

State
District

: JAMMU & KASHMIR
: Udhampur

Basic Details of District for Supplementary DPR

Name of Project Implementing Agency	J&K Power Development Department
Name of DISCOM	J&K Power Development Department
Name of State	JAMMU & KASHMIR
Name of District	Udhampur
Total Population of district	554985
Total Geographical Area(SqKm)	2380
Percentage of Hilly area	82
Total Block in the district	7
Total Urban Town in the district	4
Total Urban Population in the district	108208
Population Of Urban Area	108208
Total Census Revenue Villages in the district	329
Total Habitations in the district	0
Total Rural Population in the district	446777

House Holds Details :-

Description	2001 Census	2011 Census	CAGR	Total HHs by 31.03.2015 as derived	Total HHs by 31.03.2019 as derived
Total House Holds in the district	75568	99240	23672	108708	118177
Rural HH in the district	62442	78887	16445	85465	92043
Urban HH in the district	13126	20353	7227	23243	26134
Total Energised HH in the district	67255	88323	21068	96659	105177
Urban HH electrified in the district	12994	20100	7106	22942	25784
Rural HH electrified in the district	56197	68223	12026	73033	77843
Balance Un-electrified Rural HH	6245	10664	4419	12432	14200

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Abstract : Scope of Work & Estimated Cost for Supplementary DPR (DDU)
: JAMMU & KASHMIR
: Udhampur

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
	D.Connecting / UnConnecting IHls					
	BPL IHls					
1	Chenani	Total BPL IHls proposed to be electrified	Nos.	59	0.03	1.77
2	Dudo Basant Garh	Total BPL IHls proposed to be electrified	Nos.	41	0.03	1.23
3	Ghordi	Total BPL IHls proposed to be electrified	Nos.	41	0.03	1.23
4	Majalta	Total BPL IHls proposed to be electrified	Nos.	10	0.03	0.3
5	Panchari	Total BPL IHls proposed to be electrified	Nos.	57	0.03	1.71
6	Ramnagar	Total BPL IHls proposed to be electrified	Nos.	21	0.03	0.63
7	Udhampur	Total BPL IHls proposed to be electrified	Nos.	61	0.03	1.83
Sub-Total (BPL IHls)				290		8.7
	New 11 KV Line DTR					
8	Chenani	25 KVA (3 Ph)	Nos.	19	1.19	22.61
9	Dudo Basant Garh	25 KVA (3 Ph)	Nos.	13	1.19	15.47
10	Ghordi	25 KVA (3 Ph)	Nos.	15	1.19	17.85
11	Majalta	25 KVA (3 Ph)	Nos.	6	1.19	7.14
12	Panchari	25 KVA (3 Ph)	Nos.	10	1.19	11.9
13	Ramnagar	25 KVA (3 Ph)	Nos.	7	1.19	8.33
14	Udhampur	25 KVA (3 Ph)	Nos.	15	1.19	17.85
		63 KVA (3 Ph)	Nos.	7	1.74	12.18
Sub-Total (New 11 KV Line DTR)				92		113.33
	New 11 KV Spur Line					
15	Chenani	11 KV Weasel Conductor	Kms.	28.3	5.25	148.375
16	Dudo Basant Garh	11 KV Weasel Conductor	Kms.	25.07	5.25	131.6175

05/01/2017

(AS PER SUPPLEMENTRY DPR)

(AS PER SUPPLEMENTARY DPR)

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Abstract : Scope of Work & Estimated Cost for Supplementary DPR
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S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
3	Ghordi	Installation of New Meters(1-Ph Domestic and Commercial Meters)	Nos.	1104	0.01	11.04
4	Majalta	Installation of New Meters(1-Ph Domestic and Commercial Meters)	Nos.	900	0.01	9
5	Panchari	Installation of New Meters(1-Ph Domestic and Commercial Meters)	Nos.	1037	0.01	10.37
6	Ramnagar	Installation of New Meters(1-Ph Domestic and Commercial Meters)	Nos.	1134	0.01	11.34
7	Udhampur	Installation of New Meters(1-Ph Domestic and Commercial Meters)	Nos.	926	0.01	9.26
Sub-Total (LT Metering(Consumer Metering))				7435		74.35
Total (E.Metering)						74.35
F.System Strengthening						
11 KV or 22 KV Line Augmentation						
1	Basantgarh-Basantgarh	Poles	Nos.	20	0	0
2	Basantgarh-Basantgarh(basantgarh To gandhtop)	Weasel-30 sqmm.	Kms.	9.5	0.85	8.075
Sub-Total (11 KV or 22 KV Line Augmentation)				29.5		8.075
New 11 KV Line						
3	kulwanta(Ramnagar To Nouji)	STEEL TUBULAR POLES WITH AB CABLE	Kms.	1	4.81	4.81
Sub-Total (New 11 KV Line)				1		4.81
New 33 KV Bay						
4	From Pathi To Kotla /Lalli	33 KV Bay	Nos.	1	10.22	10.22
Sub-Total (New 33 KV Bay)				1		10.22
New 33 KV Line						
5	From Battal To Majalta	33KV LINE ON STEEL TUBULAR POLES WITH DOG CONDUCTOR	Kms.	5	7.9	39.5

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Financial Bankability for Supplementary DPR

*All Amount

Total Cost of the Project		Rs.	148
Benefits of the Scheme			
a. Value of benefit due to sale of additional energy		Rs.	
b. Value of benefit due to saving in technical loss		Rs.	
c. Value of benefit due to saving in commercial loss		Rs.	
Total financial Benefit		Rs.	
IRR of The Project			
Year	Outflow		Inflow
1	50% of Project Cost	664.94397	
2	50% of Project Cost	593.69998	20% of Financial Benefites
3			100% of Financial Benefites
4			100% of Financial Benefites
5			100% of Financial Benefites
6			100% of Financial Benefites
7			100% of Financial Benefites
8			100% of Financial Benefites
9			100% of Financial Benefites
10			100% of Financial Benefites
11			100% of Financial Benefites
12			100% of Financial Benefites
13			100% of Financial Benefites
14			100% of Financial Benefites

05/01/2017

(AS PER SUPPLEMENTARY)

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Block-wise coverage of villages for Supplementary DPR

DDY
17/10/17

S.No.	Name of Block	Total no. of villages as per census	Villages proposed under present scheme	Habitations proposed under present scheme	Total RIIs (Incl. BPL IIs)	No of RIIs already electrified upto 31.03.15	% Electrification as on 31.03.15	RIIs(Incl. BPL) Already sanctioned and under execution in erstwhile RGGVY/State/ other schemes	Balance to be electrified	RIIs Proposed under present scheme	BPL Proposed under present scheme
1	2	3	4	5	6	7	8	9	10	11	12
1	Chenani	93	30	32	3627	2915	80.37	0	712	277	59
2	Dudo Basant Garh	31	10	13	652	51	7.82	0	601	435	41
3	Ghordi	28	11	16	1242	771	62.08	0	471	396	41
4	Majalta	37	6	6	1135	904	79.65	7	231	118	10
5	Panchari	38	9	11	510	213	41.76	0	297	267	57
6	Ramnagar	34	6	7	454	233	51.32	0	221	182	21
7	Samba	1	0	0	0	0	0	0	0	0	0
8	Udhampur	67	22	25	3553	2831	79.68	0	722	556	61
Total		329	94	110	11173	7918	70.87	0	3255	2231	290

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Abstract : Scope of Work & Estimated Cost (PMDP)

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
D.Connecting / UnConnecting HHs						
BPL HHs						
1	Chenani	Total BPL HHs proposed to be electrified	Nos.	434	0.03	13.02
2	Duda Basant Garh	Total BPL HHs proposed to be electrified	Nos.	380	0.03	11.4
3	Gbordh	Total BPL HHs proposed to be electrified	Nos.	139	0.03	4.17
4	Panchani	Total BPL HHs proposed to be electrified	Nos.	120	0.03	3.6
5	Ramnagar	Total BPL HHs proposed to be electrified	Nos.	70	0.03	2.1
6	Udhampur	Total BPL HHs proposed to be electrified	Nos.	245	0.03	7.35
Sub-Total (BPL HHs)				1388		41.64
Capacity Augmentation of DTR						
7	Chenani	From Existing to 100 KVA	Nos.	7	1.35	9.45
		From Existing to 250 KVA	Nos.	6	2.15	12.9
		From Existing to 63 KVA	Nos.	7	1.08	7.56
8	Duda Basant Garh	From Existing to 63 KVA	Nos.	17	1.08	18.36
9	Panchani	From Existing to 63 KVA	Nos.	5	1.08	5.4
10	Udhampur	From Existing to 100 KVA	Nos.	6	1.35	8.1
		From Existing to 250 KVA	Nos.	5	2.15	10.75
		From Existing to 63 KVA	Nos.	2	1.08	2.16
Sub-Total (Capacity Augmentation of DTR)				55		74.68
New 11 KV Line DTR						
11	Chenani	100 KVA (3 Ph)	Nos.	1	2.03	2.03
		25 KVA (3 Ph)	Nos.	44	1.19	52.36
		63 KVA (3 Ph)	Nos.	1	1.74	1.74

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Abstract : Scope of Work & Estimated Cost

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lsc)	Total Cost(In Lsc)
12	Dudo Basant Garh	25 KVA (3 Ph)	Nos.	33	1.19	39.27
13	Ghorli	25 KVA (3 Ph)	Nos.	36	1.19	42.84
14	Majalta	25 KVA (3 Ph)	Nos.	8	1.19	9.52
15	Panchari	25 KVA (3 Ph)	Nos.	19	1.19	22.61
16	Ramnagar	25 KVA (3 Ph)	Nos.	11	1.19	13.09
17	Udhampur	25 KVA (3 Ph)	Nos.	35	1.19	41.65
		63 KVA (3 Ph)	Nos.	12	1.74	20.88
Sub-Total (New 11 KV Line DTR)				200		245.99
New 11 KV Spur Line						
18	Chenani	11 KV Weasel Conductor	Kms.	66.23	5.23	347.8125
19	Dudo Basant Garh	11 KV Weasel Conductor	Kms.	45.79	5.23	240.3975
20	Ghorli	11 KV Weasel Conductor	Kms.	42.45	5.23	222.8625
21	Majalta	11 KV Weasel Conductor	Kms.	6.5	5.23	34.125
22	Panchari	11 KV Weasel Conductor	Kms.	31.4	5.23	164.85
23	Ramnagar	11 KV Weasel Conductor	Kms.	11.4	5.23	59.85
24	Udhampur	11 KV Weasel Conductor	Kms.	43.35	5.23	227.5875
Sub-Total (New 11 KV Spur Line)				247.14		1297.485
New LT Overhead Line						
25	Chenani	Weasel (30sqmm) 1Ph-N (2W)	Kms.	70.83	3.5	247.975
		Weasel (30sqmm) 3Ph-N (4W)	Kms.	9.6	3.82	36.672
26	Dudo Basant Garh	Weasel (30sqmm) 1Ph-N (2W)	Kms.	61.4	3.5	214.9
		Weasel (30sqmm) 3Ph-N (4W)	Kms.	15.76	3.82	60.2032
27	Ghorli	Weasel (30sqmm) 1Ph-N (2W)	Kms.	41.25	3.5	144.375

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Abstract : Scope of Work & Estimated Cost

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
28	Majalia	Weasel (30sqmm) 3Ph-N (4W)	Kms.	13.25	3.82	50.615
		Weasel (30sqmm) 1Ph-N (2W)	Kms.	6.25	3.5	21.875
		Weasel (30sqmm) 3Ph-N (4W)	Kms.	7.5	3.82	9.55
29	Panchlazi	Weasel (30sqmm) 1Ph-N (2W)	Kms.	19.75	3.5	69.125
		Weasel (30sqmm) 3Ph-N (4W)	Kms.	1.25	3.82	4.775
		Weasel (30sqmm) 1Ph-N (2W)	Kms.	11.6	3.5	40.6
30	Ramnagar	Weasel (30sqmm) 3Ph-N (4W)	Kms.	4.25	3.82	16.235
		Weasel (30sqmm) 1Ph-N (2W)	Kms.	11.25	3.5	39.375
		Weasel (30sqmm) 3Ph-N (4W)	Kms.	18.25	3.82	69.715
Sub-Total (New LT Overhead Line)				287.21		1025.9902
31	Reconductoring of existing LT Overhead line					
32	Chenani	Weasel (30sqmm) 1Ph-N (2W)	Kms.	24.5	0	0
33	Dudo Hasant Garh	Weasel (30sqmm) 3Ph-N (4W)	Kms.	13	1.41	18.33
34	Panchlazi	Weasel (30sqmm) 1Ph-N (2W)	Kms.	2	0	0
Sub-Total (Reconductoring of existing LT Overhead line)				39.5		18.33
35	Renovation of DTR SubStation Earthing					
35	Chenani	Renovation of DTR SubStation Earthing	Nos.	11	0.32	3.52
36	Dudo Hasant Garh	Renovation of DTR SubStation Earthing	Nos.	7	0.32	2.24
37	Ghondi	Renovation of DTR SubStation Earthing	Nos.	67	0.32	21.44
38	Udhampur	Renovation of DTR SubStation Earthing	Nos.	4	0.32	1.28
Sub-Total (Renovation of DTR SubStation Earthing)				89		28.48
Total (D.Connecting / UnConnecting IIIIs)						2732.5952
E.System Strengthening						(AS PER ORIGINAL DPR)

F.System Strengthening

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(AS PER ORIGINAL DPR)

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Abstract : Scope of Work & Estimated Cost

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
11 KV or 22 KV Line Augmentation						
1	Dasanigarth-Hasanigarth	Poles	Nos.	20	0	0
2	Dasanigarth-Hasanigarth(basanigarth To gandhitop)	Wear-el-30 sqmm.	Kms.	5.4	1.41	7.614
3	Ramnagar-Kulwanta	Poles	Nos.	20	0	0
4	Ramnagar-Kulwanta(Ramnagar To Kulwanta)	Wear-el-30 sqmm.	Kms.	15	1.41	21.15
Sub-Total (11 KV or 22 KV Line Augmentation)				60.4		28.764
33 KV Line Augmentation						
5	From Jhajjar Kotli To Jib	Poles	Nos.	20	0	0
6	From Jhajjar Kotli To Jib-Section 1	WOLF-150 sqmm.	Kms.	10	4.13	41.3
7	From Udhampur To Dairy Farm	Poles	Nos.	10	0	0
8	From Udhampur To Dairy Farm-Section 1	WOLF-150 sqmm.	Kms.	5	4.13	20.65
Sub-Total (33 KV Line Augmentation)				45		61.95
33/11 KV S/S Augmentation						
9	Batal(1x10+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 5 MVA TO 10 MVA	Nos.	1	74.85	74.85
10	Dhuma(1x3.15+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 3.15 MVA TO 6.3 MVA	Nos.	1	41.31	41.31
11	Jib(1x6.3+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 3.15 MVA TO 6.3 MVA	Nos.	1	41.31	41.31
12	Johmu(1x6.3+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 3.15 MVA TO 6.3 MVA	Nos.	1	41.31	41.31
13	Patli(1x3.15+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 3.15 MVA TO 6.3 MVA	Nos.	1	41.31	41.31
14	Phalato(1x10+0+0+0+0)	AUGMENTATION OF POWER TRANSFORMER FROM 6.3 MVA TO 10 MVA	Nos.	1	61.96	61.96
Sub-Total (33/11 KV S/S Augmentation)				6		302.05

(AS PER ORIGINAL DPR)

State : JAMMU & KASHMIR
District : Udhampur

Abstract : Scope of Work & Estimated Cost

S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
✓	New 11 KV Bay					
15	Sumeter(Nouji To Gundian)	11 KV Bay	Nos.	1	4.79	4.79
Sub-Total (New 11 KV Bay)				1		4.79
✓	New 11 KV Line					
16	chatterari(chatterari To chatterari)	STEEL TUBULAR POLES WITH WEASEL CONDUCTOR	Kms.	0.5	5.25	2.625
17	Chigla Blotha(Chatterari To Chatterara)	STEEL TUBULAR POLES WITH WEASEL CONDUCTOR	Kms.	5	5.25	26.25
18	Keya(Chatterari To Keya)	STEEL TUBULAR POLES WITH WEASEL CONDUCTOR	Kms.	1	5.25	5.25
19	Majouri(Chatterari To Dull)	STEEL TUBULAR POLES WITH WEASEL CONDUCTOR	Kms.	2	5.25	10.5
20	Sumeter(Nouji To Gundian)	STEEL TUBULAR POLES WITH WEASEL CONDUCTOR	Kms.	4	5.25	21
21	Sumeter(Ramnagar To Nouji)	STEEL TUBULAR POLES WITH AB CABLE	Kms.	1	4.81	4.81
Sub-Total (New 11 KV Line)				13.5		70.435
✓	New 33 KV Bay					
22	From Battal To Majalta	33 KV Bay	Nos.	1	13.94	13.94
23	From Jolina To Barmeen	33 KV Bay	Nos.	1	13.94	13.94
Sub-Total (New 33 KV Bay)				2		27.88
✓	New 33 KV Line					
24	From Battal To Majalta	33KV LINE ON STEEL TUBULAR POLES WITH DOG CONDUCTOR	Kms.	5	7.0902	35.451
25	From Jolina To Barmeen	33KV LINE ON STEEL TUBULAR POLES WITH DOG CONDUCTOR	Kms.	17	7.0902	120.5334
26	From Pathi To Kella /Lalli	33KV LINE ON STEEL TUBULAR POLES WITH DOG CONDUCTOR	Kms.	15	7.0902	106.353
Sub-Total (New 33 KV Line)				37		262.3374
✓	New 33/11 KV S/S					

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Abstract : Scope of Work & Estimated Cost

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S.No.	Item of Works	Sub Item	Unit	Quantity	Unit Cost(In Lac)	Total Cost(In Lac)
27	Banneen(1x3.15)	1x3.15	Nos.	1	151.93	151.93
28	Kotla /Lalli(1x3.15)	1x3.15	Nos.	1	151.93	151.93
29	Majala(1x3.15)	1x3.15	Nos.	1	151.93	151.93
Sub-Total (New 33/11 KV S/S)				3		455.79
Total (F-System Strengthening)						1213.9964
Grand Total (Total DPR Cost)						3946.5916

Asslt. Engr. Engineer
Project Wing (Jammu)
P.D.D. (J&K Govt.)

Executive Engineer
Project Division-IV
PDD Jammu

Technical Officer
Chief Engineer
Project Wing
PDD Jammu

Chief Engineer
Project Wing
PDD Jammu

Development Commissioner (Power)
Power Development Department
J&K Jammu

Financial Bankability

State : JAMMU & KASHMIR
District : Udhampur

*All Amount in Lacs

Total Cost of the Project		Rs.	3946.5916
Benefits of the Scheme			
a. Value of benefit due to sale of additional energy		Rs.	-11.232
b. Value of benefit due to saving in technical loss		Rs.	59.5212
c. Value of benefit due to saving in commercial loss		Rs.	41.9196
Total financial Benefit		Rs.	90.2088
IRR of The Project			0.17075
Year	Outflow	Inflow	
1	50% of Project Cost	1761.87125	
2	50% of Project Cost	1573.09933	20% of Financial Benefits
3			100% of Financial Benefits
4			100% of Financial Benefits
5			100% of Financial Benefits
6			100% of Financial Benefits
7			100% of Financial Benefits
8			100% of Financial Benefits
9			100% of Financial Benefits
10			100% of Financial Benefits
11			100% of Financial Benefits
12			100% of Financial Benefits
13			100% of Financial Benefits
14			100% of Financial Benefits

ACV11

Financial Bankability

State : JAMMU & KASHMIR
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15		100% of Financial Benefits	16.48081
16		100% of Financial Benefits	14.71501
17		100% of Financial Benefits	13.1384
18		100% of Financial Benefits	11.73072
19		100% of Financial Benefits	10.47385
20		100% of Financial Benefits	9.35165
21		100% of Financial Benefits	8.34969
22		100% of Financial Benefits	7.45508
23		100% of Financial Benefits	6.65632
24		100% of Financial Benefits	5.94315
25		100% of Financial Benefits	5.30638
Total		3334.97058	569.44547

D(II)

State
DistrictJAMMU & KASHMIR
Udhampur

Villagewise/Habitation wise coverage (PMDR)

Sl.No. (Vill.)	Name of Village (all villages as per census)	Census Code (2011)	Name of Habitation including main villages	Habitation Code	Total No. of Rilhs	No of Rilhs electrified as on 31.03.2015	Balance Nos. of Rilhs to be electrified as on 31.03.2015	Total BPL already sanctioned under execution in erstwhile RGGVY/State/Ce ntral Scheme as on 31/3/2015	No of Rilhs proposed to be electrified including BPL	No of BPL ilhs proposed to be electrified
1	2	3	4	5	6	7	8	9	10	11
	Chenani				12030	9679	2351	0	1323	434
	Dodo Hasant Garh				3063	1326	1737	0	1142	380
	Ghordi				7258	5678	1580	0	850	139
	Majalia				598	470	128	13	67	0
	Panchuri				3190	2184	1006	0	733	120
	Ramnagar				1075	717	358	0	284	70
	Udhampur				9266	7515	1751	0	1396	245
	Grand Total				36480	27569	8911	13	5795	1388