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Annexure- A

Letter to Hon'ble MERC Dated 28.05.2019

The Brihan Mumbai Electric Supply & Transport Undertaking

(OF THE BRIHAN MUMBAI MAHANAGARPALIKA)

o/c

112/116

TELEPHONE : (022) 22856262
FAX : (022) 22851244

BEST BHAVAN,
BEST MARG,
POST BOX NO. 192.
MUMBAI - 400 001.

ADDRESS ALL COMMUNICATION BY TITLE
NOT BY NAME

OUR REF. : CER/MERC/ 37 /2019

DATE : 28 MAY 2019

Secretary (MERC)
Maharashtra Electricity Regulatory Commission
13th Floor, Centre No. 1, World Trade Centre
Cuffe Parade, Colaba, Mumbai-400 005.

Sub: Discrepancies in Hon'ble Commission's Order in the matter of verification and compliance of Renewable Purchase Obligation targets of BEST for FY 2017-18

Ref: Hon'ble Commission's Order dated 02.04.2019 in Case No. 37 of 2019

Sir,

Hon'ble Commission in its order dated 02/04/2019 in case 37 of 2019, regarding verification of RPO settlement of BEST for FY 2017-18 on page 8, Table No.7 has indicated that the cumulative short fall for BEST for year 2017-18 for solar obligation is 66.887 MUs. This is however incorrect and the correct figure is 64.9968 MUs. The discrepancy has occurred because the figures submitted by MEDA were considered for FY 2016-17 instead of the figures approved by the Hon'ble Commission in its order dated 31.07.2018 in case no. 208 of 2017. BEST vide submission dated 04.12.2018 had submitted correct figures.

Further as per the order, Gross Energy Consumption considered by Hon'ble Commission for FY 2017-18 is 4989.82 MUs whereas the actual Gross Energy Consumption submitted by BEST is 4989.85 MUs which is also approved by Hon'ble Commission in its MTR Order for BEST dated 12th September 2018 in Case no. 203 of 2017.

Since the issue does not require immediate rectification & is not of urgent nature, we intend to take up this matter at the time of RPO verification of BEST for year 2018-19. BEST shall target RPO fulfillment considering the correct figures and accordingly submit at the time of verification.

Thanking you,


28/05/19

OFFICE OF THE
MAHARASHTRA ELECTRICITY
REGULATORY COMMISSION
WTC, CUFFE PARADE, MUMBAI - 400 005.

Yours faithfully,


(Rajendra. Patsute)
Chief Engineer (Regulatory)

"BEST Travel Saves Fuel"

Annexure- B

Detailed statement for project wise
energy procurement in MUs from
various Solar RE sources
(FY 2010-11 TO FY 2019-20)

Annexure- B

Detailed statement for project wise energy procurement in MUs from various Solar RE sources

FY 2010-11				
Sr.No.	SOURCE		Energy at delivery Point	Energy at InSTS
	Nil	-	-	-
Total			0.0000	0.0000

FY 2011-12				
Sr.No.	SOURCE		Energy at delivery Point	Energy at InSTS
	Nil	-	-	-
Total			0.0000	0.0000

FY 2012-13				
Sr.No.	SOURCE		Energy at delivery Point	Energy at InSTS
	Nil	-	-	-
Total			0.0000	0.0000

FY 2013-14				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Pvt. Ltd.	Solar PV	16.6584	16.6584
2	Hemant Group (PVSP-03)	Solar PV	1.2345	1.2345
3	Gangadhar Narsingadas Agrawal (PVSP-20)	Solar PV	0.8002	0.8002
4	Saidpur Jute Co. Ltd. (PSVP-19)	Solar PV	0.4636	0.4636
5	G. I. Energies (PSVP-17)	Solar PV	0.4548	0.4548
6	Agrawal Minerals Goa Pvt. Ltd. (PSVP-10)	Solar PV	3.2476	3.2476

7	Patel Wood Syndicate (PSVP-06)	Solar PV	0.6618	0.6618
8	New Patel Saw Mill (PSVP-05)	Solar PV	0.4118	0.4118
9	Dr. D.H. Patel. (PSVP004)	Solar PV	0.4207	0.4207
10	Advik Hi-Tech Pvt Ltd (PSVP-16)	Solar PV	0.2473	0.2473
Total			24.60	24.60

FY 2014-15				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	34.28	34.28
2	Govindram Shobaram &Co	Solar PV	0.95	0.95
3	Patel Wood syndicate	Solar PV	1.57	1.57
4	New Patel Saw Mill	Solar PV	1.57	1.57
5	Dr. D.H. Patel	Solar PV	1.62	1.62
6	Agrawal Minaral Goa Pvt Ltd.	Solar PV	6.06	6.06
7	Gangadhar Narsingdas Agrawal	Solar PV	1.52	1.52
8	Saidpur Jute Co Ltd.	Solar PV	0.89	0.89
9	Triveni Sangam & Trading Pvt. Ltd.	Solar PV	1.75	1.75
10	Parekh Medisales Pvt. Ltd.	Solar PV	0.94	0.94
11	G.I. Energies.	Solar PV	0.93	0.93
12	Saraswati Industries.	Solar PV	0.94	0.94
Total			53.03	53.03

FY 2015-16				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	32.88	32.88

FY 2016-17				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	33.39	33.39
2	Solar REC from Exchange	REC	15.54	15.54
	Total Solar RPO		48.93	48.93

FY 2017-18				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	33.05	33.05
2	Solar energy from Net meter consumers	Solar PV	1.17	1.17
	Total Solar RPO		34.22	34.22

FY 2018-19				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	32.40	32.40
2	Solar energy from Net meter consumers	Solar PV	3.36	3.36
	Solar REC purchased from Power Exchange		167.96	167.96
	Total Solar RPO		203.72	203.72

FY 2019-20				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	WELSPUN Energy Maharashtra Ltd.	Solar PV	32.24	32.24
2	Solar energy from Net meter	Solar	3.43	3.43
	Solar REC purchased from Power Exchange		136.69	136.69
	Total Solar RPO		172.36	172.36

Annexure- C

Detailed statement for project wise
Contracted Solar RE power in MW
during
(FY 2010-11 TO FY 2019-20)

Annexure- C

Project wise contracted Solar RE power in MW

FY 2010-11			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	Nil	-	0.00
Total			0.00

FY 2011-12			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	Nil	-	0.00
Total			0.00

FY 2012-13			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	Nil	-	0.00
Total			0.00

FY 2013-14			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00
2	Hemant Group (PVSP-03)	Solar PV	1.20
3	Gangadhar Narsingadas Agrawal	Solar PV	1.00
4	Saidpur Jute Co. Ltd. (PSVP-19)	Solar PV	0.60
5	G. I. Energies (PSVP-17)	Solar PV	0.60
6	Agrawal Minerals Goa Pvt. Ltd. (Solar PV	4.00
7	Patel Wood Syndicate (PSVP-06)	Solar PV	1.00
8	New Patel Saw Mill (PSVP-05)	Solar PV	1.00
9	Dr. D.H. Patel. (PSVP004)	Solar PV	1.00
Total			30.40

FY 2014-15			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00
2	Patel Wood Syndicate	Solar-PV	1.00
3	Dr. D.H.Patel.	Solar-PV	1.00
4	New Patel Saw Mill	Solar-PV	1.00
5	Saidapur Jute Co. Ltd.	Solar-PV	0.60
6	Triveni Sangam Holdings &	Solar-PV	1.20
7	G.I. Energies.	Solar-PV	0.60
8	Agrawal Minerals (Goa) Pvt. Ltd.	Solar-PV	4.00
9	Gangdhar Narsingdas Agrawal	Solar-PV	1.00
10	Parekh Medisales Pvt Ltd.	Solar-PV	0.60
11	Saraswati Industries	Solar-PV	0.60
12	Govindram Shobharam & Co.	Solar-PV	0.60
Total			32.20

FY 2015-16			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00

FY 2016-17			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00

2017-18			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00

FY 2018-19			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Welspun Energy Maharashtra	Solar-PV	20.00

2019-20			
Sr.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. Walwhan Solar MH Ltd.	Solar-PV	20.00

Annexure- D

Detailed statement for project wise
energy procurement in MUs from
various Non-Solar RE sources
(FY 2010-11 TO FY 2019-20)

Annexure- D

Detailed statement for project wise energy procurement in MUs from various
Non-Solar RE sources

FY 2010-11				
Sr.No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	MUs	MUs
1	LSECIL	Bagasses	50.53	50.53
2	M/s Celerity Power	Small Hydro	18.54	17.43
3	SDSSSKL	Bagasses	0.86	0.86
4	LSECIL - AGRO	Bagasses	7.16	6.73
5	Ugar Sugar Works Ltd	Bagasses	11.34	11.34
6	Vishvnath Sugar Ltd (14 MW)	Bagasses	10.40	10.40
7	Hiranyakeshi SSK Ltd	Bagasses	14.83	14.86
8	Ind SynergyLtd (TPTCL)	Wind	0.25	0.24
9	Varroc Engineering,	Wind	0.39	0.36
10	Varroc Engineering,	Wind	0.50	0.47
11	Savita Chemicals Ltd.	Wind	2.03	1.90
12	Savita Chemicals Ltd.	Wind	0.98	0.92
13	Savita Chemicals Ltd.	Wind	0.26	0.24
14	Deccan Ind Explosive Pvt.	Wind	0.18	0.17
15	AJANTA Ltd,	Wind	6.84	6.43
16	AJANTA Ltd,	Wind	6.39	6.01
17	Khuda Gawah Invest Pvt. Ltd,	Wind	0.38	0.36
18	Nalini Properties Pvt. Ltd,	Wind	0.48	0.45
19	Sagar Agengies Pvt. Ltd,	Wind	0.41	0.38
20	Sharada Erectors Pvt. Ltd,	Wind	0.00	0.00
21	Sharada Erectors Pvt. Ltd	Wind	0.00	0.00
22	Weizmann Ltd, PH II,	Wind	7.13	6.70
23	Weizmann Ltd, PH I	Wind	7.42	6.98
24	Kohinoor Power co.	Wind	2.15	2.02
25	Laxmi Metal Pressing Work	Wind	0.44	0.42
26	Malpani Developer	Wind	0.37	0.35
27	M/s.Poonawalla Finvest & Agro Pvt.Ltd.	Wind	0.32	0.30
28	M/s.Simone Poonwalla Const&Stud Pvt.Ltd.	Wind	0.33	0.31

29	M/s.Serum international Ltd.	Wind	0.03	0.03
30	Varroc Engineering,	Wind	0.82	0.77
31	Sun. n. Sand,	Wind	2.86	2.69
32	Varroc Engineering,	Wind	0.97	0.91
33	Yashshri Press	Wind	0.06	0.06
34	M/s. Sharada Const & Invest Co.	Wind	0.41	0.39
35	M/s.Vaman Prestressing Co. Ltd.	Wind	0.46	0.43
36	Karma Energy Ltd PH I	Wind	6.67	6.27
37	Karma Energy Ltd PH II	Wind	6.57	6.18
38	Sun. n. Sand Hotel (Shirdi),	Wind	1.33	1.25
39	Shraddha Energy,	Wind	0.45	0.42
40	Shraddha Energy,	Wind	0.58	0.55
41	Sun. n. Sand Hotel,	Wind	1.91	1.80
42	Abhay Shah, (Global)	Wind	0.36	0.34
43	Hindustan Distilleries, (Global)	Wind	0.41	0.39
44	M/s. Jayshree Polymers,	Wind	0.46	0.43
45	Patan Ltd.	Wind	0.43	0.40
46	Patankar Ltd,	Wind	0.50	0.47
47	Padmavati WEPL,	Wind	0.52	0.49
48	Sangram Patil,	Wind	0.48	0.46
49	Dharamsi & Dharamsi	Wind	0.49	0.47
50	Standard Greases Pvt Ltd	Wind	0.44	0.41
51	Indo Enterprises,	Wind	1.87	1.76
52	Hindustan Distilleries,	Wind	0.73	0.69
53	M/s. Jayshree Polymers,	Wind	0.48	0.45
54	M/s. Ramdevbaba Steel Pvt Ltd.	Wind	1.40	1.32
55	Jivraj Tea Co	Wind	0.11	0.10
56	M/s. Jivraj Tea & Ind Ltd	Wind	0.75	0.71
57	M/s. Sable Waghire &co pvt Ltd.	Wind	0.48	0.45
58	M/S Jivraj Tea Ltd	Wind	0.74	0.70
59	Sumitinath Enterprise	Wind	0.47	0.44
60	Garden Court	Wind	0.48	0.45
61	Naren Traders & Consultants.	Wind	0.47	0.44
62	Global Energy Godawat	Wind	0.11	0.10
63	Global Sunjay Godawt	Wind	0.09	0.08
64	Global Godawat	Wind	0.21	0.19
65	Global Sunjay Godawt	Wind	0.11	0.11
66	Global Godawat	Wind	0.49	0.46
67	Global Godawat	Wind	0.49	0.47
68	Global B.S. Channabassappa & Sons	Wind	0.42	0.39
69	Global Shyadri Ind	Wind	0.59	0.56
70	Global Laxmi Rikshwa Body Co	Wind	0.42	0.39
71	Champion Jointing Pvt Ltd.	Wind	0.11	0.10
72	Khanna Ind Pipe Pvt Ltd	Wind	0.32	0.30

73	Dristi Ind Ltd	Wind	0.44	0.41
74	Om Wind Farm	Wind	0.28	0.26
75	Yashshri Press	Wind	0.48	0.45
76	Phoenix Enterprise	Wind	0.46	0.43
77	Phoenix Enterprise	Wind	0.36	0.34
78	Rucha Engineers pvt Ltd	Wind	0.48	0.46
79	Umesh M Dashrati	Wind	0.32	0.30
80	Suvi Rubber	Wind	0.24	0.22
81	Rubberex Ind Pvt Ltd	Wind	0.23	0.22
82	Punit Construction (GLOBEL)	Wind	0.51	0.48
83	Punit Const Co (GLOBEL)	Wind	0.54	0.51
84	Kwality Tobaacco Product (Global) S-102	Wind	0.73	0.69
85	SakalPaper -I (Global)	Wind	0.55	0.52
86	SakalPaper -II (Global)	Wind	0.68	0.64
87	J.M. Ind (Global)	Wind	0.81	0.76
88	V.L. Patel(Global)	Wind	0.23	0.22
89	Surana Venture Ltd	Wind	2.16	2.03
90	Laxmi Ind (Global)	Wind	0.66	0.62
91	Amarshwara Ind (Global)	Wind	1.04	0.97
92	B.S. Chanapabasapa (Global)	Wind	2.17	2.04
93	D.K. Engg (Global)	Wind	1.08	1.01
94	H.H. Patel &co(Global)	Wind	0.70	0.66
95	Osho Devlopers(Global)	Wind	0.35	0.33
96	Gajanan Tower Pvt Ltd (Global)	Wind	0.68	0.64
97	Topaz Investment (Global)	Wind	2.38	2.23
98	Sheela Shivraj(Global)	Wind	0.48	0.46
99	Sai Prem Decloper (Global)	Wind	0.44	0.41
100	Shraddha Energy & Infra (Global)	Wind	8.52	8.01
101	Purushottam Lohia (Global)	Wind	0.00	0.00
102	Ushdev International Ltd (Global)	Wind	1.79	1.68
103	LAP Finance & Consultant Pvt Ltd.	Wind	1.34	1.26
104	Rucha Engineers pvt Ltd	Wind	0.08	0.07
105	Navlakha Translines	Wind	0.47	0.44
106	Medilink Services	Wind	0.69	0.64
107	Navlakha Transline	Wind	0.42	0.39
108	R. M. Dhariwal (GLOBEL)	Wind	0.06	0.06
109	Sunjay Ghodavat (GLOBEL)	Wind	0.05	0.05
110	Sunjay Ghodavat IND (GLOBEL)	Wind	0.01	0.01
111	Dhariwal Ind Ltd (GLOBEL)	Wind	0.24	0.23
112	Jayshree Polymer (GLOBEL)	Wind	0.11	0.10
113	Premier Sales (Globel)	Wind	0.04	0.04
114	D.J. Malpani (GLOBAL)	Wind	0.01	0.01
115	Malpani Tea Corporation (GLOBAL)	Wind	0.03	0.03

116	Sargam Retails (GLOBEL)	Wind	0.01	0.01
117	G B Rubber Product (GLOBEL)	Wind	0.01	0.01
118	Sargam Retails MTR -II (GLOBEL)	Wind	0.01	0.01
119	Subhash B. Mutha. (GLOBEL)	Wind	0.04	0.04
120	S.K. Parikh (GLOBEL)	Wind	0.01	0.01
121	Canpex Chemical Pvt Ltd (GLOBEL)	Wind	0.03	0.03
122	D. J. Malpani Mtr-II (GLOBEL)	Wind	0.01	0.01
123	Sahydri Ind (Global)	Wind	0.23	0.21
124	J.V. PATEL (Global)	Wind	0.12	0.12
125	S.V. PATEL (Global)	Wind	0.10	0.10
126	V.L.PATEL (Global)	Wind	0.09	0.09
127	Siddhayu Ayurvedik (GLOBEL)	Wind	0.69	0.65
128	Metalek Techno (GLOBEL)	Wind	0.09	0.08
129	Laxmi Ind (Global)	Wind	0.07	0.06
130	R. M. Dhariwal (GLOBEL)	Wind	0.09	0.08
131	B.S.C. Textile. (GLOBEL)	Wind	0.02	0.01
132	B.S.Channapabassapa. (GLOBEL)	Wind	0.02	0.02
133	Vandana /Textile (GLOBEL)	Wind	0.02	0.02
134	Umang Textile (GLOBEL)	Wind	0.02	0.02
135	Rajeev Govind Joshi (GLOBEL)	Wind	0.01	0.01
136	Vishnu Textile (GLOBEL)	Wind	0.02	0.02
137	B.S.Channapabassapa. (GLOBEL)	Wind	0.01	0.01
138	Laxmi Metal Pressing (GLOBEL)	Wind	0.01	0.01
139	Laxmi Rikshaw Body (GLOBEL)	Wind	0.02	0.02
140	Bhanudas G Raibage. (GLOBEL)	Wind	0.07	0.06
141	Mahabal Auto (GLOBEL)	Wind	0.07	0.07
142	Veer Bhandareshwar ?Floor Mill (GLOBEL)	Wind	0.05	0.05
143	B.S.C. Textile (GLOBEL)	Wind	0.04	0.04
144	Jadhaos Gears Pvt Ltd (GLOBEL)	Wind	0.10	0.10
145	Kawality Tabaco (GLOBEL)	Wind	0.06	0.06
146	Balkrishna Sizing Ind (GLOBEL)	Wind	0.05	0.05
147	Sridevi Trading Co (GLOBEL)	Wind	0.04	0.04
148	Kiran Energy Infra (GLOBEL)	Wind	0.09	0.08
149	Pragati Agency (GLOBEL)	Wind	0.07	0.07
150	Tejas Sizers (GLOBEL)	Wind	0.04	0.04
151	G.I.Energies (GLOBEL)	Wind	0.04	0.04
152	S.K. Shivraj (GLOBEL)	Wind	0.05	0.05
153	Gujrat Tea Traders (GLOBEL)	Wind	0.08	0.08
154	Jathar Textile (GLOBEL)	Wind	0.05	0.05
155	Shradhha Energy & Infra (GLOBEL)	Wind	0.12	0.11
156	Sayahdri Ind Ltd (GLOBEL)	Wind	0.43	0.40
157	Sayahdri Ind Ltd (GLOBEL)	Wind	0.23	0.21

158	V L Patel (GLOBEL)	Wind	0.07	0.07
159	Shradhha Energy & Infra Mtr-II (GLOBEL)	Wind	0.09	0.08
160	Deccan Ind Explosives (GLOBEL)	Wind	0.04	0.03
161	Jivraj Tea Co (GLOBAL)	Wind	0.02	0.01
162	Dr Anil P. Hirvani (GLOBAL)	Wind	0.02	0.02
163	Sunako Trading (GLOBAL)	Wind	0.01	0.01
164	Sai Associates (GLOBAL)	Wind	0.01	0.01
165	Gangamai Ind & Const Ltd (GLOBEL)	Wind	0.06	0.06
166	Star Flexi- Pack Ind (GLOBEL)	Wind	0.01	0.01
167	Laxmi Rickshwa Body (GLOBEL)	Wind	0.01	0.01
168	Gharrkul Ind (GLOBEL)	Wind	0.03	0.03
169	Dhariwal Ind Ltd (GLOBEL)	Wind	0.38	0.36
170	Bothra Agro Eq Ltd. (GLOBEL)	Wind	0.03	0.03
171	Suzlon Tower & Structur Ltd. (GLOBEL)	Wind	0.20	0.19
REC Non-Solar			0.148	0.148
Total			227.37	219.06

FY 2011-12				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	MUs	MUs
1	TPTCL-(LOKMANGAL)	Bagasses	32.05	32.05
2	TPTCL-(LOKMANGAL AGRO)	Bagasses	4.56	4.29
3	TPTCL-(CELERITY)	Small Hydro	9.14	8.59
4	TPTCL-(A.A. Energy)	Biomass	41.86	41.69
5	TPTCL-(Yash Agro Energy Ltd)	Biomass	26.06	23.70
6	TPTCL- (Pioneer Distilleries Ltd)	Biogass	3.91	4.13
7	TPTCL- (Indra Power Gen Ltd)	Biomass	14.69	14.69
8	Knowledge Infra (RR Energy)	Biomass	28.00	28.00
9	GEPL (Jamkhandi Sugar)	Bagasses	2.46	2.43
10	Knowledge Infra (Godawari)	Bagasses	22.33	22.33
11	TPTCL-Shri Nakoda Ispat Ltd	Biomass	36.16	36.16
REC Non-Solar			1.00	1.00
TOTAL			222.22	219.07

FY 2012-13				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	TPTCL-(LOKMANGAL AGRO)	Bagasses	7.00	6.58
2	TPTCL- (Pioneer Distilleries Ltd)	Biogas	5.61	5.27
3	TPTCL- (A.A. Energy)	Biomass	7.66	7.66
4	RETL - Greta Energy	Biomass	56.48	56.48
5	Urjankur- Global Energy	Bagasses	14.60	14.60
6	RETL - Urjankur Warna power	Bagasses	11.63	11.63
	REC Non-Solar		439.884	439.884
	TOTAL (A)		542.86	542.10

FY 2013-14				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	TPTCL-(LOKMANGAL AGRO)	Bagasse	6.7530	6.3481
2	TPTCL-(Pioneer)	Bio-gas	3.8724	3.7050
3	RETL (Greta Energy)	Biomass	101.6944	101.6944
4	RETL (Maharashtra Vidyut Nigam)	Biomass	49.6880	49.6880
5	RETL (Yash Agro Energy Ltd)	Bagasse	26.9080	25.5101
6	TPTCL (A.A. Energy)	Biomass	4.8546	4.8546
	RE		193.77	191.80
	REC		220.00	220.00
	Total RPO		413.77	411.80

FY 2014-15				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Pioneer Distilleries Ltd.	Bio-gas	2.10	1.97
2	Greta Energy Ltd	Biomass	98.68	98.68
3	Maharashtra Vidyut Nigam Ltd	Biomass	70.13	70.13

4	A.A. Energy	Biomass	16.93	16.93
5	GMT Mining & Power	Biomass	8.71	8.71
6	Lokmangal Agro Ltd	Bagasse	10.10	9.49
7	Yash Agro Energy Ltd	Bagasse	30.42	28.60
8	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	0.86	0.79
	RE		237.94	235.30
	REC Non-Solar		176.00	176.00
	BEST Total RPO		413.94	411.30

FY 2015-16				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Lokmangal Agro Ltd	Bagasse	10.04	9.44
2	Pioneer Distilleries Ltd.	Bio-gas	0.50	0.47
3	Yash Agro Energy Ltd	Biomass	41.09	38.62
4	Greta Energy Ltd	Biomass	108.67	108.67
5	A.A. Energy	Biomass	64.95	64.95
6	GMT Mining & Power	Biomass	69.29	69.29
7	Shyadri Renewable Energy Pvt Ltd.	Small Hydro	0.50	0.46
8	Spark Green Energy Pvt Ltd (Ahemednagar)	Biomass	5.58	5.58
	RE		300.61	297.47
	REC Non-Solar		125.00	125.00
	BEST Total RPO		425.61	422.47

FY 2016-17				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Lokmangal Agro Ltd	Bagasse	4.78	4.53
2	Manas Agro Ind & Infra Ltd	Biomass	44.98	43.35
3	Greta Energy Ltd	Biomass	112.17	112.17
4	A.A. Energy	Biomass	68.87	68.87
5	Shyadri Renewable Energy Pvt Ltd.	Small Hydro	2.17	1.98
6	Spark Green Energy Pvt Ltd (Ahemednagar)	Biomass	1.42	1.42
	RE		234.33	232.25
	REC Non-Solar		201.52	201.52
	BEST Total RPO		435.85	433.77

FY 2017-18				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Lokmangal Agro Ltd	Bagasse	2.37	2.23
2	Manas Agro Ind & Infra Ltd	Biomass	21.16	19.89
3	Greta Energy Ltd	Biomass	106.74	106.74
4	A.A. Energy	Biomass	61.42	61.42
5	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	0.36	0.33
	Non solar RE		192.05	190.61
	Non-Solar REC purchased from Power Exchange		376.81	376.81
	BEST Total Non solar RPO		568.86	567.42

FY 2018-19				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Lokmangal Agro Ltd	Bagasse	7.91	7.75
2	Greta Energy Ltd	Biomass	60.47	60.47
	Non solar RE		68.38	68.22
	Non-Solar REC purchased from Power Exchange		480.24	480.24
	BEST Total Non-solar RPO		548.62	548.46

FY 2019-20				
Sr No	SOURCE		Energy at delivery Point	Energy at InSTS
	NAME	Type	in MU's	in MU's
1	Lokmangal Agro Ltd	Bagasse	2.14	2.01
2	Greta Energy Ltd	Biomass	56.94	56.94
	Non solar RE		59.08	58.95
	Non-Solar REC purchased from Power		513.00	513.00
	BEST Total Non-solar RPO		572.08	571.95

Annexure- E

Detailed statement for project wise
Contracted Non-Solar RE power in
MW during
(FY 2010-11 TO FY 2019-20)

Annexure E

Project wise contracted Non-Solar RE power in MW

FY 2010-11			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s. TPTCL	Bagasse	3.00
2	M/s. TPTCL	Bio-gas	4.73
3	M/s. TPTCL	Small Hydro	7.00
4	M/s. TPTCL	Bagasse	15.00
5	M/s. TPTCL	Bagasse	3.00
6	M/s. TPTCL	Bagasse	10.00
7	M/s. Savita Oil Technologies Ltd.	Wind	2.25
8	M/s. Savita Oil Technologies Ltd.	Wind	2.25
9	M/s. Varroc Engineering Pvt. Ltd.	Wind	1.00
10	M/s. D.J. Malpani	Wind	1.75
11	M/s. Varroc Engineering Pvt. Ltd.	Wind	1.05
12	M/s. Varroc Engineering Pvt. Ltd.	Wind	1.05
13	M/s. Varroc Engineering Pvt. Ltd.	Wind	1.00
14	M/s. Deccan Industrial Explosives	Wind	0.35
15	M/s. Ajanta Limited	Wind	4.90
16	M/s. Sun N Sand Hotels Pvt. Ltd.	Wind	2.00
17	M/s. Nalini Properties Pvt. Ltd.	Wind	0.35
18	M/s. Khuda Gawah Investments Pvt. Ltd.	Wind	0.35
19	M/s. Sagar Agencies Pvt. Ltd.	Wind	0.35
20	M/s. Simone Poonwalla Const&Stud Pvt.Ltd.	Wind	0.35
21	M/s. Serum international Ltd.	Wind	0.75
22	M/s. Poonawalla Finvest & Agro Pvt.Ltd.	Wind	0.35
23	M/s. Savita Oil Technologies Ltd.	Wind	6.00
24	M/s. Khuda Gawah Investments Pvt. Ltd.	Wind	0.35
25	M/s. Nalini Properties Pvt. Ltd.	Wind	0.35
26	M/s. Varroc Engineering Pvt. Ltd.	Wind	1.05
27	M/s. Usha Compu-Tel Pvt. Ltd.	Wind	0.50
28	M/s. Usha Electronics	Wind	1.00
29	M/s. Sun N Sand Hotels Pvt. Ltd.	Wind	1.20
30	M/s. Sun N Sand Hotels Pvt. Ltd.	Wind	1.00

31	M/s. Abhay K. Shah	Wind	0.35
32	M/s. Shradda Energy & Infra Projects Pvt Ltd	Wind	1.75
33	M/s. Shradda Energy & Infra Projects Pvt. Ltd	Wind	1.40
34	Shri Padmawati Wind Energy Pvt. Ltd.	Wind	0.35
35	M/s Patankar Wind Farms Pvt. Ltd.	Wind	0.35
36	M/s Patan Wind Energy Ltd.	Wind	0.35
37	M/s Hindustan Distilleries	Wind	0.35
38	M/s Vaman Prestressing Company Ltd.	Wind	0.35
39	M/s. Dharamsi & Dharmasi oil pvt Ltd	Wind	0.35
40	M/s Hindustan Distilleries	Wind	0.70
41	M/s Indo Enterprises Pvt Ltd	Wind	1.40
42	M/s. Jayashree Polymers Pvt. Ltd	Wind	0.35
43	M/s. Karma Energy Ltd	Wind	4.50
44	M/s. Karma Energy Ltd	Wind	4.50
45	Sangram Patil	Wind	0.35
46	M/s Standard Greases Pvt Ltd	Wind	0.35
47	M/s Jivraj Tea Ltd	Wind	1.00
48	M/s Jivraj Tea Ltd	Wind	0.35
49	M/s Jivraj Tea Ltd	Wind	1.00
50	M/s Sumatinath Enterprises.	Wind	0.35
51	M/s. Shree Ramdeobaba Steel Pvt Ltd.	Wind	1.00
52	M/s. Sable Waghire & Co Pvt Ltd.	Wind	0.35
53	M/s. Jayashree Polymers Pvt. Ltd	Wind	0.35
54	M/s. Garden Court Distilleries Pvt Ltd.	Wind	0.35
55	M/s. Ajanta Limited	Wind	5.25
56	M/s. Savita Oil Technologies Ltd.	Wind	0.75
57	M/s Champion Jointing Pvt Ltd.	Wind	0.35
58	M/s. Disti Industries Ltd.	Wind	0.35
59	M/s. Naren Traders & Consultant.	Wind	0.35
60	M/s. TPTCL	Wind	1.15
61	M/s. TPTCL	Wind	1.15
62	M/s. Sagar Agencies Pvt. Ltd.	Wind	0.35
63	M/s. Global Energy Pvt Ltd.	Wind	0.35
64	M/s. Global Energy Pvt Ltd.	Wind	0.35
65	M/s. Global Energy Pvt Ltd.	Wind	0.35
66	M/s. Global Energy Pvt Ltd.	Wind	0.35
67	M/s. Global Energy Pvt Ltd.	Wind	0.23
68	M/s. Global Energy Pvt Ltd.	Wind	0.69
69	M/s. Global Energy Pvt Ltd.	Wind	0.35

70	M/s. Global Energy Pvt Ltd.	Wind	0.35
71	M/s. Global Energy Pvt Ltd.	Wind	0.35
72	M/s. Global Energy Pvt Ltd.	Wind	0.35
73	M/s. Global Energy Pvt Ltd.	Wind	0.23
74	M/s. Global Energy Pvt Ltd.	Wind	1.38
75	M/s. Global Energy Pvt Ltd.	Wind	1.38
76	M/s. Global Energy Pvt Ltd.	Wind	1.38
77	M/s. Phoenix Enterprises	Wind	0.35
78	M/s. Phoenix Enterprises	Wind	0.35
79	M/s. Yashshree Press Comps Pvt Ltd	Wind	0.23
80	M/s. Yashshree Press Comps Pvt Ltd	Wind	0.35
81	M/s. Om Wind Farms	Wind	0.35
82	M/s. Global Energy Pvt Ltd.	Wind	4.80
83	M/s. Rucha Engineering Pvt Ltd.	Wind	0.35
84	M/S. Umesh M. Dashrathi.	Wind	0.35
85	M/S. Khanna Ind Pipe Pvt Ltd.	Wind	0.35
86	M/s. Rucha Engineering Pvt Ltd.	Wind	0.23
Total			122.26

FY 2011-12			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	TPTCL-(Lokmangal)	Bagasse	8.50
2	TPTCL-(Lokmangal Agro)	Bagasse	1.80
3	TPTCL-(Celerity)	Small Hydro	3.50
4	TPTCL-(Yash Agro)	Biomass	7.00
5	TPTCL-(A.A. Energy)	Biomass	9.00
6	TPTCL-(Pioneer)	Bio-gas	4.73
7	TPTCL-(Indra Power)	Biomass	8.50
8	TPTCL-(Biomass Power)	Bio-gas	11.20
9	TPTCL-(Nakoda Ispat)	Biomass	10.50
10	Knowledge Infrastructure (R.R.Energy)	Biomass	13.50
11	Global (Jamkhandi Sugar)	Bagasses	5.00
12	Global (Nandi)	Bagasses	7.00
13	Shalivahan Biomass Project	Biomass	9.00
14	Shalivahan Greeg Energy Ltd	Biomass	13.50
15	Hema Sri Power Ltd	Biomass	11.34
16	M/s. Nalini Properties Pvt. Ltd.	Wind	0.35
17	M/s. Khuda Gawah Investments Pvt. Ltd.	Wind	0.35
Total			124.77

FY 2012-13			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	TPTCL-(Lokmangal Agro)	Bagasse	5.00
2	TPTCL-(Pioneer)	Bio-gas	5.00
3	Krishna Valley Power Pvt Ltd.	Small Hydro	1.00
4	Shyadri Renewable Energy Ltd.	Small Hydro	1.00
5	Global Energy (Urajankur)	Bagasse	10.00
6	RETL (Urjankur Warna Power)	Bagasse	9.50
7	RETL (Greta Energy)	Biomass	13.50
Total			45.00

FY 2013-14			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	TPTCL-(Pioneer)	Bio-gas	2.20
2	RETL (Greta Energy)	Biomass	13.50
3	Sahyadri Renewable Energy Ltd.	Small Hydro	1.50
4	RETL (GMT Mining)	Biomass	9.00
5	RETL (Maharashtra Vidyut Nigam)	Biomass	9.00
6	Shalivahana green Energy Ltd	Biomass	12.00
7	Shalivahan Biomass Power	Biomass	7.00
8	RETL (Yash Agro)	Biomass	7.00
9	Ratnagiri Wind Power Project Pvt Ltd.	Wind (Gr-I)	36.80
10	TPTCL (A.A. Energy)	Biomass	9.00
Total			107.00

FY 2014-15			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	1.50
2	Lokmangal Agro Ltd	Bagasse	4.00
3	Pioneer Distilleries Ltd.	Bio-gas	2.20
4	Yash Agro Energy Ltd	Biomass	7.00
5	Greta Energy Ltd	Biomass	13.50
6	Maharashtra Vidyut Nigam Ltd	Biomass	9.00
7	GMT Mining & Power Pvt Ltd.	Biomass	9.00
8	A.A. Energy	Biomass	9.00

Total	55.20
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FY 2015-16			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s Spark Green Energy Ahemednagar	Biomass	12.50
2	Lokmangal Agro Ltd	Bagasse	4.00
3	Pioneer Distilleries Ltd.	Bio-gas	2.20
4	Yash Agro Energy Ltd	Biomass	7.00
5	Greta Energy Ltd	Biomass	13.50
6	GMT Mining & Power Pvt Ltd.	Biomass	9.00
7	A.A. Energy	Biomass	9.00
8	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	1.50
Total			58.70

FY 2016-17			
Sr. No.	Developer / Trader	Type of Source	Cap (M.W.)
1	M/s Spark Green Energy Ahmednagar Pvt Ltd	Biomass	12.50
2	Lokmangal Agro Ltd	Bagasse	4.00
3	Manas Agro Ind & Infra Ltd	Biomass	7.00
4	Greta Energy Ltd	Biomass	13.50
5	A.A. Energy	Biomass	9.00
6	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	1.50
Total			47.50

FY 2017-18			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Lokmangal Agro Ltd	Bagasse	4.00
2	Manas Agro Ind & Infra Ltd	Biomass	7.00
3	Greta Energy Ltd	Biomass	13.50
4	A.A. Energy	Biomass	9.00
5	Sahyadri Renewable Energy Pvt Ltd.	Small Hydro	1.50
Total			35.00

FY 2018-19			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Lokmangal Agro Ltd	Bagasse	4.00
2	Greta Energy Ltd	Biomass	8.00
Total			12

FY 2019-20			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Lokmangal Agro Ltd	Bagasse	4.00
2	Greta Energy Ltd	Biomass	8.00
Total			12

Annexure- F

Detailed statement for project wise
energy procurement in MUs from
various Mini-Micro Hydro RE sources
(FY 2010-11 TO FY 2019-20)

Annexure- F

Detailed statement for project wise energy procurement in MUs from various Mini-Micro RE sources

FY 2010-11				
Sr.No.	Source Name	Source Types	Energy Procured at Seller End inMUs	Energy at InSTS in Mus
1	Nil		0.00	0.00
Total			0.00	0.00

FY 2011-12				
Sr.No.	Source Name	Source Types	Energy Procured at Seller End in MUs	Energy at InSTS in Mus
1	Nil		0.00	0.00
Total			0.00	0.00

FY 2012-13				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power (Vajra-2)	Mini Hydro	2.68	2.44
TOTAL			2.68	2.44

FY 2013-14				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	7.72	7.02
TOTAL			7.72	7.02

FY 2014-15				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	8.04	7.32
TOTAL			8.04	7.32

FY 2015-16				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.35	1.23
	TOTAL		1.35	1.23

FY 2016-17				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	2.70	2.46
	TOTAL		2.70	2.46

FY 2017-18				
Sr No	SOURCE		Energy Procured at Seller End	Energy at InSTS
	NAME	Type	MUs	MUs
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	0.46	0.42
	TOTAL		0.46	0.42

FY 2018-19				
Sr.No.	Source Name	Source Types	Energy Procured at Seller End inMUs	Energy at InSTS in Mus
1	Nil		0.00	0.00
	Total		0.00	0.00

FY 2019-20				
Sr.No.	Source Name	Source Types	Energy Procured at Seller End in MUs	Energy at InSTS in Mus
1	Nil		0.00	0.00
	Total		0.00	0.00

Annexure- G

Detailed statement for project wise
Contracted Mini-Micro Hydro RE
power in MW during.

(FY 2010-11 TO FY 2019-20)

Annexure- G

Project wise contracted Non-Solar Mini-Micro Hydro RE power in MW

FY 2010-11			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Nil	Mini Hydro	0.00
Total			0.00

FY 2011-12			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Nil	Mini Hydro	0.00
Total			0.00

FY 2012-13			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2013-14			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2014-15			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2015-16			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2016-17			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2017-18			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Krishna Valley Power Pvt Ltd.	Mini Hydro	1.00
Total			1.00

FY 2018-19			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Nil	Mini Hydro	0.00
Total			0.00

FY 2019-20			
Sr. No.	Developer / Trader	Type of Source	Capacity (MW)
1	Nil	Mini Hydro	0.00
Total			0.00