

## POWER SYSTEM DEVELOPMENT FUND (PSDF)

## Summary Status of the scheme submitted by the entities for funding from PSDF

Status as on 31.08.2017

All figures in Rupees Crore

Sr. No.	Name of the entity Figures in the bracket indicate estimated cost of the scheme	Total number of the scheme	Estimated cost of the schemes	estimated cost of the schemes by APC	Grant Approved / recommended	Futher action plan / remarks
Format D1	<b>Scheme approved by Monitoring Committee:</b> POWERGRID (374.63+1059.5+5778+472.55), Kerala (97.9+6.035+366+81.6), Rajashtan (159.53+23.96+29.95+586.87), West Bengal (136.45+28.5+1.64+48.45+72.65), Assam (382.48+57.13), Odisha (180.56+38.93), Karnataka (26.93+77.46), Bihar (74.13+63.55+24.96), NAGALAND (39.96),UP (176.5+279.19+80+63.31), Puduchary (13.98), Gujarat (1.72+3.7+1.62+48.13+82.85+37.15+54.80+21.73), Tamil Nadu (202+168.1+217.69), Meghalaya (102.80+41.93),NRPC (6.45), Telangana (72.60+53.63+32.86+107.40), Mizoram (31.38), Jammu&Kashmir (182.44+193.03), Tripura (79.95), Himachal Pradesh (68.59), Delhi (125.98), Uttarakhand (127.11), Punjab (18.21+15.31), MP (173+4+18.85+88.8+7.45), ERPC (20), Chhattisgarh (176.63+5.68), Arunachal Pradesh (33.45), Manipur (29.82+77.01), Andhra Pradesh (40.12+106.32+383.22), Haryana (1381.77), SRPC(6.45+28), DVC(39.87+191.31),REC(233.03), NERPC (8), Mahaeashtra (51.25+129.33+32.04+13.12+19.49+43.73),	90	16304.96	13,375.59	9398.35	Sanction Orders for grant of Rs. 9305.31 crore issued for 86 Schemes. Composite Sanction Order issued for two re-conductoring Schemes of MSETCL. Approval of Reactor proposals of MSETCL conditional. Sanction order held up.
Format D2	<b>Schemes under approval:</b> TSTRANSCO (185.23) , Rajasthan (191.72) , Kerala (61.37) , ERPC (6.20+1.01),Odisha (80.62), Uttrakhand (43.39), Kerala (212.45), Gujrat(576.64), Tamilnadu (374.42), Manipur (11.36), Jharkhand(186.31), BBMB (28.48), POWERGRID* (367.7)	14	2326.90	1983.13		*-POWERGRID -STATCOM Scheme, subject to NRPC report.
Format D3/1	Schemes under approved by Appraisal Committee:	0	0.00			
Format D3/2	<b>Schemes regarding installation of capacitors:</b> Mizoram (16.88), Punjab (8.35), Harayana (37.25), U.P (294.25+374.97+538+536.5+158.17+179.40+161.20+237.90), PDD J&k (223.88), Maharashtra (18.08+79.32), Telangana(39.87+28.13), Rajasthan(29.30)	17	2961.45			The proposals reviewed by Appraisal Committee in 17th meeting held on 04.07.2017. Proposals on hold. Shall be considered when sufficient funds are available.
Format D4/1	<b>Schemes examined and input is sought - Reliable communication schemes-</b> Chhattisgarh (68.37), UPPTCL(330), Punjab (67.92), Madhya Pradesh (506.51) & Karnataka (292.88) <b>Other schemes-</b> NIWE (5.17), HP (10.77+106.26), Maharashtra (47.29),Nagaland (27.47), Manipur (6.55), , ERPC (5.20), Rajasthan (488.19), Arunachal Pradesh (4.99), Andhra Pradesh (52.72), Nagaland (5.09),Mizoram (5.4), Haryana (1608), WB (110.50), Assam (5), Punjab (52), Gujarat (40.79)	22	3847.07			Examined by Techno-Economic sub group in 32nd & 33rd meeting held in May & June'17. Inputs sought by the sub group awaited.
Format D4/2	<b>Schemes received recently:</b> Telangana (1266.57), Tripura(100.01), Tamilnadu (122.36), Meghalaya (19.73+2.02), MP (10.45+11.56), Sikkim (68.95+25.36), Rajasthan (20.19), Jharkhand (102.31),Arunachal Pradesh (22.04), Odisha (31.94), Puducherry (15.01)	14	1818.50			Under Examination by NLDC
Format D5	<b>Schemes not eligible for funding from PSDF.</b> Rajashtan (234.22+193.77+534.19), UP (2741.01), NTPC (98.95) Gujarat (8.18+13.17+.8+11.47), MP (81+10+320), Punjab (4.5+582.37), WB (1211.43), Haryana (85.23+13.59), Mizoram (30.32), Odisha (336), DVC(44.67), Kerala (0.96) , Andhra Pradesh (17.51), Meghalaya (348.11) ,	23	6921.45			
	<b>Total</b>	<b>180</b>	<b>34180.33</b>	<b>15358.72</b>	<b>9398.35</b>	

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Chandigarh, Goa, D&amp;D, DNH yet to submit the schemes.

Status as on 23.08.2017

## Schemes approved under PSDF

Sl.No	Name of State/Entity	Name of Entity	Name of Scheme and Unique ID No	Date of Submission of Scheme by Entity	Estimated cost by entity	Date of Techno-Economic clearance	Date of Recommendation by Appraisal Committee	Project Cost accepted by Appraisal Committee.	Category of Funding	Quantum of Funding Recommended by Appraisal Committee	Date of Concurrence by CERC.	Grant Approved by Monitoring Committee	Date of Approval by Monitoring Committee.	Date of Issuance of sanction order by MoP	Date of Signing of Agreement
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
1	CPSU	POWERGRID	URTDSDM Scheme (Installation of PMUs (001)	23-Jun-14	374.63	27-Aug-14	29-Aug-14	374.63	5.1 (c)	70.00	7-Oct-14	262.24	8-Oct-14	31-Dec-14	27-Feb-15
2	Kerala	KSEBL	Renovation and Upgradation of protection system of substations (002)	30-Jul-14	97.90	25-Aug-14	29-Aug-14	91.46	5.1 (c)	90.00	7-Oct-14	82.31	8-Oct-14	31-Dec-14	20-Feb-15
3	Rajasthan	RRVPL	Renovation and Upgradation of protection system of substations (003)	18-Jun-14	159.53	25-Aug-14	29-Aug-14	159.53	5.1 (c)	90.00	7-Oct-14	143.58	8-Oct-14	31-Dec-14	6-Feb-15
4	Rajasthan	RRVPL	Installation of Bus Reactors (005)	18-Jun-14	23.96	25-Aug-14	29-Aug-14	23.87	5.1(b)	90.00	7-Oct-14	21.48	8-Oct-14	31-Dec-14	6-Feb-15
5	West Bengal	WBSETCL	Renovation and Upgradation of protection system of substations (007)	30-Jul-14	136.45	25-Aug-14	29-Aug-14	120.67	5.1 (c)	90.00	7-Oct-14	108.60	8-Oct-14	31-Dec-14	10-Feb-15
6	Odisha	OPTCL	Renovation and Upgradation of protection system of substations (008)	17-Jul-14	180.56	24-Nov-14	25-Nov-14	180.56	5.1 (c)	90.00	12-Jan-15	162.50	19-Mar-15	11-May-15	5-Aug-15
7	Assam	AEGCL	Renovation and Upgradation of protection system of substations(011)	21-Aug-14	382.48	24-Nov-14	25-Nov-14	299.37	5.1 (c)	100.00	12-Jan-15	299.37	19-Mar-15	11-May-15	29-Feb-16
8	Karnataka	KPCL	Renovation and Upgradation of protection system of substations (015)	11-Sep-14	26.93	24-Nov-14	25-Nov-14	19.84	5.1 (c)	90.00	24-Feb-15	17.85	19-Mar-15	11-May-15	12-Jun-15
9	Nagaland	DOP, Nagaland	Renovation and Upgradation of protection system of substations (017)	17-Sep-14	39.96	24-Nov-14	25-Nov-14	39.96	5.1 (c)	100.00	12-Jan-15	39.96	19-Mar-15	11-May-15	17-Aug-15
10	Bihar	BSPTCL	Renovation and Upgradation of protection system of substations (018)	18-Sep-14	74.13	19-Dec-14	14-Jan-15	71.35	5.1 (c)	90.00	18-Mar-15	64.22	19-Mar-15	11-May-15	3-Dec-15
11	Uttar Pradesh	UPPTCL	Installation of Capacitors and FSC. (025)	2-Nov-14	176.50	13-Jan-15	14-Jan-15	39.29	5.1(b)	90.00	18-Mar-15	35.36	19-Mar-15	11-May-15	26-Nov-15
12	Uttar Pradesh	UPPTCL	Renovation and Upgradation of protection system of substations. (026)	2-Nov-14	279.19	13-Jan-15	14-Jan-15	202.94	5.1 (c)	90.00	18-Mar-15	182.65	19-Mar-15	11-May-15	26-Nov-15
13	Gujarat	GETCO	Automatic Demand Management Scheme. (034)	1-Jan-15	1.72	12-Jan-15	14-Jan-15	1.67	5.1 (c)	90.00	18-Mar-15	1.50	19-Mar-15	11-May-15	23-Aug-15
14	TamilNadu	TANTRANSCO	Renovation and Upgradation of protection system of substations (020)	3-Oct-14	202.00	25-Feb-15	12-Mar-15	138.28	5.1 (c)	90.00	28-May-15	124.45	14-Jul-15	4-Aug-15	29-Jan-16
15	Gujarat	GETCO	Load Forecasting Scheme(035)	3-Jan-15	3.70	25-Feb-15	12-Mar-15	3.70	5.1 (e)	100.00	28-May-15	3.70	14-Jul-15	4-Aug-15	24-Feb-16
16	Puducherry	Electricity Department, Government of Puducherry	Renovation and Upgradation of protection system of substations (021)	10-Oct-14	13.98	3-Mar-15	12-Mar-15	10.56	5.1 (c)	90.00	28-May-15	9.50	14-Jul-15	4-Aug-15	26-Feb-16
17	Meghalaya	MePTCL	Renovation and Upgradation of protection system of substations (042)	22-Feb-15	102.80	3-Mar-15	12-Mar-15	69.19	5.1 (c)	100.00	28-May-15	69.19	14-Jul-15	4-Aug-15	8-Mar-16
18	NRPC	NRPC	Study Program on the integration of renewable energy resources (054)	15-May-15	6.45	19-May-15	10-Jun-15	6.45	5.1 (e)	100.00	25-Aug-15	6.45	1-Oct-15	28-Oct-15	24-Nov-15
19	Telangana	TSTRANSCO	Renovation and Upgradation of protection system of substations. (016)	8-Sep-14	72.60	25/2/2015 & 19-05-15	10-Jun-15	59.97	5.1(c)	90.00	25-Aug-15	53.97	1-Oct-15	28-Oct-15	1-Feb-16
20	Assam	AEGCL	Installation of BCU. (047)	7-Jan-15	57.13	25-Feb-15	10-Jun-15	53.52	5.1(c)	100.00	25-Aug-15	53.52	1-Oct-15	28-Oct-15	29-Feb-16
21	Mizoram	Department of Power Mizoram (032)	Renovation and Upgradation of protection system of substations. (32)	1-Dec-14	31.38	4/2/2015 & 06-05-15	10-Jun-15	26.84	5.1(c)	100.00	25-Aug-15	26.84	1-Oct-15	28-Oct-15	26-Apr-16
22	Jammu & Kashmir	PDD-J&K	Renovation and Upgradation of protection system of substations in Jammu(023)	14-Nov-14	182.44	19-Dec-14	14/01/2015 & 10-06-15	140.03	5.1(c)	100.00	5-Aug-15	140.04	1-Oct-15	28-Oct-15	14-Jan-16
23	Meghalaya	MePGCL	Renovation and upgradation of Protection and Control System. (57)	12-May-15	41.93	27-Jul-15	8-Sep-15	32.53	5.1(c)	100.00	3-Nov-15	32.53	15-Dec-15	5-Jan-16	10-Jun-16

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## Schemes approved under PSDF

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I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
24	Tripura	TSEBL	Renovation and Upgradation of Protection System (040)	22-Feb-15	79.95	25/02/2015 & 27/07/2015	8-Sep-15	31.05	5.1(C)	100.00	3-Nov-15	31.05	15-Dec-15	5-Jan-16	30-Mar-16
25	Himachal Pradesh	HPSEBL	Renovation and Upgradation of Protection System (049)	27-Mar-15	68.59	19/05/2015 & 03/07/2015	8-Sep-15	55.44	5.1(C)	100.00	3-Nov-15	55.44	15-Dec-15	5-Jan-16	8-Jun-16
26	Powergrid	PGCIL	Installation of STATCOMs in ER at Ranchi-New, Rourkela, Kishanganj and Jeypore substations of POWERGRID (056)	5-Jun-15	1,059.50	27-Jul-15	8-Sep-15	700.31	5.1(b)	90.00	3-Nov-15	630.28	15-Dec-15	5-Jan-16	29-Sep-16
27	Jammu & Kashmir	PDD-J&K	Renovation and Upgradation of protection system of substations in Kashmir(024)	14-Nov-14	193.03	12/19/2014	14/01/2015 & 10-06-2015	146.12	5.1 (c)	100.00	10-Feb-16	146.12	22-Feb-16	17-Mar-16	22-Apr-16
28	Karnataka	KPTCL	Renovation and Upgradation of protection system of substations (12)	26-Aug-14	77.46	04-02-2015, 25/2/2015 & 28.09.2015	17-Nov-15	67.13	5.1(C)	90.00	16-Dec-15	60.42	22-Feb-16	17-Mar-16	12-May-16
29	Delhi	DTL	Renovation and Upgradation of Protection System.(049)	24-Mar-15	125.98	19/05/2015 & 16/10/2015	17-Nov-15	125.98	5.1(c)	90.00	10-Feb-16	113.38	22-Feb-16	17-Mar-16	4-May-16
30	Uttarakhand	PTCUL	Renovation and Upgradation of Protection System.(051)	9-Apr-15	127.11	19/05/2015 & 16/10/2015	17-Nov-15	125.05	5.1(c)	100.00	14-Jan-16	125.05	22-Feb-16	17-Mar-16	8-Jun-16
31	Punjab	PSTCL	Bus bar protection (052)	16-Mar-15	18.21	6/05/2015 & 28/09/2015	17-Nov-15	18.21	5.1(c)	90.00	14-Jan-16	16.39	22-Feb-16	17-Mar-16	29-Dec-16
32	Madhya Pradesh	MPPTCL	Renovation and Upgradation of protection system of substations (28)	25-Nov-14	173	3/07/2015 & 4/11/2015	17-11-15	103	5.1(C)	90.00	14-Jan-16	92.70	22-Feb-16	17-Mar-16	22-Jun-16
33	Madhya Pradesh	MP SLDC	Implementation of Integrated system for ABT Open Access and MIS for MPLSDC (061)	1-Aug-15	4	28-Sep-15	17-Nov-15	4	5.1(c)	90.00	14-Jan-16	3.60	22-Feb-16	17-Mar-16	22-Jun-16
34	Gujarat	GETCO	Wind Generation forecasting for state of Gujarat(58)	6-Jul-15	1.62	28-Sep-15	17-Nov-15	1.62	5.1(e)	100.00	14-Jan-16	1.62	22-Feb-16	17-Mar-16	5-Dec-16
35	ERPC	ERPC	Creation and Maintenance of web based protection database management (067)	24-Sep-15	20	4-Nov-15	17-Nov-15	20	5.1(e)	100.00	14-Jan-16	20.00	22-Feb-16	17-Mar-16	26-Apr-16
36	Uttar Pradesh	UPPTCL	Renovation and Upgradation of substation equipment for relieving congestion. (027)	2-Nov-14	80	13/01/2015 & 28/09/2015	17-Nov-15	80	5.1(d)	75.00	14-Jan-16	60.00	22-Feb-16	17-Mar-16	5-Dec-16
37	Chhattisgarh	CSPTCL	Renovation and Upgradation of protection system. (039)	6-Jan-15	176.63	6/05/2015 & 16/10/2015	8-Mar-16	68.52	5.1 (c)	90.00	12-Jul-16	61.67	19-Aug-16	5-Sep-16	13-Dec-16
38	Madhya Pradesh	MPPGCL	Installation of 125MVAR Bus Reactor at SSTPP Khandwa and 50MVAR Line Reactor at SGSTPS Birsinghpur substation of MPPGCL (062)	24-Aug-15	18.85	7-Jan-16	8-Mar-16	6.21	5.1(b)	90.00	12-Jul-16	5.59	19-Aug-16	5-Sep-16	29-Dec-16
39	Telangana	TSTRANSCO	Installation of 5 nos. of 125MVAR at 400kV Mahaboobnagar, Mamidipally, Malkaram, Gajwel and Shankarpalli (059)	7-Jul-15	53.63	7-Jan-16	8-Mar-16	53.63	5.1(b)	90.00	12-Jul-16	48.27	19-Aug-16	5-Sep-16	21-Nov-16
40	Arunachal Pradesh	APPCL	Renovation and Upgradation of Protection System. (044)	24-Feb-15	33.45	06-05-2015, 7& 8-01-2016	8-Mar-16	18.21	5.1 (c)	100.00	12-Jul-16	18.21	19-Aug-16	5-Sep-16	25-Nov-16
41	Manipur	MSPCL	Renovation and Upgradation of Grid Substation of MSPCL (055)	10-Mar-15	29.82	27-07-2015, 7& 8-01-2016	8-Mar-16	33.5	5.1 (c)	100.00	12-Jul-16	33.50	19-Aug-16	5-Sep-16	-
42	Madhya Pradesh	MPPGCL	Renovation and Upgradation of protection system of substations. (029)	25-Nov-14	88.5	13/1/2015 & 03-07-15	8-Mar-16	52.34	5.1 (c)	90.00	12-Jul-16	47.11	19-Aug-16	5-Sep-16	4-Oct-16
43	Andhra Pradesh	APGENCO	Renovation and Upgradation of protection system of substations (010)	13-Aug-14	40.12	19/05/2015 & 16/10/2015	8-Mar-16	44.42	5.1 (c)	90.00	12-Jul-16	39.98	19-Aug-16	5-Sep-16	24-Nov-16
44	Andhra Pradesh	APTRANSCO	Renovation and Upgradation of protection system of substations(009)	7-Aug-14	106.32	16-Oct-15	8-Mar-16	125.27	5.1 (c)	90.00	12-Jul-16	112.74	19-Aug-16	5-Sep-16	23-Nov-16
45	West Bengal	WBPCL	The Renovation and Modernization of 220/ 132kV STPS switch yard and implementation of Substation Automation System.(072)	23-Dec-15	28.5	6-May-16	31-May-16	26.09	5.1 (c)	90.00	5-Aug-16	23.48	19-Aug-16	5-Sep-16	29-Dec-16
46	Bihar	BSPTCL	Installation of Capacitor bank in 20 Nos of Grid Sub Station (074)	1-Sep-16	24.96	6-May-16	31-May-16	20.98	5.1(b)	90.00	5-Aug-16	18.88	19-Aug-16	5-Sep-16	-
47	Haryana	HVPNL	Detailed Project Report Smart Grid Project Gurgaon City First Phase DLF Sub Station Area.(077)	1-Aug-16	1381.77	6-May-16	31-May-16	364.27	5.1(d)	75.00	5-Aug-16	273.20	19-Aug-16	2-Jan-17	-

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I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
48	Bihar	BSPTCL	Renovation and Upgradation of the protection and control system of 12nos 132/33 Grid Sub Station.	9-Jan-16	63.55	14-Jun-16	6-Sep-16	54.69	5.1 (c)	90.00	24-Nov-16	49.22	24-Nov-16	2-Jan-17	-
49	Punjab	PSTCL	Provision of second DC Source at 220KV & 132KV Grid Sub Station of PSTCL	8-Dec-15	15.31	1-Aug-16	6-Sep-16	15.3	5.1 (c)	90.00	24-Nov-16	13.77	24-Nov-16	2-Jan-17	23-Mar-17
50	SRPC	SRPC	Study programme on the Integration of Renewables Energy Resources (RES) into the Grid.	19-Jan-16	6.45	1-Aug-16	6-Sep-16	5.5	5.1 (e)	100.00	24-Nov-16	5.5	24-Nov-16	2-Jan-17	23-Jan-17
51	SRPC	SRPC	Procurement Web based management software and protection setting calculation tool	15-Feb-16	28	1-Aug-16	6-Sep-16	25.09	5.1 (e)	100.00	24-Nov-16	25.09	24-Nov-16	2-Jan-17	15-Feb-17
52	Kerala	KSEBL	Implementation of Automatic Demand Management Scheme (ADMS) at 322 Substations of KSEBL upto 33kv	29-Feb-16	6.035	1-Aug-16	6-Sep-16	5.3	5.1 (c)	90.00	24-Nov-16	4.77	24-Nov-16	2-Jan-17	21-Mar-17
53	DVC	DVC	Renovation and Upgradation of the protection and control system of Ramgarh Sub Station.	4-Apr-16	39.87	14-Jun-16	6-Sep-16	28.85	5.1 (c)	90.00	24-Nov-16	25.96	24-Nov-16	2-Jan-17	11-Apr-17
54	Tamilnadu	TANTRANSCO	Establishment of Technical and IT infrastructure for implementation of infra state ABT in Tamilnadu. (085)	23-May-16	168.1	1-Aug-16	6-Sep-16	13.31	5.1 (c)	90.00	24-Nov-16	11.98	24-Nov-16	2-Jan-17	-
55	Gujarat	GETCO	Super conducting fault current limiter (SCFCL) project (043)	24-Feb-15	48.13	17-May-16	6-Sep-16	32.37	5.1 (c)	90.00	24-Nov-16	29.13	24-Nov-16	2-Jan-17	-
56	POWERGRID	POWERGRID	Funding of BNC Agra-HVDC	21-Jun-16	5778	5-Jul-16	6-Sep-16	5778	4(3)(A)	50.00	24-Nov-16	2889.00	24-Nov-16	10-Mar-17	23-May-17
57	RECTPCL	RECTPCL	11 kv Rural Feedre monitoring (111)	29-Aug-16	233.03	26-Sep-16	28-Oct-16	233.03	5.1 (e)	100.00	24-Nov-16	233.03	24-Nov-16	10-Mar-17	30-May-17

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Schemes approved by Monitoring Committee on 10.04.2017															
58	Kerala	KSEBL	Construction of Madakkathara – Areakode 400/220kV Multi-circuit Multi-voltage transmission Line (95km) & Construction of Kizhisseri-Nallalam 220/110kV Multi-Circuit Multi Voltage transmission line. (090)	31-May-16	366	5-Aug-16	28-Oct-16	371.03	5.1 (c)	90.00	16-Feb-17	333.93	10-Apr-17	16-May-17	23-Aug-17
59	Kerala	KSEBL	Up-rating Kakkayam - Nallalam 110kV line (45km) & Upgrading Nallalam- Chevayur-Westhill-Koyilandy110kV Single Circuit line in to Double Circuit line.(96)	31-May-16	81.6	5-Aug-16	28-Oct-16	89.03	5.1 (d)	75.00	5-May-17	66.85	10-Apr-17	16-May-17	23-Aug-17
60	DVC	DVC	Renovation and Modernization of control and protection system and replacement of equipment at Parulia, Durgapur, Kalyanewari, Giridhi Jamsedpur, Barjora, Burnpur, Dhanbad and Bundwan substation. (106)	8-Aug-16	191.31	28-Sep-16	28-Oct-16	160.79	5.1 (c)	90.00	16-Feb-17	144.71	10-Apr-17	16-May-17	21-Jun-17
61	Tamilnadu	TANTRANSO	Renovation and Modernisation of Protection System of 400kV, 230kV & 110kV hydro Generating Stations. (084)	18-May-16	217.69	5-Jul-16	28-Oct-16	186.09	5.1 (c)	90.00	16-Feb-17	167.48	10-Apr-17	16-May-17	
62	Telangana	TSPGCL	Renovation and Upgradation of protection system of substations (014)	1-Sep-14	32.86	14-Sep-16	28-Oct-16	7.27	5.1 (c)	90.00	16-Feb-17	6.54	10-Apr-17	16-May-17	11-Jul-17
63	NERPC	NERPC	Study programme on the Integration of Renewables Energy Resources (RES) into the Grid. (116)	30-Sep-16	8	19-Oct-16	28-Oct-16	6.5	5.1 (e)	100.00	16-Feb-17	6.5	10-Apr-17	16-May-17	1-Jun-17
64	West Bengal	WBPDCL	Implementation of Islanding scheme at Bandel Thermal Power Station. (097)	27-Jun-16	1.64	28-Sep-16	28-Oct-16	1.54	5.1 (c)	90.00	5-May-17	1.39	10-Apr-17	16-May-17	10-Aug-17
65	Maharashtra	MSETCL	Replacement of existing 0.15 ACSR wolf conductor of 132kV Balapur-Patur-Malegoan corridor by High Ampacity Conductor. (098)	1-Jul-16	51.25	16-Feb-17	10-Mar-17	46.15	5.1(d)	75.00	5-May-17	34.61	10-Apr-17	5/16/2017 combined sanction order	
66	Maharashtra	MSETCL	Replacement of existing 0.2 ACSR wolf conductor of 132kV Khapri-Besa (Nagpur Ring Main Line) High Ampacity Conductor. (099)	1-Jul-16		16-Feb-17	10-Mar-17		5.1(d)						
67	Maharashtra	MSETCL	Installation of Shunt Bus Reactors at 400KV Solapur, 400 KV Kolhapur and 400kV Karad substations. (100)	18-Jul-16	129.33	16-Feb-17	10-Mar-17	103.38	5.1(b)	90.00	5-May-17	93.04	10-Apr-17	Conditional approval, subject to clearance by SEPSP of WR.	
68	Maharashtra	MSETCL	Installation of Shunt Bus Reactors at 400KV Akola, 400 KV Bhusawal-II and 400kV Nanded substations. (101)	18-Jul-16		16-Feb-17	10-Mar-17		5.1(b)						
69	Maharashtra	MSETCL	Installation of Shunt Bus Reactors at 400KV Koradi, 400 KV Khaparkheda and 400kV Chandrapur-II substations. (102)	18-Jul-16		16-Feb-17	10-Mar-17		5.1(b)						
70	Maharashtra	MSETCL	Installation of Shunt Bus Reactors at 400KV Lonikand-II, 400 KV Chakan and 400kV Kudus substations. (103)	18-Jul-16		16-Feb-17	10-Mar-17		5.1(b)						
71	Maharashtra	MSETCL	75 Nos. RTUs for 132 kv Substations in Maharashtra (104)	18-Jul-16	32.04	16-Feb-17	10-Mar-17	25.65	5.1(c)	30.00	5-May-17	7.70	10-Apr-17	16-May-17	
72	Maharashtra	MSETCL	30 Nos. of Data Concentrators in MSETCL networks. (114)	19-Aug-16	13.12	16-Feb-17	10-Mar-17	10.41	5.1(c)	90.00	5-May-17	9.37	10-Apr-17	16-May-17	
73	Uttar Pradesh	UPPTCL	Replacement of existing ACSR conductor by HTLS conductor for relieving cogestion. (089)	23-May-16	63.31	16-Feb-17	10-Mar-17	63.31	5.1(d)	75.00	5-May-17	47.48	10-Apr-17	16-May-17	27-Jul-17

Status as on 23.08.2017

## Schemes approved under PSDF

Sl.No	Name of State/Entity	Name of Entity	Name of Scheme and Unique ID No	Date of Submission of Scheme by Entity	Estimated cost by entity	Date of Techno-Economic clearance	Date of Recommendation by Appraisal Committee	Project Cost accepted by Appraisal Committee.	Category of Funding	Quantum of Funding Recommended by Appraisal Committee	Date of Concurrence by CERC.	Grant Approved by Monitoring Committee	Date of Approval by Monitoring Committee.	Date of Issuance of sanction order by MoP	Date of Signing of Agreement
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI
74	Chattisgarh	CSPTCL	Implementation of Automatic Demand Management Scheme (ADMS) in the Chhattisgarh State. (112)	29-Aug-16	5.68	16-Feb-17	10-Mar-17	5.03	5.1(c)	90.00	5-May-17	4.53	10-Apr-17	16-May-17	
<b>Schemes approved by Monitoring Committee on 01.05.2017</b>															
75	Gujarat	PGVCL	Installation of capacitor banks for reactive power compensation system on 11kV feeders.	10-Nov-16	82.85	19-Jan-17	17-Apr-17	63.32	5.1 (b)	90.00	15-May-17	56.99	1-May-17	22-May-17	
76	Gujarat	MGVCL	Installation of capacitor banks for reactive power compensation system on 11kV feeders.	5-Mar-15	37.15	11/4/2015 & 8.1.2016	17-Apr-17	28.39	5.1 (b)	90.00	15-May-17	25.55	1-May-17	22-May-17	
77	Gujarat	UGVCL	Installation of capacitor banks for reactive power compensation system on 11kV feeders.	9-Mar-15	54.80	8-Jan-16	17-Apr-17	37.51	5.1 (b)	90.00	15-May-17	33.76	1-May-17	22-May-17	
78	Gujarat	DGVCL	Installation of capacitor banks for reactive power compensation system on 11kV feeders.	10-Dec-15	21.73	8-Jan-16	17-Apr-17	15.77	5.1 (b)	90.00	15-May-17	14.19	1-May-17	22-May-17	
79	Maharashtra	MESTCL	Installation of Capacitor Banks at HV & EHV level at various EHV subatations under Nashik & Pune zones in MSETCL. (086)	20-May-16	19.49	19.01.2017	17-Apr-17	15.72	5.1 (b)	90.00	15-May-17	14.15	1-May-17	22-May-17	
80	Maharashtra	MSETCL	Implementation of ADMS scheme on 33/11kV feeders in Maharashtra. (113)	19-Aug-16	43.73	31-Mar-17	17-Apr-17	32.58	5.1(c)	90.00	15-May-17	29.32	1-May-17	22-May-17	
81	West Bengal	WBSETCL	Installation of switchable reactor & shunt capacitor to voltage improvement. (088)	3-Feb-16	48.45	8-Jan-16	17-Apr-17	48.19	5.1 (b)	90.00	15-May-17	43.37	1-May-17	22-May-17	10-Aug-17
82	West Bengal	WBSETCL	Renovation & Modernisaation of Transmission System for relieving congestion in intra-state transmission system by capacity enhancement of existing network . (087)	3-Feb-2016	72.65	31-Mar-17	17-Apr-17	93.51	5.1(d)	75.00	15-May-17	70.13	1-May-17	22-May-17	10-Aug-17
83	Manipur	Manipur SLDC	33kV system Integration with SLDC system in manipur. (093)	16-May-17	77.01	31-Mar-17	17-Apr-17	13.37	5.1(c)	100.00	15-May-17	13.37	1-May-17	22-May-17	
84	Odisha	OHPCL	Renovation and Upgradation of protection and control system of OHPC.	23-Aug-16	38.93	31-Mar-17	17-Apr-17	24.83	5.1(c)	90.00	15-May-17	22.35	1-May-17	22-May-17	
85	Rajasthan	RRVNL	" Smart Transmission Operation Management System (STOMS) " in Rajasthan Power System. (110)	29-Aug-16	29.95	31-Mar-17	17-Apr-17	13.18	5.1(c)	90.00	15-May-17	11.86	1-May-17	19-May-17	
86	Rajasthan	RRVNL	Communication Backbone "Smart Transmission Network & Asset Management System " Part-B (136)	20-Feb-17	586.87	31-Mar-17	17-Apr-17	569.77	5.1(e)	50.00	15-May-17	284.89	1-May-17	22-May-17	
87	Telangana	TSTRANSCO	Relieving of Transmission Congestion of existing Overloaded 220kV Lines in Hyderabad city. (119)	31-Oct-16	107.40	31-Mar-17	17-Apr-17	78.84	5.1(d)	75.00	15-May-17	59.13	1-May-17	22-May-17	27-Jun-17
88	Madhya Pradesh	MPPGCL	Installation of : 50 MVAR Line Reactor at 400kV substation at Sarni, Dist. Betul. (123)	14-Dec-16	7.45	31-Mar-17	17-Apr-17	7.45	5.1(b)	60.00	15-May-17	6.71	1-May-17	22-May-17	
89	Andhra Pradesh	APTRANSCO	Project on providing of Reliable communication and Data acquisition system upto 132kV SS. (127)	30-Jan-17	383.22	31-Mar-17	17-Apr-17	284.96	5.1(c)	50.00	15-May-17	142.48	1-May-17	23-May-17	24-Aug-17
90	POWERGRID	POWERGRID (075)	Installation of STATCOM in SR region at Hyderabad, Udumalpet & Trichy substations of Powergrid.	7-Jan-16	472.55	5-May-16	17-Apr-17	472.55	5.1(b)	80.00	15-May-17	378.04	1-May-17	22-May-17	
<b>Total</b>					<b>16,304.96</b>			<b>13,375.59</b>				<b>9,398.35</b>			

**Status of Schemes Submitted by the Entities for funding from PSDF**

Status as on 23.08.2017												
Format D2: Schemes Recommended by Appraisal Committee												
All figures in Rs Crore												
Sl. No.	Name of State/Entity	Name of Entity	Name of Scheme and Unique ID No	Date of Submission of Scheme by Entity	Estimated cost by entity (Rs. Crore)	Date of Techno-Economic clearance	Date of Recommendation by Appraisal Committee	Project cost accepted by Appraisal Committee. (in Rs Crore)	Category of Funding.	Quantum of Funding recommended by Appraisal	Date of submission to CERC.	Date of Concurrence by CERC.
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XIII	XIV
1	POWERGRID	POWERGRID (076)	Provision of Statcom at Nalagarh & Lucknow in Northern Region	7-Jan-16	367.7	5-May-16	31-May-16	367.70		90.00	Assesment report of NRPC awaited	
<b>Total</b>					<b>367.7</b>			<b>367.70</b>				

**Scheme Approved by Appraisal Committee**

1	BBMB	BBMB(038)	Renovation and Upgradation of protection system of substations. (038)	6-Jan-15	28.48	04-11-2015, 7&8-01-2016	8-Mar-16	25.86	5.1 (c)	90.00	8-Dec-16	15-May-17
2	Telangana	TSTRANSCO	Implementation of OPGW based reliable communication at 132 kv and above substations	14-Mar-17	185.23	21-Jun-17	4-Jul-17	159.63	5.1(c)	50	31-Jul-17	
3	Rajasthan	RRVPLN	Real Time Data Acquisition System for Monitoring & Control of Transmission Grid under STNAMS (PART A-1)	26-Apr-17	191.72	21-Jun-17	4-Jul-17	185.19	5.1(c)	50	31-Jul-17	
4	Kerala	KSEBL	Renovation & Up gradation of Various 220 kv switchyard Equipment	25-Jan-17	61.37	21-Jun-17	4-Jul-17	22.42	5.1(c)	90	31-Jul-17	
5	ERPC	ERPC	Study Programme on power trading at NORD POOL Academy for Power System Engineers of Eastern Region	5-Dec-16	6.2	21-Jun-17	4-Jul-17	5.04	5.1(e)	100	31-Jul-17	
6	ERPC	ERPC	Traning Program for Power system Engineers of various constituents of Eastern Region	29-Sep-16	1.01	21-Jun-17	4-Jul-17	0.61	5.1(e)	100	31-Jul-17	
7	Odisha	OPTCL	Implementation of OPGW based reliable communication at 132 kv and above substations	9-Feb-17	80.62	21-Jun-17	4-Jul-17	51.22	5.1(c)	50	31-Jul-17	
8	Uttrakhand	PTCUL	Implementation of OPGW based reliable communication at 132 kv and above substations	10-Feb-17	43.39	21-Jun-17	4-Jul-17	37.46	5.1(c)	50	31-Jul-17	
9	Kerala	KSEBL	Implementation of OPGW based reliable communication at 132 kv and above substations	16-Mar-17	212.45	21-Jun-17	4-Jul-17	147.52	5.1(c)	50	31-Jul-17	
10	Gujrat	GETCO	Implementation of OPGW based reliable communication at 132 kv and above substations	27-Mar-17	576.64	21-Jun-17	4-Jul-17	507.89	5.1(c)	50	31-Jul-17	
11	Tamilnadu	TSTRANSCO	Implementation of OPGW based reliable communication at 132 kv and above substations	24-Apr-17	374.42	21-Jun-17	4-Jul-17	310.96	5.1(c)	50	31-Jul-17	
12	Manipur	MSPCL	Implementation of OPGW based reliable communication at 132 kv and above substations	26-Apr-17	11.36	21-Jun-17	4-Jul-17	8.15	5.1(c)	50	31-Jul-17	
13	Jharkhand	JUSNL	Renovation & Upgradation of protection system of Jharkhnad.	5-Jun-17	186.31	21-Jun-17	4-Jul-17	153.48	5.1(c)	90	31-Jul-17	

**2326.9**

**1983.13**

POWER SYSTEM DEVELOPMENT FUND(PSDF)								
Status of Schemes Submitted by the Entities for funding from PSDF								
Status as on 23.08.2017							All figures in Rs Crore	
Format D3(1) - Schemes under approved: Appraisal Committee								
Sl. No	Name of State/Entity	Name of Entity & unique ID	Name of scheme and unique ID number	Date of Submission of Scheme by the entity	Estimated cost by entity (Rs. Crore)	Date of techno economic examination	Delibration date by appraisal committee	Status
I	II	III	IV		VI	VII	VIII	IX
Total:					0			



POWER SYSTEM DEVELOPMENT FUND(PSDF)								
Status of Schemes Submitted by the Entities for funding from PSDF								
Status as on 23.08.2017								All figures in Rs
Format D3(2)- Schemes for Installation of capacitors								
Sl. No	Name of State/Entity	Name of Entity & unique ID	Date of Submission of Scheme by the entity	Name of Scheme	Estimated cost by entity (Rs. Crore)	Date of techno economic examination	Deliberation date by appraisal committee	Status
I	II	III	IV	V	VI	VII	VIII	IX
1	Mizoram	Dop, Mizoram	16-Mar-17	Installation of Reactive Power Solution at 132kv Substation in Mizoram	16.88	6/21/2017		The proposals reviewed by Appraisal Committee in 17th meeting held on 04.07.2017. Proposals on hold. Shall be considered when sufficient funds are available.
2	Punjab	PSTCL (60)	24-Jun-15	Installation of 35 nos.,66kV 10.86MVAR HT shunt capacitor at various 220kV substations(60)	8.35	11/4/2015 & 8.1.2016		
3	Haryana	HVPNL(65)	21-Sep-15	To improve the voltage profile in the Grid by compensating reactive power. (065)	37.25	8-Jan-16		
4	Uttar Pradesh	MVVNL (068)	17-Oct-15	Installation of 11kV Auto switched capacitor bank at various 33/11kV substation(68)	294.25	8-Jan-16		
5	PDD J&K	PDD J&K(033)	18-Dec-14	Capacitors at 132/33 kV substations , existing and upcoming (033)	223.88	13/1/2015& 8.1.2016		
6	Rajasthan	RRVNL	5-Aug-16	Installation of 33KV Shunt Capacitor banks in Rajasthan Power System. (105)	29.30	13/1/2015& 8.1.2016		
7	Maharashtra	MSETCL	14-Feb-17	Installation of Capacitor Banks at HV & EHV level at various EHV subatations under Parli Circle, Aurangabad Zone & Akola Circle, Amravati zones in MSETCL. (130)	18.08	21-Jun-17		
8	Uttar Pradesh	DVVNL (UP)	10-Nov-16	Provision of 11kV Auto Switched Capacitor Bank at various 33/11 kV substation. (120)	374.97			
9	Telangana	TSTRANSCO	2-Jun-16	Installation & Commissioning of Capacitors Banks at EHT Substations in TSTRANSCO(092)	39.87			
10	Telangana	TSTRANSCO	14-Feb-17	Installation and Commissioning of 247 Nos. shunt capacitor banks at various 33/11kV sub-stations of Southern Power Distribution Company of Telangana Ltd. (TSSPDCL) (131)	28.13			

11	Uttar Pradesh	PVVNL (UP)	2-Jun-2017	Provision of 11kV Auto Switched Capacitor Bank at various 33/11 kV substation of Meerat. (159)	538.00			Under Examination by NLDC
12	Uttar Pradesh	PuVVNL (UP)	5-Jun-2017	Provision of 11kV Auto Switched Capacitor Bank at various 33/11 kV substation of Varanasi. (160)	536.50			
13	Uttar Pradesh	PVVNL (UP)	20-Jul-2017	Provision of 11kV Auto Switched Capacitor Bank at various 33/11 kV substation of Meerat. (168)	179.40			
14	Uttar Pradesh	DVVNL (UP)	21-Jul-2017	Provision of 11kV Auto Switched Capacitor Bank at various 33/11 kV substation . (169)	161.20			
15	Uttar Pradesh	PuVVNL (UP)	21-Jul-2017	Provision of 11KV Auto Switched capacitor bank at various 33/11 KV Substation.(170)	237.90			
16	Uttar Pradesh	MVVNL (UP)	26-Jul-2017	Provision of 11kV Auto Switched capacitor bank at various 33/11kV substation. (171)	158.17			
17	Maharashtra	MSETCL	9-Aug-2017	Installation of Capacitor Banks at HV level at various EHV subatations under Aurangabad, Amravati, Karad, Nasik, Nagpurand Pune zone in MSETCL. (175)	79.32			
<b>Total</b>					<b>2,961.45</b>			

POWER SYSTEM DEVELOPMENT FUND(PSDF)						
Status of Schemes Submitted by the Entities for funding from PSDF						
Status as on 23.08.2017				All figures in Rs Crore		
Format D4/1- Schemes under process of approval: Examined by the sub group						
Sl. No.	Name of State/Entity	Name of Entity & unique ID	Date of Submission of Scheme by the	Name of Scheme	Estimated cost by entity ( Rs. Crore)	Status
I	II	III	IV	V	VI	VII
1	NIWE	NIWE	22-Jun-16	Extending of forecast service to the 7 states in India using NIWE/Vortex forecast system	5.17	Examined by the sub group in May16. NIWE has been advised to sign a MoU with any one of the state entity, Feedback awaited.
2	Chattisgarh	CSPTCL	25-Jan-17	Enhancement and up-gradation of communication network of CSPTCL for reliable communication of data and speech from EHV substation to main and backup SLDC of Chhattisgarh using OPGW. (125)	68.37	Scheme examined on 31st sub group meeting held on 31-03-17 & again examined in 32nd sub group meetin held on 11.05.2017. The revised cost estimate is Rs. 209.78 Crore & shall be put up to Appraisal Committee.
3	Punjab	PSTCL	14-Mar-17	Reliable Communication and data Acquisition System upto 132kV Substation in Punjab. (138)	67.92	Scheme examined in 32nd sub group meetin held on 11.05.2017. The entity was asked to submit the the revised under taking, BOD approval and network topology. Inputs awaited.
4	Madhya Pradesh	MPPTCL	6-Apr-2017	Detailed Project report for OPGW based Reliable Communication Scheme for substation at 132kv & above of Madhya Pradesh. (144)	506.51	Scheme examined in 32nd sub group meetin held on 11.05.2017. The entity was asked to submit the the BOD approval and network topology. Inputs awaited.
5	Karnataka	KPTCL	6-Apr-2017	Repleacement of the existing Ground wire by Optical Reliable Communication to 220kV, 400kV and Generating stations for Voice data (SCADA & PMU) and Protection in Karnataka State. (149)	292.88	Scheme examined in 32nd sub group meetin held on 11.05.2017. The entity was asked to submit the the BOD approval . Inputs awaited.
6	Himachal Pradesh	HPSEBL	23-Feb-17	Monitoring of real-time-data at SLDC / ALDC, Shimla to regulate the power flow of HP Grid by prociding od communication equipment and Remort Terminal Units at identified locations. (135)	10.77	Scheme examined in 32nd sub group meetin held on 12.05.2017. The entity was asked to submit the the BOD approval along with other required inputs . Inputs awaited.
7	Maharashtra	MSETCL	18-Jan-17	Repleacement of existing 0.2 Pantheer conductor of 132kV <b>Part I:</b> Babhaleshwar- Sangamner SCSC and 132kV Ahmednagar- Ahemedanagar MIDC lines under EHV O&M Division Babhaleshwar by High Ampacity Conductor. <b>Part-II:</b> Jalna MIDC and Jalna-Jalna (old) lines emanating form 220kV Jalna substation under EHV O&M Circle, Aurangabad under Aurangabad Zone. (124)	47.29	Scheme examined in 32nd sub group meetin held on 12.05.2017. The entity was asked to submit combined scheme considering the entire reconductoring. Inputs awaited.
8	Nagaland	DOP, Nagaland	23-Feb-17	Insatallation of Automatic Reactive power Solution at 66/33kV, 66/11kV & 33/11kV Substations. (133)	27.47	Scheme examined in 32nd sub group meetin held on 12.05.2017. The entity was asked to submit undertaking and other required documents. Inputs awaited.
9	Himachal Pradesh	HPSEBL	23-Feb-17	Strengthening of Transmission System incidenatls to Inter-State-Transmission System in the State of HP (134)	106.26	Scheme examined in 32nd sub group meetin held on 12.05.2017. The entity was asked to submit study report, tower healthiness report and other required documents. Inputs awaited.
10	Manipur	MSPCL	16-Mar-17	Implementation of Automatic Demand Management Scheme (ADMS) Pilot Projects at Three Power Substation in Manipur(140)	6.55	Scheme examined in 32nd sub group meetin held on 12.05.2017. The entity was asked to submit clarification. Inputs awaited.

POWER SYSTEM DEVELOPMENT FUND(PSDF)						
Status of Schemes Submitted by the Entities for funding from PSDF						
Status as on 23.08.2017				All figures in Rs Crore		
Format D4/1- Schemes under process of approval: Examined by the sub group						
Sl. No.	Name of State/Entity	Name of Entity & unique ID	Date of Submission of Scheme by the	Name of Scheme	Estimated cost by entity ( Rs. Crore)	Status
I	II	III	IV	V	VI	VII
11	Central	ERPC	29-Sep-16	Study programme on the Integration of Renewables Energy Resources (RES) into the Grid. (0116)	5.20	Scheme examined in 28th sub group meeting held on 14.12.2016 & 31.03.2017. The entity has submitted the revised proposal.
12	Uttar Pradesh	UPPTCL	16-Sep-16	Implementation of Reliable Communication and data acquisition system for OFC connectivity up to 132kV sub Stations of Uttar Pradesh Power Transmission Corporation Ltd. (115)	330.00	Scheme was discussed in the meeting held on 19.10.2016. Examined on 31-03-2017. The entity has sought time for submission of revised proposal.
13	Rajasthan	RRVPLN	26-Apr-17	Renewable Energy Integration - Reactive Compensation Elements / Equipments for Reactive Power Management and Voltage Control of Transmission Grid under Smart Transmission Network and Asset Management System (Part-A2) in Rajasthan Power System. (154)	488.19	Scheme examined in 30th sub group meeting held on 30-03-17. The schme was examined on 12.05.2017.Inputs sought by sub group awaited.
14	Arunachal Pradesh	DoP, Arunachal Pradesh	6-Apr-2017	Implementation of Automatic Demand Management System (ADMS) to integrate33/11kV System with Arunachal Pradesh SLDC. (146)	4.99	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017. Shall be further examined by the sub group after interaction with the consultant who have assisted in preparing the DPRs.
15	Andhra Pradesh	APTRANSCO	6-Apr-2017	Project on Scheduling, accounting, Meeting and Settlement of Transmission in Electricity (SAMART) IN Transmission Corporation of Andhra Pradesh (147)	52.72	Scheme Examined on the Techno Economic Subgroup Meeting Dated 21-06-2017
16	Nagaland	DOP, Nagaland	6-Apr-2017	33/11kV System integration with SLDC System in Nagaland. (145)	5.09	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017. Shall be further examined by the sub group after interaction with the consultant who have assisted in preparing the DPRs.
17	Mizoram	Department of Power-Mizoram	6-Apr-2017	33/11kV System integration with SLDC System Automatic Demand Management Scheme (ADMS) in Mizoram. (148)	5.40	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017. Shall be further examined by the sub group after interaction with the consultant who have assisted in preparing the DPRs.
18	Harayana	DHBVN	11-Apr-2017	Scheme of DHBVN for Renovation and Modernization of distribution system approved for PSDF funding (Smart Grid Project Gurugram Sector 1 To 57) (150)	1608.00	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017. Inputs sought by the sub group such as support data and study reports for justifying removal of congestion sought from the entity. Inputs awaited.
19	West Bengal	WBESTCL	26-Apr-2017	Renovation and Modernization of switchyard and related protection system of different power stations (BTPS, BKTPS and KTPS) of WBPDCL (155)	110.50	Scheme Examined on the Techno Economic Subgroup meetings held on 21-06-2017. Clarification furnished by mail on 07.07.2017. Shall be further examined.
20	Assam	APDCL	8-May-2017	33/11kV System Integration with SLDC System in Assam. (156)	5.00	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017. Shall be further examined by the sub group after interaction with the consultant who have assisted in preparing the DPRs.
21	Punjab	PSTCL	29-May-2017	Provision of Bus Reactors at 400kV Grid Substations of PSTCL. (158)	52.00	Scheme Examined by the Techno Economic Subgroup in its 33rd Meeting held on 21-06-2017.Recommendation of SCPSD and other certain inputs sought.Inputs awaited.
22	Gujarat	GETCO	6-Jun-2017	Purchase, testing and commissioning various schemes under renovation & modernizarion Scheme of Gujarat. (162)	40.79	Scheme Examined by the Techno Economic Subgroup in 33rd Meeting held on 21-06-2017.Inputs sought by the sub group such as protection audit report of WRPC, STU & approval of Board. Inputs awaited.
<b>Total</b>					<b>3847.07</b>	

<b>POWER SYSTEM DEVELOPMENT FUND(PSDF)</b>						
<b>Status of Schemes Submitted by the Entities for funding from PSDF</b>						
<b>Status as on 21.08.2017</b>				<b>All figures in Rs Crore</b>		
<b>Format D4/2- Schemes under process of approval: Schemes received recently</b>						
<b>Sl. No.</b>	<b>Name of State/Entity</b>	<b>Name of Entity &amp;</b>	<b>Date of Submission of Scheme by the</b>	<b>Name of Scheme</b>	<b>Estimated cost by entity</b>	<b>Status</b>
<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>	<b>VI</b>	<b>VII</b>
1	Telangana	TSSPDCL	15-May-2017	PSDF for Installation of Smart Meter in TSSPDCL. (157)	1266.57	
2	Tripura	TSECL	23-Jun-2017	Renovation, Modernization and up-gradation of 3 *5 MW Gomati Hydro Electric Project of Tripura. (163)	100.01	
3	Tamilnadu	TANTRANSCO	27-Jun-2017	Re-Conductring of existing of 11 and 230kV ACSR conductors with High Temprature Low Sag (HTLS) cinductores in Channai. (164)	122.36	
4	Meghalaya	MePGCL	27-Jun-2017	Reliable Communication & Data Acquisition System upto 132kV.(165)	19.73	
5	Meghalaya	MePDCL	10-Jul-2017	33/11kV System integration with SLDC system in Meghalaya. (166)	2.02	
6	Madhya Pradesh	MPPTCL	9-Jul-2017	Installation of 125MVAR Bus Reactor at 400kV Switchyard Sanjay Gandhi TPS, at Substations at Birsinghpur under PSDF. (167)	10.45	
7	Sikkim	Sikkim	9-Aug-2017	Renovation & Upgradation of Protection System of ENPD, Sikkim. (172)	68.95	
8	Sikkim	Sikkim	9-Aug-2017	Drawing of optical ground wire (OPGW) cables on existing 132kV & 66kV transmission lines and integration of leftover substations with State Load Despatch Centre, Sikkim. (173)	25.36	
9	Madhya Pradesh	MPPGCL	9-Aug-2017	Installation of 125MVAR Bus Reactor at 400kV Switchyard at Shree Singaji TTP Stage-II, Dist: Khandwa. (174)	11.56	
10	Rajasthan	RRVPNL	16-Aug-2017	Up-rating and refurbishment of existing 132kV lines using HTLS Conductor with associated works in Jaipur EHV Network. (176)	20.19	
11	Jharkhand	JUSNL	23-Aug-2017	Reliable Communication & Data Acquisition System upto 132kV Substaions ER (177)	102.31	
12	Arunachal Pradesh	DoP, Arunachal Pradesh	28-Aug-2017	Reliable Communication & data acquisition system upto 220kV System in Arunachal Pradesh. (178)	22.04	
13	Odisha	OPTCL	28-Aug-2017	Installation of 125 MVAR Bus Reactor along with construction of associated bay each at 400kV Grid S/S of Mebdhasal, Meramundali & New Duburi for VAR control & stabilisation of system voltage. (179)	31.94	
14	Puducherry	Electricity Dept., Govt. of	28-Aug-2017	Project on providing of Reliable Communication & Data Acquisition system upto 132kV SS. (180)	15.01	
					<b>1818.50</b>	

Power System Development Fund ( PSDF)					
Format D5: Status of Schemes not eligible for funding from PSDF					
Status as on 23.08.2017			All figures in Rs Crore		
Sl. No.	Name of State/ Central	Name of Entity & unique ID	Name of Scheme and unique ID	Estimated cost by entity (Rs.)	Remarks
1	Rajasthan	RRVPL(04)	New 220 KV GIS substation at Chambal(04)	234.22	Proposal for new sub stations, replacing the bushings of the transformers by resin impregnated bushings and the replacement of the isolators by motorized isolators not considered for funding from PSDF. After communication of these observations to the entity through email dated 26.8.2014, the entity had submitted a revised scheme for renovation and upgradation of the protection system from Rs 507.22 crore to Rs 159.53 crore.
2	Rajasthan	RRVPL(06)	New 220 KV GIS substation at Jawahar nagar(06)	193.77	schemes for creation of new sub stations do not fulfill the criteria prescribed in the guidelines for funding from PSDF.
3	Uttar Pradesh	UPPTCL (019)	Installation of Capacitors and FSC;renovation and modernisation of substations for relieving congestion;renovation and modernisation of protection system of substations. (019)	2741.01	construction of new sub stations at a cost of Rs 2200 Crore being the business as usual, did not fall under the categories eligible for funding from PSDF. Regarding other schemes, the entity was asked to submit the schemes as per the formats given in the guidelines.The entity had submitted three schemes at an estimated cost of Rs 666.28 crore
4	CPSU	NTPC(022)		98.95	The scheme was deliberated by the appraisal committee in the meeting held on 25.11.2014. Since the scheme did not fulfil the criteria for funding, entity informed accordingly through letter dated 1.12.2014. On a request from ERPC, the matter again deliberated in the Appraisal Committee on 14.1.2015. It was felt that with the fast expanding network, the requirement of bus splitting could be there at many of the stations in the country. Therefore, the committee opined that such schemes might be taken up by the entities from their own resources.
5	Gujarat	GETCO	Energy Accounting and Scheduling Software(036)	8.18	The schemes already under execution and part payment also made. After deliberation in the appraisal committee , the issue was taken up in the Monitoring Committee. As decided in the Monitoring Committee, for the schemes to be funded from PSDF, the LOAs should be placed only after approval of the scheme by the Monitoring Committee.
6	Gujarat	GETCO	Wide Area Monitoring System(037)	13.17	
7	Madhya Pradesh	MPPTCL	Implementation of Transmission SCADA system in Madhya Pradesh (45)	81	The scheme was under execution. Deliberated in Appraisal committee meeting held on 08/09/2015 and schemes are not considered eligible for funding.
8	Madhya Pradesh	MPPTCL	Automatic Demand Management Scheme(46)	10	
9	Punjab	PSPCL(30)	Renovation and Upgradation of protection system of substations. (030)	582.37	Scheme examined by the sub group on 6.5.2015. Vide letter dated 21.5.2015, entity asked to submit the DPR as per the format along with study report of NRPC and SLDC regarding congestion and likely relief in congestion after implementation of the scheme.No inputs furnished by the entity. Scheme deemed returned.
10	West Bengal	WBSETCL (041)	Renovation and Upgradation of substation equipment for akensti congestion. (041)	1211.43	Scheme examined by the sub group on 6.5.2015. Vide aken dated 21.5.2015, entity asked to submit the DPR as per the format alongwith study report of ERPC and SLDC regarding congestion and likely relief in congestion after implementation of the scheme.

Power System Development Fund ( PSDF)					
Format D5: Status of Schemes not eligible for funding from PSDF					
Status as on 23.08.2017			All figures in Rs Crore		
Sl. No.	Name of State/ Central	Name of Entity & unique ID	Name of Scheme and unique ID	Estimated cost by entity (Rs.)	Remarks
11	Madhya Pradesh	MPPTCL(31)	Replacement of Earth Wire with OPGW (031)	320.00	Examined by the techno-economic subgroup on 3.7.2015, entity asked to submit composite revised DPR for the state. Scheme was withdrawn.
12	Haryana	HVPNL(66)	220 kV GIS substations sec-58, Faridabad on turnkey basis with installed capacity of 220/66 kV, 2x160 MVA +66/11 kV, 2x25/31.5 & 11/0.4 kV, 2x200 kVA Power T/Fs (066)	85.23	Deliberated by the Appraisal committee on 08-03-2016. Construction of new sub stations being the business as usual, scheme not considered for funding.
13	Mizoram	Power and Electricity Department, Mizoram (069)	For strengthening of Communication network to ensure grid security in Mizoram (069)	30.32	The scheme was deliberated by the appraisal committee. It was observed that a comprehensive communication scheme was being implemented by POWERGRID upto 33kV level for NER. Mizoram could take up the the matter with CEA and POWERGRID for consideration of the additional requirement.
14	Odisha	OPTCL(082)	providing reliable, efficient voice and data communication at 33kV s/s of Odisha.	336.00	The schemes for communication system beibg plannned seperately at all india level in an integrated nmanner. At this stage not copnsidered for fundinmg.
15	Punjab	PSTCL (013)	installation of Islanding scheme (013)	4.5	No inputs provided by the entity therefore scheme deemed returned.
16	Gujarat	GETCO(63)	Establishment of interoperability among process bus compatible IEDs of Different OEMs (063)	0.8	Scheme withdrawn by the entity
17	DVC	DVC(091)	Renovation and Upgradation of control and protection system and replcement of substation Equipment of 220KV/132KV/33KV Parulia. (091)	44.67	DVC was submitting individual scheme for each substations. So they have adviced to come with a consolidated scheme.
18	Gujarat	GETCO	Numerical Bus Bar Protection schemes at various 400/200kV class Substation (083)	11.47	Order of the scheme has been already placed. Therefore the scheme is not eligible for funding.
19	Hararyana	HVPNL	Capacity building and upgrading infraastructure HPTI madanpur and setting up of the State of art Transfer Oil Testing laboratory at HPTI (064)	13.59	This scheme has been examined on 05.05.2016. No inputs furnished by the entity. Scheme deemed returned.
20	Kerala	KSEBL	Renovation and Upgradation of Protection System of 220kV switchward of Sabarigiri HEP (108)	0.96	Entity withdrawn this scheme.
21	Andhra Pradesh	APTRANSCO	Procurement of 3rd Emergency Restoration System (ERS) in the state of Andhra Pradesh (132)	17.51	Appraisal Committee was of the view that procurement of ERS by the entities was business as usual. It was decided the athr proposal shall not be considered for PSDF funding and may be deemed as returned.
22	Meghalaya	MePGCL	Renovation Modernisation and Upgradation of 2x30MW Umain Stage III Hydrolectic Power Plant in Meghalaya. (142)	348.11	The proposal is not covered under the criteria given in the Category of projects eligible for funding as per clause 5 of the guidelines
23	Rajasthan	RRVNL(107)	" Smart Transmission Network and Asset Management system (STNAM5) in Rajayasthan Power System." (107)	534.19	Entity withdrawn this scheme and New Scheme No 154 & 155
<b>Total</b>				<b>6921.45</b>	