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MINUTES OF THE MEETING OF THE EXPENDITURE FINANCE COMMITTEE (E.F.C.) HELD IN THE CONFERENCE ROOM OF THE CHIEF SECRETARY ON 27th March 2018.

A meeting of the Expenditure Finance Committee was held in the Conference Room of the Chief Secretary on 27/03/2018.

The following members were present for the meeting:

1.	Shri. Dharmendra Sharma Chief Secretary	Chairman
2.	Shri. Daulat A Hawaldar Secretary (Finance & Power)	Member
3.	Shri. Michael M. D'Souza Addl. Secretary (Fin-Exp)	Member
4.	Smt. Isha Khosla Special Secretary (Budget)	Member
5.	Shri. N. N. Reddy Chief Electrical Engineer	Member

The following tender was deliberated on;

1. ***Proposal for survey, design, supply, erection, testing and commissioning of 3 x 50 MVA 220/ 33 KV Gas Insulated Substation (GIS) at Saligao along with the associated interconnecting 220KV double circuit (d/c) line from PowerGrid 400/220KV Substation at Colvale. (Estimated Cost ₹.181,28,92,558.00).***

Presently, the department is facing acute shortage of power and is forced to go in for load shedding on rotation basis in the major areas such as Mapusa, Porvorim and Coastal areas of Anjuna, Candolim, Calangute, Baga.

During the year 2012-13, the department engaged M/s REC TPDL to do the load flow studies for the entire State of Goa to plan and upgrade the infrastructure at EHV level i.e. 220KV & 110KV level which are the life lines of the power source for the State of Goa and for the development and growth.

In order to appraise the present scenario of North Goa which is fast growing, in the last 2-3 years, there is an approximate 10% load growth in the area, but no new infrastructure / new substations were taken up during the said period.

Presently, 400KV substation at Colvale is taking care of the power supply requirements but down the level at 220KV the following:-

1. Amona Substation 220/33KV 2x50MVA capacity is taking care of entire Bicholim and surrounding areas. The present loading on the substation is 51 MW (peak) as against the installed capacity of 100 MVA. It is proposed to connect the 33/11KV substations at Marcel (1x10 MVA capacity), Kundaim (2x10 MVA capacity) substation & Bicholim (1x5MVA capacity) by erection of 6 more HT feeders. The future capacity can be accommodated and taken up for expansion, thus reducing the load on the existing 220/110/33 KV Substation at Ponda, which is critical.
2. Tivim Substation 220/110/33 KV 180 MVA capacity is taking care of the entire Coastal area of North Goa district. The present loading on the substation is 150 MW (peak) as against the installed capacity of 180 MVA and which is loaded beyond its tolerance limits (80% of full load capacity as prescribed tolerance limits for each Power Transformer). There is also no vacant space available for expansion and the substation is far from the coastal belt where the major loads are existing, thus, leading to lengthy feeders to connect the 33/11 KV substations.

In view of the above, it is decided to set up a new EHV 220/110/33KV substation at Saligao where the present 33/11KV substations namely Saligao, Candolim, Porvorim, Nagoa and Calangute are in close proximity and hence, reduced feeder lengths.

The existing 220/110/33 KV, 180 MVA (2x 40 MVA + 2 x 50 MVA) substation at Tivim was erected in the year 1989 and caters to loads of entire Bardez, Pernem, Bicholim and part of Tiswadi Talukas. The loading in these areas is such that its power transformers are loaded beyond their rated tolerance capacity especially during peak hrs. The department is therefore, compelled to impose load shedding in all these areas concerned at many instances, especially during the peak hours, when shutting down of feeders to undertake maintenance of lines and substations, during faults on connecting

HT lines when the loads are to be catered by only one circuit while the other circuit is shut down for attending faults, etc. in order that the safeguard of the Power Transformers are ensured to the maximum possible extent.

There are also occurrences of frequent snapping of lines due to overloading of the feeders ensuing delay in timely restoration of power supply. The Tivim Substation is located where there is no feasibility to interlink the existing EHV stations for ring feeding provision in the event of carrying out maintenance or attending faults. The existing feeders emanating out of the Tivim substation are very lengthy due to loads located at distant /vast areas it caters to. Besides that, the 33KV feeders are loaded to their full tolerance limits with no scope for any sharing of loads with other stations.

In view of the above and due to these limitations, new applications for release of power supply in these areas are delayed for long periods; the department is hence, unable to adhere to the timelines fixed by the JERC for release of connections to applicants Non compliance within timelines would invite strictures passed by the JERC based on case to case basis and for which there is no stipulated/fixed conditions / implications involved. The extract from the Official Gazette, Govt of Goa Series I No.15 dated 12th July 2012, in Annexure–I appended to the minutes, displays the table with various timelines based on type of connection, voltage level and infrastructure involved as passed by the JERC.

The 220/110/33 KV, 180MVA Substation at Tivim is loaded during peak hrs at critical levels compelling the department to impose load shedding in the areas of Bardez and Pernem Talukas so that the loading on the power transformers are kept within safe levels. Besides that, some power transformers are old which are not capable of taking load to the limit specified for optimum efficiency and with no scope to share the load with neighbouring EHV substations, the situation in the event of power transformer failure could be drastic until the same is replaced. The impact of loading on the Substation at Tivim from season to season is such that within the next season, there could be a major load shedding situation to maintain stability in the power network within North Goa. The detailed explanation in this regard is stated in the above paras of the minutes of meeting. The aforesaid work is therefore, of prioritized and significant nature as demands for power supply are continuously pouring in from various private and government agencies be it industrial, residential , commercial, hotels, etc.. The list of

applications received from various sources/ applicants for various power requirements and approved for availing power supply for the period from 1/4/2017 till date amounts to an additional power requirement of 25.227MVA which is annexed to the minutes of the meeting from Annexure IV(a) to Annexure IV(k). Besides this, there are also continuous incoming applications for power requirement at Low Tension level (LT) which is as on date accounting for around 1.5 to 2.0 MVA – again for various purposes from Residential, commercial, industrial, hotels, Governement etc...

With the load growth rate presently, at 10%, with no scope of expansion / upgradation of the 220/110/33 KV Substation at Tivim and that too, major upcoming loads (in coastal region) located at tail end with lengthy feeders, there would be a serious issue to provide stable and quality power supply to the consumers of these Talukas in the near future. Many of the establishments run on generators most of the time due to imposition of peak load restrictions and load shedding especially, during the hot summer seasons / tourist season.

The necessity of the new proposed 220/110/33 KV, 150 MVA substation at Saligao is of prime importance for the support of future load requirements in the aforesaid two Talukas. Besides that, the execution of the new proposed EHV substation at Saligao would take at least two years until fully operational. And hence, taking up this work at this juncture is therefore, of prioritized nature for the stability of the power supply network system and industrial growth in North Goa.

With the erection of the new EHV 220/33KV , 3 x 50MVA GIS substation at Saligao, the issue of overloading of power transformers at the Substation at Tivim, would be taken care of. The new EHV Substation at Saligao would cater to the areas of Porvorim, Saligao, Nerul, Nagoa, Candolim, Sinquerim and Calangute where major land developments are going on and are also prominent high load growth areas where hotel industries are major consumers due to the vicinity with the coastal belt which are prone to tourists flocking in large numbers.

The new proposed EHV substation will be at the load centre resulting in shorter feeder lengths to the HT installations and substations and thereby providing reliable and quality power to all consumers in the areas. The existing 33/11KV substations of Saligao,

Candolim, Porvorim, Nagoa and Calangute comprising of overall capacity of 109.2 MVA (plus 10MVA additional capacity at Candolim Substation which in progress) would be directly catered by the newly proposed EHV substation and would relieve the overloaded EHV substation at Tivim. Besides, it shall provide an alternate power source in the event of any maintenance to be carried out at the Tivim Substation. Load to the extent of 6.64 MVA is already sanctioned and in the pipeline which shall be added to this proposed EHV substation.

On the other hand, the Substation at Tivim in addition to the remaining loads would cater to the newly proposed 33/11 KV substations at Badem (1x 10 MVA), Karaswada (2 x 10 MVA) and Sal (1x10 MVA) which are in the pipeline.

It was explained that due to the load shedding imposed, major hotels and industrialists run their generator sets to cater to their requirements during the peak hours. The new EHV substation would arrange for a steady deliverance of quality voltage and reliable power supply to the end users which would discourage use of generators and simultaneously, increase in the revenue collection. The proposed EHV substation shall be erected adjacent to the 33/11 KV substation at Saligao for which Communidade of Saligao has already issued NOC for land acquisition.

The New EHV substation being at Load centre would have 33KV feeders of shorter length and hence, convenient for maintenance and control. Besides, the additional capacity would cater to new on coming projects including the Water treatment plant at Guirum requiring approximately 1.2 MVA and which would require a steady power supply for the various processes involved for effective treatment.

As per the JERC, the Department is bound to maintain the various standards of performance for which non- compliance of a standard shall be treated as a violation and the department would be required to pay compensation to the affected consumer(s) unless in cases where the department has no reasonable control as explained in the relevant clause. The extract from the Official Gazette, Govt of Goa Series I No.17 dated 22nd July 2010, appended to the minutes as Annexure–II(A) and Annexure-II(B), displays the table with maximum time limit for restoration of power supply to consumers based on the cause of failure of power supply. Annexure-III(A), III(B) & III(C) also appended to the

minutes and an extract of the aforesaid Official Gazette, displays the compensation to consumers in case of default from the standards stipulated as per Annexure-II(A) & II(B).

It was also explained through revenue forecast evaluated that the cost would be recovered in a period of 5-6 years, considering the lifting of restrictions on HT consumers and commercial establishments who are presently compelled to utilize generators to meet their power requirements during such instances imposed. Load shedding, presently imposed in these areas during peak hours, would also be lifted which will pull in more revenue to the department on account of stable power supply provided to the consumers in these areas.

The work will be carried out by competitive bidding/ turnkey project through e-tendering mode by appointing Project Management Consultant (PMC) as per the guidelines of JERC. Accordingly, the Department has appointed M/s RECTPCL as PMC consultant on obtaining the required approval from the Government. The work will be completed within 30 months inclusive of monsoons from the date of placing of work order and completion of departmental formalities.

The source of funding and expenditure on this proposed project would be through internally generated funds under the Electricity Duty Fund.

It was also explained with regard to 220/110/33KV 190 MVA substation at Ponda which is getting saturated over the next two years that in the present stage, the power transformers (2 x 40 MVA + 1 x 50 MVA) are presently loaded within 80% of its rated capacity (i.e within the tolerance limits specified for safety of power transformers) at peak hrs whereas the old power transformers (2 x 30 MVA) are loaded at peak hrs within the safe level of 60% of its rated capacity being old in nature and to maintain optimized efficiency. To overcome the effect of further burdening of the power transformers at Ponda Substation, the department has already obtained the necessary administrative approval to upgrade the 110/33 KV substation at Verna to 220/110/33 KV and for which the DPR and estimate is under preparation. The upgraded substation at Verna would relieve the loading on the Substation at Ponda after which in view of space constraints, the substation at Ponda shall be converted / upgraded to new

technology GIS based substation with added capacity to meet the growing demand in South Goa District which is presently under study.

It was explained regarding cost minimization and transmission losses that there will be considerable cost and transmission loss minimization due to reduction in feeder lengths as the new 220/110/33 KV substation proposed in Saligao will be at load centre. Besides that, there will be a considerable improvement in the quality of supply, less maintenance costs due to shorter feeder lengths, improvement of voltage level at the tail end, stability of power supply due to available capacity, load shedding / peak load restriction lifted. All these qualities and benefits would generate more revenue to the department.

The EFC committee members took the note of above facts and explanation/ justification as given by the Chief Electrical Engineer and agreed to confer approval to the proposal.

(N. N. Reddy)
Chief Electrical Engineer
Member

(Smt Isha Khola)
Special Secretary (Budget)
Member

(Micheal M D'Souza)
Additional Secretary (Fin-Exp)
Member

(Daulat A. Hawaldar)
Secretary (Finance & Power)
Member

(Dharmendra Sharma)
Chief Secretary
Chairman

ANNEXURE I 59/c

3.7 *Target Period of Completion of Various Activities.—*

The following table provides the target period of completion of various activities:

Sr. No.	Type of Service	Time Limit for Rendering the Service
1.	**LT Connection**	
	1. Acceptance and Notice of inspection on receipt of complete application.	5 days
	2. Inspection after sending the notice	
	a. Urban areas	3 days
	b. Rural areas	7 days
	(i) if the extension work is not required and the connection is to be given from the existing network	
	3. Issue of demand note to the applicant for payment of estimated charges.	
	a. Urban areas	3 days
	b. Rural areas	5 days
	4. Serving of power availability notice for commencement of supply after payment of necessary charges	
	a. Urban areas	5 days
	b. Rural areas	7 days
	(ii) If the extension work or enhancement of transformer capacity is required.	
	5. Issue of demand note to the applicant for payment of estimated charges	
	a. Urban areas	20 days
	b. Rural areas	
	6. After payment of necessary charges serving of power availability notice for commencement of supply – All connections	30 days
2.	**High Tension Connection**	
	a) Information feasibility after receipt of the application	10 days
	b) Issue of demand note of estimated charges (after issue of notice of feasibility)	
	(i) If no extension of work is involved	7 days
	(ii) If extension work is involved	45 days
	(c) Serving of power availability notice for commencement of supply/ /release of connection after receipt of estimated charges subject to receipt of clearance from Electrical Inspector	
	(i) If no extension of work is involved	7 days
	(ii) If extension work is involved	
	- Construction of 11 kV line	30 days
	- Construction of 22 kV or 33 kV line	45 days
3.	**Extra High Tension Connection**	
	a) Informing feasibility after receipt of the application	10 days
	b) Issue of demand note of estimate charges after issue of notice feasibility	60 days
	c) Serving of power availability notice for commencement of supply/release of connection after receipt of estimated charges	
	(i) involving construction/extension of EHT line	45 days (Subject to receipt of clearance from Electrical Inspector)
	(ii) involving construction/extension of EHT line and additional transformer	180 days

ANNEXURE II (A)

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6. *Exemption.*— (*1*) The standards of performance specified in these Regulations shall remain suspended during Force Majeure conditions such as war, mutiny, civil commotion, riot, flood, cyclone, lightning, earthquake, lockout, fire affecting the Licensee's installations.

(*2*) Non-compliance of a standard contained in these regulations shall not be treated as a violation, and the Licensee shall not be required to pay any compensation to affected consumer(s), if such violation is caused due to grid failure, a fault on the Transmission Licensee's network or on account of instructions given by SLDC, over which the Licensee has no reasonable control.

(*3*) The Consumer Grievances Redressal Forum (CGRF) established by the Licensee under Section 42(5) of the Act and the Regulations issued by the Commission in that behalf, may by a general or special order after hearing the Licensee and the affected consumer(s)/consumer groups, release the Licensee from the liability to compensate the consumers for any default in the performance of any standard if the CGRF is satisfied that such default is for reasons other than those attributable to the Licensee and further that the Licensee has otherwise made efforts to fulfill his obligations. Such cases shall be reported by CGRF to the Commission on monthly basis.

(*4*) The standards of performance shall be enforced within 6 months for Chandigarh, Dadar & Nagar Haveli, Daman & Diu, Goa and Puducherry and 12 months for Andaman & Nicobar and Lakshadweep from the date of publication of these regulations.

SCHEDULE – I

7. Guaranteed Standards of Performance

	Nature of cause of power supply failure	Maximum Time Limit for restoration
1.1)	Fuse blown out or MCB tripped	Within 4 hours for Urban areas Within 8 hours for Rural areas
1.2)	Service line broken/ /Service line snapped from the pole	Within 6 hours for Urban areas Within 12 hours for Rural areas
1.3)	Fault in distribution line/system	Rectification of fault and thereafter Restoration of normal power supply within 12 hours Temporary Supply to be restored within 4 hours from alternate source, wherever feasible
1.4)	Distribution transformer failed/burnt	Replacement of failed transformer: Within 24 hours in Urban areas Within 48 hours in Rural areas Temporary Restoration of Supply through mobile transformer or another backup source within 8 hours, wherever feasible
1.5)	HT mains failed	Rectification of fault within 12 hours Temporary restoration of power supply within 4 hours, wherever feasible
1.6)	Problem in grid (33 KV or 66 KV) substation	Repair and restoration of supply within 48 hours Restoration of supply from alternate source, within 6 hours, wherever feasible Roaster load shedding may be carried out to avoid overloading of alternate source

ANNEXURE - II (B) 57/c

Nature of cause of power supply failure	Maximum Time Limit for restoration
1.7) Failure of Power Transformer	Rectification action plan to be intimated to the Commission within 72 hours Rectification to be completed within the time frame approved by the Commission Restoration of supply from alternate source within 6 hours, wherever feasible Roster load shedding may be carried out to avoid overloading of alternate source

Note: Licensee shall make arrangements to provide alternate supply in his area of supply within 6 months from the completion of periods mentioned in regulation 6(4), and provision of words "wherever feasible" provided in 1.3 to 1.7 above shall cease to operate after this period.

7.2 Quality of Power Supply

7.2.1 Voltage variations:

(1) The Licensee shall maintain the voltages at the point of commencement of supply to a consumer within the limits stipulated hereunder, with reference to declared voltage:

(a) In the case of Low Voltage, + 6% and – 6%;
(b) In the case of High Voltage, + 6% and – 9%; and
(c) In the case of Extra High Voltage, + 10% and –12.5%.

(2) The voltage problem shall be resolved with the time limits specified in Table given below:

No.	Cause of problem related to voltage variation	Time limit for the rendering service
1.	Local problem	Within 4 hours
2.	Tap of transformer	Within 3 days
3.	Repair of distribution line/transformer/capacitor	LT system within 30 days HT system within 120 days Capacitor within 30 days
4.	Installation & Up-gradation of HT/LT System	Within 180 days

7.2.2 *Harmonics*

The distribution licensee shall follow the voltage and current Harmonics distribution limits as specified by the *CEA* in the Grid Connectivity Standards applicable to distribution systems.

7.3 Complaints about meters

Subject to the Provisions of the Electricity Supply Code:

Nature of complaint	Time to be taken by Licensee
Complaint lodged for accuracy test of meter	Within 30 days of receiving the Complaint, the Licensee shall test the meter and if needed, the meter shall be replaced within 15 days thereafter
Complaint lodged for defective/stuck meter	Within 30 days of receiving the Complaint, the Licensee shall check the meter and if needed, the meter shall be replaced within 15 days thereafter
Complaint lodged for burnt meter	The Licensee shall restore supply within 6 hours upon receipt of complaint bypassing the burnt meter and new meter shall be provided within 3 days

ANNEXURE III (A)

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Service area	Overall Standard of Performance
Line Breakdowns	At least 95% of cases resolved within time limit in both Cities and Towns and in Rural areas
Distribution Transformer(*DTR*) failure	At least 95% of DTRs to be replaced within prescribed time limits in both Cities and Towns and in Rural areas
Period of scheduled outage	Maximum duration in a single stretch Restoration of supply by 6.00 p.m. At least 95% of cases resolves within time limit
Continuity Indices SAIDI SAIFI MAIFI	To be laid down by the Commission based on the targets proposed by the Licensees
Frequency variations Voltage Unbalance	To maintain supply frequency within range as per IEGC. Maximum of 3% at point of commencement of supply
Percentage billing mistakes	Not exceeding 10% for year 2009-10, 5% for year 2010-11, 2% for year 2011-12 and 1% for 2012-13 and thereafter
Percentage faulty meters	Not exceeding 3%.

SCHEDULE III

9. Guaranteed Standards of Performance and Compensation to Consumers in Case of Default

Service Area	Standard	Compensation payable in case of violation of Standard (default shall be considered from the time consumer has made complaint)	
		Compensation payable to individual consumer if the event affects a single consumer	Compensation payable to individual consumer if the event affects more than one consumer
I. Billing			
First Bill	Within 2 billing cycles	10% of the billed amount subject to maximum of Rs.250/-	
In case bills are raised even after disconnection on consumer's request		Rs. 250/- for each case	Not Applicable
II. Transfer of consumer's connection and conversion of services			
Change of consumer's name due to change in ownership/occupancy for property		Within 2 billing cycles of acceptance of application	
Transfer of consumer's name to legal heir		Within 2 billing cycles of acceptance of application	Rs. 50 for each day of default Not Applicable
Load reduction		30 days after receipt of the application	
Change of category		Within 10 days of acceptance of application	

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ANNEXURE III(B)

III. Disconnection/Reconnection of supply			
Consumer wanting up to date bill	Licensee to carry out special reading and prepare final bill, including all arrears up to the date of billing within 7 days		
Request for reconnection	In case consumer requests for reconnection within a period of six months after is connection, the Licensee shall reconnect the consumer's installation within 7 days of payment of past dues and reconnection charges.	Rs. 50 for each day of default	
IV. Meter complaints			
Testing of meter	within 30 days of receipt of complaint	Rs. 25 for each day of default	Not applicable
Replacement of burnt meter	Within 6 hours restoration of supply by bypassing the burnt meter. Meter to be replaced within 3 days	Rs. 50 for each day of default	Not applicable
Replacement of defective meter	Within 15 days of declaring meter defective	Rs. 50 for each day of default	Not applicable
V. Power supply failure			
Fuse blown out or MCB Tripped (in case fuse or MCB belongs to Licensee i.e. pole or feeder pillar fuse)	Within 4 hours for Urban areas Within 8 hours for Rural areas	Rs. 10 for each hour of default	Rs. 5 for each hour of default to each consumer affected
Service line broken Service line snapped from the pole	Within 6 hours for Urban areas Within 12 hours for Rural areas		
Fault in distribution line/system	Rectification of fault and thereafter Restoration of normal power supply within 12 hours		
Distribution transformer failed/burnt	Replacement of failed transformer within 48 hours	Rs. 100 for each day of default	Rs. 50 for each day of default to each consumer affected
HT mains failed	Rectification of fault within 12 hours	Rs. 200 for each day of default	Rs. 100 for each day of default to each consumer affected
Problem in grid (33 KV or 66 KV) substation	Repair and restoration of supply within 48 hours		
Failure of Power Transformer	Rectification to be completed within 15 days	Rs. 500 for each day of default per day	Rs. 250 for each day of default to each consumer affected

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VI. Voltage fluctuation

Local problem Tap of transformer	Within 4 hours Within 3 days	Rs. 50 for each day of default	Rs. 25 for each day of default to each consumer affected
Repair of distribution line/transformer/capacitor	Within 30 days	Rs. 100 for each day of default	Rs. 50 for each day of default to each consumer affected
Installation & Up-gradation of HT/LT System	Within 90 days		
Damage to consumer's apparatus due to Voltage fluctuations	Immediate	Repair charges subject to a maximum of Rs. 500/- per apparatus	
VII. Complaints/Applications under sub-regulation 7.4 above.	As mentioned in sub-regulation 7.4 above	Rs. 100 for each day of default.	

10. *Manner of payment of compensation amount.*— (*1*) The Licensee shall register every complaint of a consumer regarding failure of power supply, quality of power supply, meters, bills etc., at their designated office(s) which should be within easy reach of the consumer and intimate the complaint number to the consumer.

(*2*) The Licensee shall maintain consumer-wise records regarding the Guaranteed standards of performance in order to give a fair treatment to all consumers and avoid any dispute regarding violation of standard.

(*3*) All payments of compensation shall be made by way of adjustment against current and/or future bills for supply of electricity, but by not later than 90 days from the date of violation of a Guaranteed Standard unless demanded by the consumer as a direct payment. If the Licensee, however, fails to dispense the compensation amount as laid down in Regulation (9) above the aggrieved consumer(s) can approach the respective Consumer Grievance Redressal Forum for redressal of grievances of consumers to seek such compensation. In such event, additional penalty may be levied on licensee for not faithfully implementing the regulations on case-to-case basis.

J. S. SEHTAWAT, Secy.
[ADVT III/4/Exty./218-I/09]

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ANNEXURE IV (a)

Load Approvals conferred from April 2017 upto date					
Sr. No.	**Division**	**Name of Consumers**	**Load Applied**	**Approved on**	**Outward no. / date**
1	Div XVII, Mapusa	Chintamani Promotors, Madhalawada, Harmal	163.2KW	06/04/2017	21
2	Div VI, Mapusa	Ayesha Sood, Salvador Do Mundo	179.13KW	06/04/2017	22
3	Div VI, Mapusa	Vinar Construction, Verem	94.75KW	06/04/2017	23
4	Div XVII, Mapusa	Akshaya Satardekar, VP Oxel,	179.92KW	06/04/2017	24
5	Div XVII, Mapusa	Datwani Developers Pvt Ltd., V P Oxel	179.44KW	06/04/2017	25
6	Div VI, Mapusa	Raj Housing Development Pvt Ltd., Karraswada, Mapusa	1126.24KW	11/04/2017	35
7	Div XVII, Mapusa	Chris & Dylan Enterprises, Siolim, Marna	125.24KW	17/04/2017	45
8	Div VI, Mapusa	Claramount Constructions, Soccorro	208.539KW	25/04/2017	91
9	Div XVII, Mapusa	Director of Higher Education, Virnoda, Pernem	400KVA	08/05/2017	128
10	Div XVII, Mapusa	Director of Transport, Pernem Bus Stand	220KVA	08/05/2017	127
11	Div XVII, Mapusa	Albert Esteves, Tivim	266.17 KW	09/05/2017	156
12	Div VI, Mapusa	Gauresh S Naik, Duler Mapusa	78.52KW	25/05/2017	222
13	Div VI, Mapusa	Nauman Braganza, Near Communidade Ghor Building, Angod, Mapusa	193.36KW	29/05/2017	228

		ANNEXURE IV (b)			
14	Div XVII, Mapusa	Bharati Sehgal, Anjuna	109KVA	16/06/2017	310
15	Div VI, Mapusa	Gustav De Souza & Mrs. Teodolinda Faleiro De Souza	424KW	21/06/2017	322
16	Div XVII, Mapusa	Sumitra Shirodkar, Navem Bhatt, Siolim	160KVA	23/06/2017	339
17	Div VI, Mapusa	Assupam Associate, Karaswada, Mapusa	110.24KW	23/06/2017	353
18	Div VI, Mapusa	Executive Engineer, WD XVII (PHE), PWD, Porvorim	366KVA	03/07/2017	371
19	Div XVII, Mapusa	Ryan Braganza, Portawadda, Marna, Siolim	112 KW	05/07/2017	382
20	Div XVII, Mapusa	Bennet & Bernard Custom House Pvt. Ltd., Moira,	137.88KW	06/07/2017	391
21	Div XVII, Mapusa	Raj Exotic Palms, Anjuna	451.64 KW	19/07/2017	474
22	Div VI, Mapusa	Bharat P Asgaonkar, Khorlim, Mapusa	110.58 KW	20/07/2017	480
23	Div XVII, Mapusa	Casmiro James Vincent, Anjuna	178KVA	26/07/2017	520
24	Div VI, Mapusa	Mrs. Theresa Gonsalves, Sequeira waddo, Calangute	163 KW	02/08/2017	549
25	Div XVII, Mapusa	Micasa Developers, Anjuna, Bardez	139 KW	02/08/2017	553
26	Div XVII, Mapusa	Narayan Haldankar, Varchawada, Arambol, Pernem Taluka	73.38 KW	04/08/2017	560
27	Div VI, Mapusa	Jose Neves Azavedo, Escriva waddo, Candolim	100KVA	14/08/2017	597

ANNEXURE IV (c)

28	Div VI, Mapusa	Mayfair Resort (I) Ltd., Penha De Franca, Bardez	81.4 KW	17/08/2017	606
29	Div VI, Mapusa	Executive Engineer WD XVII (PHE-N) PWD, Porvorim	350 KVA	17/08/2017	607
30	Div VI, Mapusa	Saldana Developers Pvt. Ltd., Saldana Palms II, Candolim	180 KW	18/08/2017	609
31	Div XVII, Mapusa	Sukhdev Singh, Ashvem, Mandrem	144 KVA (129.5KW)	31/08/2017	627
32	Div VI, Mapusa	Rivasa Emerald Unit of Saidutt Hotels Pvt. Ltd., Guarawado Calangute	86.15 KW	04/09/2017	644
33	Div VI, Mapusa	Assistant Engineer, SubDiv IV, WD XVII (PHE-N), PWD, Housing Board Office, Porvorim	87.74 KW	04/09/2017	645
34	Div XVII, Mapusa	R. V. Sheshan (CEO), GMR Goa International Airport Ltd., Mopa, Pernem	198 KW	07/09/2017	654
35	Div XVII, Mapusa	Intech Pharma Pvt. Ltd., Dhargal, Pernem	300KVA (Ench from 200 to 500KVA)	07/09/2017	655
36	Div XVII, Mapusa	Aditya Builders, Madel, Tivim	318KW	11/09/2017	657
37	Div XVII, Mapusa	Marilyn Goveia of Goveia Developers, Project Goveia Village Homes, Marna Soilim	135.65 KW	13/09/2017	669
38	Div VI, Mapusa	Gajinkar Builders, Reis Magos, Bardez	111 KW	13/09/2017	670

		ANNEXURE IV (d)			
39	Div XVII, Mapusa	Rajkumar Gadge, Project Church View, Moira, Bardez	66.27 KW	14/09/2017	679
40	Div VI, Mapusa	Assistant Garrision Engineer, Mandovi Naval Base, Verem	1500KVA (Ench from 450 to 1950KVA)	05/10/2017	771
41	Div XVII, Mapusa	Adwalpalkar Constructions & Resorts Pvt Ltd, "Sinq Beach Club", Gawdewada, Morjim, Pernem	125 KVA	17/10/2017	827
42	Div XVII, Mapusa	Arjun V Shetgaokar, Aswewada, Mandrem, Pernem	73.5 KW	20/10/2017	834
43	Div VI, Mapusa	Anthony Lawrence D'mello, Reis Magos, Bardez	144.78 KW	27/10/2017	849
44	Div VI, Mapusa	Insignia Retreats & Spa Pvt Ltd, Carrasco Waddy, Parra, Bardez	200 KVA	07/11/2017	912
45	Div VI, Mapusa	Star Alliance LLP, Annawado, Candolim, Bardez	271 KVA	07/11/2017	913
46	Div XVII, Mapusa	Morjim Beach Resort (Mr. Rahul Nadkarni), Varcha wada, Morjim Pernem	111.5KW	07/11/2017	911
47	Div VI, Mapusa	Goa Brewcraft's Pvt Ltd., Opp Mae de deus waddo, Sangolda, Bardez	200KVA	08/11/2017	918
48	Div XVII, Mapusa	Lifestyle Reality, Anjuna, Bardez	243 KW	13/11/2017	932
49	Div VI, Mapusa	Primos Heights (Frumencio I Fernandes), Feira Alta, Mapusa	114.97 KW	15/11/2017	953

		ANNEXURE IV (e)			
50	Div VI, Mapusa	GSGK Hotels LLP, Souza Waddo, Candolim, Goa	86 KW	21/11/2017	980
51	Div VI, Mapusa	Myra J Couto & Julius Couto, Divine Homes Apts, Panola Ucassaim, Bardez	82.25 KW	22/11/2017	992
52	Div VI, Mapusa	Kamalesh Shetye (P.O.A.), Project "Sukhavastu Developers", Ansabhat, Mapusa, Bardez	82.48 KW	23/11/2017	1010
53	Div VI, Mapusa	Edgar Afonso, Tivaiwaddo, Calangute, Bardez	200KVA	29/11/2017	1036
54	Div VI, Mapusa	Dominic E D'souza & Leonora D'souza, Philips C D'souza & Mrs. Lalita C D'souza, Sangolda, Bardez, Goa	179.4 KW	01/12/2017	1054
55	Div VI, Mapusa	Zeal Resorts Pvt. Ltd., Cunchelim, Mapusa	373.47 KW	07/12/2017	1097
56	Div VI, Mapusa	Varnik Resorts Pvt Ltd. (Unit Sea Horse Grand), Nagoa Bardez Goa	125 KVA	08/12/2017	1108
57	Div VI, Mapusa	Cosme Costa Construction Pvt. Ltd.(25 connections), Altinho Mapusa Bardez	189.59 KW	08/12/2017	1109

		ANNEXURE IV (f)			
58	Div VI, Mapusa	The Director, Directorate of Health Services, Old Heritage building of Asilo Hospital for State Health Training Institute, Mapusa Bardez	218 KVA	12/12/2017	1134
59	Div XVII, Mapusa	Deepti Rahul Kamat Dalal, Project Aquarius Developers, Siolim-Marna, Bardez	225.64 KW	14/12/2017	1150
60	Div XVII, Mapusa	Ujwala Mukund Gad, Ashwewada, Mandrem, Pernem	75KW	14/12/2017	1153
61	Div XVII, Mapusa	Nester Thomas Sequeira, Vaigini, Nachinola, Bardez	270.38 KW	18/12/2017	1176
62	Div VI, Mapusa	BMS Hospitality Pvt Ltd, Sequeira waddo, Candolim Bardez, Goa	313 KVA	01/01/2018	1213
63	Div XVII, Mapusa	Frazer Pires, Prime Constructions, Project Anjuna Green, Anjuna, Bardez	100KVA	22/12/2017	1183
64	Div XVII, Mapusa	Chief Electrical Traction Engineer, South Western Railway, Thivim (TSS) near Thivim Railway Station, Bardez	6000KVA	01/01/2018	1211
65	Div VI, Mapusa	Omprakash Nihchaldas Pariani, Calangute, Bardez	380 KVA	03/01/2018	1224

		ANNEXURE IV (g)			
66	Div VI, Mapusa	Berchman D'souza, Trindade Waddo, Arpora, Bardez, Goa	73.07 KW	04/01/2018	1240
67	Div XVII, Mapusa	Ashalata Vinayak Mhamal, Mandrem Pernem Goa	153.81 KW	11/01/2018	1287
68	Div VI, Mapusa	Export India Corporation Pvt Ltd, Calangute, Bardez	79.63 KW	15/01/2018	1294
69	Div VI, Mapusa	Aguada Lighthouse and DGPS station, Sinquerim, near Aguada Fort Candolim Bardez Goa	135 KVA	18/01/2018	1328
70	Div VI, Mapusa	Jai Ice Bank, Pilerne Inds Estate, Pilerne Bardez Goa	200 KVA	18/01/2018	1329
71	Div XVII, Mapusa	Paramount Homes c/o Frank D'Souza, Sauntawado, Assagao, Bardez, Goa	134.4 KW	24/01/2018	1355
72	Div VI, Mapusa	Multipurpose Hall and Village Panchayat (Sarpanch), Village Panchayat Salvador do Mundo, Bardez, Goa	448 KVA	06/02/2018	1394
73	Div VI, Mapusa	Parrikar Construction Project Parrikar Delight, Duler Mapusa Bardez	173.45 KW	07/02/2018	1412
74	Div XVII, Mapusa	Akshaya Satardekar, M/s Horizon Heritage Development Pvt Ltd., Anjuna, Bardez, Goa	253.1 KW	07/02/2018	1417

		ANNEXURE IV (h)			
75	Div VI, Mapusa	Derick R F D'souza & Trevor C A D'souza, Residential Flat, Pilerne Bardez Goa	156.64 KW	12/02/2018	1467
76	Div XVII, Mapusa	New Goa Resorts,(Hardev Kumar) Newwada, Morjim, Pernem Taluka, Goa	128 KVA	15/02/2018	1487
77	Div VI, Mapusa	Lloyd Macedo, Ucassaim, Paliem, Punola, Bardez Goa	78.94 KW	16/02/2018	1496
78	Div VI, Mapusa	Fairdeal Automobiles Pvt Ltd., Uccasiam, Bardez Goa	80.464 KW	19/02/2018	1516
79	Div VI, Mapusa	Meena Judith Tavora, Arriswaddo, Nagoa, Bardez, Goa	171KVA	23/02/2018	1548
80	Div VI, Mapusa	John Jeffry Mesquita Project "Lemuel", Ranoi, Aldona Bardez Goa	69.938 KW	26/02/2018	1561
81	Div VI, Mapusa	Siddharth Patil, Anjuna, Bardez, Goa	154.6 KW	28/02/2018	1574
82	Div VI, Mapusa	Siddharth Patil, Anjuna, Bardez, Goa	78.87 KW	06/03/2018	1589
83	Div VI, Mapusa	Ama Spaces Property Consultants & Developers, Sanqwadi, Arpora, Bardez, Goa	140.51 KW	06/03/2018	1590

		ANNEXURE IV (i)			
84	Div XVII, Mapusa	General Manager, Goa Tourism Development Corporation Ltd., Vagator, Anjuna, Bardez, Goa	79 KW	07/03/2018	1604
85	Div VI, Mapusa	Prabhu Constructions, Prabhu Enclave Building, Soccorro, Porvorim, Bardez, Goa	90.44KW	09/03/2018	1622
86	Div VI, Mapusa	Omprakash Nihchaldas Pariani, Calangute, Bardez, Goa	160KW	09/03/2018	1623
87	Div XVII, Mapusa	Chakshu Properties Pvt Ltd, Morjim, Pernem Goa	500 KW	09/03/2018	1624
88	Div VI, Mapusa	C V Constructions (Mr Chacko Varghese), Salvador-du-Mundo, Porvorim Bardez	151.180 KW	20/03/2018	1683
89	Div VI, Mapusa	Anthony P Braganza & Jose P Braganza, Ximer, Khorlim, Mapusa Bardez	90KVA (Enh from 190 to 280KVA)	16/03/2018	1675
90	Div VI, Mapusa	Gaurish Pereira, Sharayu Eternity, Chuchelim, Bamanwada, Karaswada	Applied 695 KW Approved 213.41 KW	29/03/2018	1764
91	Div VI, Mapusa	Justino Dominic Thomas Lobo, Calangute	86.2 KW	28/03/2018	1749

		ANNEXURE IV (j)			
92	Div VI, Mapusa	Jose M Braganza, Bellagio Residency, Gaurawado, Calangute	336.9 KW	04/04/2018	23
93	Div VI, Mapusa	Minco (India) Pvt Ltd, Thivim Ind Estate, Karaswada, Mapusa Goa	181 HP (Ench 69 to 250 HP)	04/04/2018	21
94	Div XVII, Mapusa	Yatin Gupta/ Madhav Sattanathan, M/s Kriss Real Estate LLP, Siolim Bardez, Goa	159.629 KW	04/04/2018	24
95	Div XVII, Mapusa	Fantasy Spirit Pvt Ltd, Tuem Indus Estate, Tuem, Pernem	118 KVA	04/04/2018	26
96	Div VI, Mapusa	Rio Luxury Homes Pvt, Ltd, Cunchelim Bardez Goa	106.29 KW	10/04/2018	62
97	Div VI, Mapusa	Gaurish Pereira, Sharayu Courtyard, Soccorro, Porvorim	186.76 KW	06/04/2018	35
98	Div VI, Mapusa	Sharayu Global, c/o Gaurish Pereira, Mapusa, Bardez Goa	299 KW	06/04/2018	34
99	Div VI, Mapusa	Laxmi Juneja & Others, Sapana Raj Valley, Building "Malpe", Sangolda, Bardez, Goa	174.52 KW	12/04/2018	83

		ANNEXURE IV (k)			
100	Div VI, Mapusa	Elite Developers, Raint, Moira, Bardez,	71.514 KW	17/04/2018	100
		Total approved from April 2017 upto date	25227.254 KVA		