		
A) Expenditure Details	2018-19										
a) Land		0.69	0		0		1.00	0.00	0.00	1.00	0.69
b) Building		0.15	0		0		1.00	0.90	0.00	1.90	0.15
c) Major Civil Works		8.54	0	15.17	15.17		34.00	38.00	10.97	99.14	8.54
d) Plant & Machinery		0.00	0		0		10.00	16.00	10.49	36.49	0.00
e) Vehicles		0.00	0		0		0.70	0.00	0.00	0.70	0.00
f) Furniture and Fixtures		0.00	0		0		0.70	0.00	0.00	0.70	0.00
g) Office Equipment & Others		9.15	0		0		10.35	13.21	26.50	49.06	9.15
Total (A)		18.53	0	15.17	15.17		57.75	68.11	47.96	188.99	18.53

ANNEXURE 8 (H)

Name of Generating Company		UJVN Limited									
Name of Generating Station		Sawarigad SHP (2X1000 kW)									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks +	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved	Total Expenditure Actually


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	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimate d)	Total (April - March)	Projecte d	Projecte d	Projecte d	by Competen t Authority	Incurred
A) Expenditure Details									
a) Land	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.52
b) Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
c) Major Civil Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59	0.00
d) Plant & Machinery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.73	0.00
e) Vehicles	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01
f)Furniture and Fixtures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
g) Office Equipment & Others	0.00	0.00	0.00	0.00	0.50	0.50	0.50	1.88	0.00
Total (A)	0.52	0.01	0.00	0.01	0.50	0.50	0.50	15.50	0.53

ANNEXURE – 8 (I)

Name of Generating Company		UJVN Limited										
Name of Generating Station		Bhilangana-II (A)										
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks ⁺	Ensuin g Year (n+1)	Ensuin g Year (n+2)	Ensuin g Year (n+3)	Ensuin g Year (n+4)	Total Expenditu re Approved by Competen t Authority	Total Expenditu re Actually Incurred
		Actual / Audited	Apr-Sep (Actua l)	Oct-Mar (Estimate d)	Total (April - Marc h)		Project ed	Project ed	Project ed	Project ed		

A) Expenditure Details											
a) Land		0.05	0.02		0.02						0.07
b) Building					0						0.00
c) Major Civil Works		0.03			0						0.03
d) Plant & Machinery					0						0.00
e) Vehicles		0.04	0.02		0.02						0.06
f) Furniture and Fixtures		0.08			0						0.08
g) Office Equipment & Others		1.59	0.02		0.02						1.61
Total (A)		1.79	0.06		0.06						1.85

ANNEXURE 8(J)

Name of Generating Company		UJVN Limited									
Name of Generating Station		Sonegad SHP (2X3500 kW) (New Project)									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks ⁺	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	Total Expenditure Actually Incurred
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected		
A) Expenditure Details											
a) Land		0	0	0	0		0	0	0	1.00	0
b) Building		0	0	0	0		0	0	0	2.00	0
c) Major Civil		0	0	0	0		0	0	0	36.90	0

Works											
d) Plant & Machinery		0	0	0	0		0	0	0	20.83	0
e) Vehicles		0	0	0	0		0	0	0	0.00	0
f) Furniture and Fixtures		0	0	0	0		0	0	0	0.65	0
g) Office Equipment & Others		0.0446	0	0	0		0	0.50	0.50	14.96	0.0446
Total (A)		0.0446	0	0	0		0	0.50	0.50	76.33	0.0446

ANNEXURE – 8(K)

Name of Generating Company		UJVNL									
Name of Generating Station		URGAM-I									
Particulars	FY of COD	Previous Year (n-1)	Current Year (n)			Remarks+	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure Approved by Competent Authority	
		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)		Projected	Projected	Projected		
A) Expenditure Details	2017-18										
a) Land											
b) Building											
c) Major Civil Works			0	1.5	1.5		4.944	1.24	0		
d) Plant & Machinery			0				1.5	0.1995	0		
e) Vehicles											
f) Furniture and Fixtures											
g) Office Equipment & Others			0								
Total (A)			0	1.5	1.5		6.444	1.44			9.38

ANNEXURE 9

Working sheet for apportionment of Additional Capitalization of Head Office for FY 2015-16														
(Amount in Rs.)														
S. No.	Particulars	Total Head Office	Chilla	Tiloth	Kalagarh	Lohiyahad	Chibro	Khodri	Dhakrani	Dhalipur	Kulhal	MB-II	Pathri Hardwar SHP (Pathri +Mohammadpur+Galogi)	SHP
	Capacity(MW)		144	90	198	41.4	240	120	33.75	51	30	304	32.7	15.2
	Apportion	100%	85%									10%	5%	
			15.19%	9.49%	20.88%	4.37%	25.31%	12.66%	3.56%	5.38%	3.16%	10.00%	68.27%	31.73%
a)	Additions													
	Land	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building	0	0	0	0	0	0	0	0	0	0	0	0	0
	Major civil works	0	0	0	0	0	0	0	0	0	0	0	0	0
	Plant & Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0
	Furniture & Fixtures	1500000	193640	121025	266255	55672	322734	161367	45384	68581	40342	150000	51200	23800
	Office Equipment	11200000	1445847	903654	1988040	415681	2409745	1204873	338870	512071	301218	1120000	382296	177704
	Total	12700000	1639487	1024680	2254295	471353	2732479	1366240	384255	580652	341560	1270000	433497	201503



DIRECTOR (FINANCE)
UJVN LIMITED

Working sheet for apportionment of Additional Capitalization of Head Office for FY 2016-17														
(Amount in Rs.)														
S. No.	Particulars	Total Head Office	Chilla	Tiloth	Kalagarrh	Lohiyahad	Chibro	Khodri	Dhakrani	Dhalipur	Kulhal	MB-II	Pathri Hardwar SHP (Pathri +Mohammadpur+Galogi)	SHP
	Capacity(MW)		144	90	198	41.4	240	120	33.75	51	30	304	32.7	15.2
	Apportion	100%	85%									10%	5%	
			15.19%	9.49%	20.88%	4.37%	25.31%	12.66%	3.56%	5.38%	3.16%	10.00%	68.27%	31.73%
a)	Additions													
	Land	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building	80000000	10327480	6454675	14200285	2969150	17212466	8606233	2420503	3657649	2151558	8000000	2730689	1269311
	Major civil works	0	0	0	0	0	0	0	0	0	0	0	0	0
	Plant & Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicles	3000000	387280	242050	532511	111343	645467	322734	90769	137162	80683	300000	102401	47599
	Furniture & Fixtures	2000000	258187	161367	355007	74229	430312	215156	60513	91441	53789	200000	68267	31733
	Office Equipment	7500000	968201	605126	1331277	278358	1613669	806834	226922	342905	201709	750000	256002	118998
	Total	92500000	11941149	7463218	16419079	3433080	19901914	9950957	2798707	4229157	2487739	9250000	3157359	1467641



DIRECTOR (FINANCE)
UJVN LIMITED

Working sheet for apportionment of Additional Capitalization of Head Office for FY 2017-18

(Amount in Rs.)

S. No.	Particulars	Total Head Office	Chilla	Tiloth	Kalagarrh	Lohiyahad	Chibro	Khodri	Dhakrani	Dhalipur	Kulhal	MB-II	Pathri Hardwar SHP (Pathri +Mohammadpur+Galogi)	SHP	
	Capacity(MW)		144	90	198	41.4	240	120	33.75	51	30	304	32.7	15.2	
	Apportion	100%	85%										10%	5%	
			15.19%	9.49%	20.88%	4.37%	25.31%	12.66%	3.56%	5.38%	3.16%	10.00%	68.27%	31.73%	
a)	Additions														
	Land	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Building	80000000	10327480	6454675	14200285	2969150	17212466	8606233	2420503	3657649	2151558	8000000	2730689	1269311	
	Major civil works	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Plant & Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Vehicles	3000000	387280	242050	532511	111343	645467	322734	90769	137162	80683	300000	102401	47599	
	Furniture & Fixtures	2000000	258187	161367	355007	74229	430312	215156	60513	91441	53789	200000	68267	31733	
	Office Equipment	7500000	968201	605126	1331277	278358	1613669	806834	226922	342905	201709	750000	256002	118998	
	Total	92500000	11941149	7463218	16419079	3433080	19901914	9950957	2798707	4229157	2487739	9250000	3157359	1467641	

Working sheet for apportionment of Additional Capitalization of Head Office for FY 2018-19



DIRECTOR (FINANCE)
UJVN LIMITED

(Amount in Rs.)

S. No.	Particulars	Total Head Office	Chilla	Tiloth	Kalagarh	Lohiyahad	Chibro	Khodri	Dhakrani	Dhalipur	Kulhal	MB-II	Pathri Hardwar SHP (Pathri +Mohammadpur+Galogi)	SHP
	Capacity(MW)		144	90	198	41.4	240	120	33.75	51	30	304	32.7	15.2
	Apportion	100%	85%									10%	5%	
			15.19%	9.49%	20.88%	4.37%	25.31%	12.66%	3.56%	5.38%	3.16%	10.00%	68.27%	31.73%
a)	Additions													
	Land	0	0	0	0	0	0	0	0	0	0	0	0	0
	Building	40000000	5163740	3227337	7100142	1484575	8606233	4303117	1210252	1828825	1075779	4000000	1365344	634656
	Major civil works	0	0	0	0	0	0	0	0	0	0	0	0	0
	Plant & Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vehicles	3000000	387280	242050	532511	111343	645467	322734	90769	137162	80683	300000	102401	47599
	Furniture & Fixtures	2000000	258187	161367	355007	74229	430312	215156	60513	91441	53789	200000	68267	31733
	Office Equipment	7500000	968201	605126	1331277	278358	1613669	806834	226922	342905	201709	750000	256002	118998
	Total	52500000	6777409	4235880	9318937	1948505	11295681	5647841	1588455	2400332	1411960	5250000	1792015	832985

ANNEXURE-A



DIRECTOR (FINANCE)
UJVN LIMITED

Additional Capitalization Proposed for FY 2015-16 (from 1.10.2015 to 31.03.2016)					
Name of HEP: Chibro Power Station					
S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Supply & replacement of trunion bushes, SS sealing ring etc & major overhauling of MIV of Machine No-4	0.50	Capital Maintenance of MIV of M/C No- 02 is required as leakage is in increasing trend from trunions.	Efficiency of Power house will increase which will result in high production	

	Procurement of governor Oil pumps	0.30	Governor Oil pumps are very old & creating problems in running .	
	Procurement of General purpose Compressor	0.25	Installed compressor is of Khosla make & spares are not available .Presently Compressor is not in the position to operate .	
	Procurement of Cooling wall with actuator & bypass valves with actuator	0.35	Installed valves are old & in bad condition. Actuators are also required with each valves for Operatiion with ease by the Operator.	
	Procurement of simens make governor pump oil motors	0.05	No spare Motor is available	
	Procurement of runner cone assembly & guide vane links.	0.08	No runner cone & guide vane links are available is spare.	

	Procurement of Bolt Tensioner	0.15	To save time & proper tightening of Nuts & Bolts.	
	Furniture for Office & field Hostel Chibro.	0.10	Furniture is very old & in bad condition new furniture is urgently required.	
	Procurement of REXROTH makes Valves of MIV	0.48	MIV REXROTH make valves are creating trouble in operation of MIV. Valves are very old & irreparable .	
	Procurement of spare Induction Motor for drainage pump.	0.15	No spare Motor is available for drainage pump keeping in view the shaft of Power station one spare Motor is required for drainage pump.	
	Capital Maintenance of Machine No-3 of Chibro	1.97	25 Lacs has already been paid & this work will improve the efficiency Of Machine.	

	Procurement of Truck	0.1	It shall be helpful for day to day shifting of stock material		Shall be procured on DGS & D Rates
	Upgradation of Synergy RTUs at Dhakrani, Dahlipur and Kulhal Power House	0.21	Existing Alstom make S900 RTU has become obsolete and spares are not available in the market.		
	Replacement of 220V DC Battery Bank at Khodri Power Station	0.22	Battery Set has complete his life and need to be replaced.		
	Purchase of 2 No. carrier equipment in all respect for reliable communication between Chibro and Dakpathar	0.20	For reliable communication between Chibro & Khodri P/H		
6	Furniture & Fixtures				
	Procurement of Furniture for field Hostel Chibro & EE (Maint.) office	0.1	Basic necessity of the Office & the field Hostel		Shall be procured on DGS & D Rates


 DIRECTOR (FINANCE)
 UJVN LIMITED

7	Office Equipments & Others				

Additional Capitalization Proposed for FY 2016-17					
Name of HEP: Chibro Power Station					
S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justificati on of cost/rate
1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Design, Supply, Installation, erection, testing	0.80	Existing breakers is too old & technology is obsolete, CBIP & safety council has recommended for replacement. spare parts	Efficiency of Power house will increase which will result in	

	&Commissioning of SF6 Breakers		existing breakers are not available in openmarket.	high production	
	Retrofitting of 11KV VCB including dismantling of existing system & Supply, retrofitting of new VCB.	0.70	Existing breakers is too old & technology is obsolete, spare parts are not available in openmarket		
	Design, Supply, Installation, erection & Commissioning of 11 KV Station Transformers 800 KVA Avytype 2 No	0.50	Existing transformers are askereel filled that is banned by environmental purpose.		
	Design, Supply, Installation,erection commissioning of new ventilation system including dismantling of existing system.	3.00	Existing system is too old & creating problem day to day to maintain proper ventilation in under ground Power house new energy efficient system is needs replacement.		
	Procurement of 500 KVA silent DG Set	0.50	Existing system is too old & inefficient creating problem during starting .		
	Fire detection protection system of 220 KV. LT Cables & renovation of existing multisfire system.	1.50	Existing system is too old & not working properly, unreliable.		
	Procurement of Energy efficient lighting material	0.50	Existing lightings are too old & inefficient in nature.		
	Procurement of 1000 GPH Transformer oil centrifensing Machine .	0.15	Existing Machine is of John fowler make & spare parts of this make are not available.		
	Procurement of drainage & dewatering Pumps	0.20	Required for efficient drainage & dewatering system		
	Replacement of trunion bushes, SS sealing ring etc & major overhauling of Machine No-04	1.00	This work shall improve the efficiency of Machine		
	Replacement of trunion bushes, SS sealing ring etc & major overhauling of Machine No-02	0.50	This work shall improve the efficiency of Machine		

	Capital Maintenance of Machine No-02	0.50	This work shall improve the efficiency of Machine		
	Replacement of Turbine Gauge Panel with Microprocessor based Panel at Chibro Power Station	0.30	Old ITI Relay based Panel Technology has become obsolete and Sapres are not available.		
	Replacement of 220V DC Battery Bank and Battery Charger at Chibro Power Station	0.30	Battery Set has become 15-16 years old & complete its life and need to be replacement. One Battery Charger has become 40 years old (since commissioning 1975 of Power Station)obsolete and Sapres are not available.		
	Purchase of 2 No. carrier equipment in all respect for reliable communication between Chibro and Dakpathar.	0.20	For reliable communication between Chibro & Khodri P/H		
5	Vehicles				
6	Furniture & Fixtrues				
7	Office Equipments & Others				

Additional Capitalization Proposed for 2017-18

Name of HEP: Chibro Power Station



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S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Replacement of trunion bushes, SS sealing ring etc & major overhauling of Machine No-02	0.50	This work shall improve the efficiency of Machine	Efficiency of Power house will increase which will result in high production	
	Capital Maintenance of Machine No-02	1.50	This work shall improve the efficiency of Machine		
	Capital Maintenance of Machine No-01	1.00	This work shall improve the efficiency of Machine		
	Replacement of Electromechanical Relay with	0.50	Electromechanical Relay obsolete and not available in the market		

	Numerical Relay for Generator and Generator Transformer Protection at Khodri Power Station				
5	Vehicles				
6	Furniture & Fixtures				
7	Office Equipments & Others				

Additional Capitalization Proposed for FY 2018-19

Name of HEP: Chibro Power Station

S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
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1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Capital Maintenance of Machine No-01	2.00	This work shall improve the efficiency of Machine	Efficiency of Power house will increase which will result in high production	
	Replacement of Electromechanical Relay with Numerical Relay for Generator and Generator Transformer Protection at Khodri Power Station	0.50	Electromechanical Relay obsolete and not available in the market		
5	Vehicles				
6	Furniture & Fixtures				

7	Office Equipments & Others				



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ANNEXURE – B

Additional Capitalization Proposed for FY 2015-16
(Actual from 01.04.2015 to 30.09.2015 & Tentative from 01.10.2015 to 31.03.2016)

Name of HEP: Khodri					
S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Hiring of emergency vehicle for powerhouse	0.04		Efficiency of Power house will increase in production	
	Upkeeping and cleaning of Khodri Powerhouse complex	0.14			
	Annual Operation Contract of 33/132 kV substation at Khodri	0.09			



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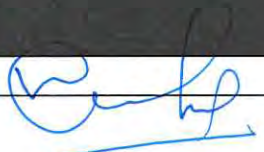
	Procurement of "Devcon" make epoxy material for surface treatment of all spiral case windows and draft tube windows of unit 3 & 4 and on the outer periphery concrete joints at Khodri	0.32		
	Procurement of spares and overhauling services of 2 Nos. 15T2 type "Ingersoll Rand" make compressors at Khodri	0.04		
	Procurement of spares and overhauling services of 2 Nos."Chicago Pneumatic" make compressors at Khodri	0.03		
	Procurement of "HP" and "Canon" make printer toner crtridge for Khodri (both units)	0.07		
	Procurement of "Rotork" make actuator for MIV by-pass and main cooling valve at Khodri Powerhouse	0.05		

	AMC of "Coral Telecom" make EPABX installed at Khodri Powerhouse	0.06		
	Procurement of "Hydac" filter elements for governor filters at Khodri	0.03		
	AMC of "Otis" make elevator	0.02		
	Annual maintenance of the turbine of Unit- 1, 2, 3 & 4 and associated equipment of Khodri	0.35		
	Annual maintenance of generator of Unit- 1, 2, 3 & 4 and associated equipment of Khodri	0.10		
	AMC of switchyard and lighting maintenance & other miscellaneous activities	0.20		
	Procurement of spares for switchyard & transformers	0.15		
	Replacement of 2 Nos. "Rexroth" make directional control valve of	0.24		

	unit No. 2 & 3 of Khodri Powerhouse.				
	Procurement of miscellaneous consumable and tools & tackles items at Khodri	0.10			
	Modification in the HVAC ducting	0.07			
5	Vehicles				
6	Furniture & Fixtures				
7	Office Equipments & Others				

Additional Capitalization Proposed for FY 2016-17

Name of HEP: Khodri



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S. No.	Description	Amount (In Crore)	Need/Urgency of Capex	How the Capex will have improvement in performance of plant/life enhancement	Justification of cost/rate
1	Land				
2	Building				
3	Major Civil Works				
4	Plant & Machinery				
	Procurement of spares for Capital maintenance of Unit No-04 (viz. spares for pivot ring servo motors guide apparatus, generators etc.)	4.00	Unit No -04 has operated for around 1.5 lacs hours since commissioning. Replacement of proposed spares of shall result in life enhancement of the Unit.	Efficiency of Power house will increase in production	
	Work regarding capital maintenance of Unit No-04 of Khodri Power house.	2.50	Unit No -04 has operated for around 1.5 lacs hours since commissioning. Capital maintenance of the unit No- 02 shall result in life enhancement of the Unit.		


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	Procurement of 500 KVA silent DG Set along with associated cables & panels	0.50	Backup supply from DPH in case of a grid failure takes a lot of time resulting in things getting out of control from the hands of AE (O) as the existing DG sets at Khodri DPH are old thus resulting in non reliable power backup during crunch situation .	
	Procurement of hydraulic collapsible lifting platform for attending faults in the switchyard	0.10	The system makes it easy to carry men and tools for carrying out high level conductor maintenance at 220 kV switchyard.	
	Procurement of 0.2 class, 245 KV 27 Nos CT & 9 Nos CTs for the switchyard of Khodri Powerhouse	1.50	UERC has issued guide lines for replacement of low accuracy CT PT CVTs with 0.2 accuracy class equipment.	
	Design manufacture supply erection, testing and commissioning of 3 Nos high lighting mast at Khodri Power house.	0.50	Essential for area lighting of the Power house & Switchyard complex which is necessary for proper surveillance for security pupose.	
	Procurement of Bolt Tensioner	0.15	To save time & proper tightening of Nuts & Bolts.	
	Supply, erection, testing and commissioning of two Nos. "Bosch Rexroth" make directional control valve for MIV of unit	0.25	Existing commissioning of two Nos. "Bosch Rexroth" make directional control valve for MIV have started showing age related failure and may fail at any time.	

	Procurement of "Thorplas" trademark "Thordon" make self lubricating guidevane bushes at Khodri	0.35	These bushes are based on the latest technological innovation and are being used specifically for the purpose of water based turbines.		
	Procurement of "WPIL" make 1 Nos. water lubricated dewatering pump	0.15	These pumps shall be used as back up spare inventory for immediate full replacement as and when the pump under operation fails.		
	Procurement of 1000 GPM Transformer oil centrifuging Machine .	0.10	Existing Machine is of John fowler make & spare parts of this make are not available.		
5	Vehicles				
6	Furniture & Fixtures				
7	Office Equipments & Others				



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