

CONTINGENCY PLAN FOR LOAD SHEDDING

FOR BEST AREA

The contingency plan for load shedding is based on the following

1. The critical load i.e. unsheddable load covering essential consumers would be load that would be catering to essential services enumerated in the Commission's Order in Case No. 46 of 2005 dated 2nd March, 2006.
2. The other criteria for preparation of contingency plan are as follows :-
 - i. The load to be shed &
 - ii. Duration of load shedding.

The load shedding programme is prepared for following quantities of loads to be shed :-

1. 50 MW.
2. 100 MW.
3. 150 MW.

The total tentative duration of load shedding may go upto eight hours from 12.00 hrs to 20.00 hrs. with two time blocks of four hours each as follows :-

1. 12.00 hrs. to 16.00 hrs. which coincides with our system peak &
2. 16.00 hrs. to 20.00 hrs. which coincides with peak for Maharashtra State.

The load shedding will involve "switching off" the 33KV / 22 KV feeders in a rotational manner for the timings and durations stipulated in the plan, covering the areas in the groups identified.

Schedule for Load Shedding in BEST's Distribution Area

(A) Description of Groups :

Group	Area covered*
Group I	Parts of Crawford Market, VT, Ballard Estate, Mohd Ali Road, Masjid Bunder, Mandvi, P. D'Mello Road, Kalbadevi, Dadar, Matunga.
Group II	Parts of Apollo Bunder, Fort, Dalal Street, Horniman Circle, Walkeshwar, Peddar Road, Khetwadi, Lamington Road, Nagpada, Sion East, Dharavi.
Group III	Parts of Fort, Hutatma Chowk, Museum, Mandvi, Masjid Bunder, Menon Wada, Sandhurst Road, Nagpada, Grant Road, Dharavi, Mahim.
Group IV	Parts of Hutatma Chowk, Fort, Colaba, Cuff Parade, Charni Road, Gamdevi, Two Tank, Lamington Road, Nagpada, Tardeo, Peddar Road, Byculla, Mahalaxmi, Sion, Dharavi, Mahim.
Group V	Parts of Backbay, Nariman Point, Cuff Parade, Kalbadevi, Mumbadevi, Bhuleshwar, Girgaum, Worli, Dharavi.
Group VI	Parts of Churchgate, Marine Drive, Nariman Point, Cuff Parade, Girgaum, Mumbadevi, Cumballa Hill, Peddar Road, Lower Parel, Worli, Mahim.

* Due to ring configuration of BEST's network, clear demarcation of areas is not possible. However, no area will be repeated in two groups.

(B) Duration of Load Shedding :

Shortfall in MW	Duration*
50	45 minutes
100	1.5 hrs.
150	2 hrs.

(C) Detailed Schedule of Load Shedding :

For 50 MW shortfall :

Group	For Load Shedding Time	
	from 12.00 hrs. to 16.30 hrs.	from 16.00 hrs. to 20.30 hrs.
1	12.00 hrs. to 12.45 hrs.	16.00 hrs. to 16.45 hrs.
2	12.45 hrs. to 13.30 hrs.	16.45 hrs. to 17.30 hrs.
3	13.30 hrs. to 14.15 hrs.	17.30 hrs. to 18.15 hrs.
4	14.15 hrs. to 15.00 hrs.	18.15 hrs. to 19.00 hrs.
5	15.00 hrs. to 15.45 hrs.	19.00 hrs. to 19.45 hrs.
6	15.45 hrs. to 16.30 hrs.	19.45 hrs. to 20.30 hrs.

For 100 MW shortfall :

Group	For Load Shedding Time	
	from 12.00 hrs.to 16.30 hrs.	from 16.00 hrs. to 20.30 hrs.
1, 2	12.00 hrs. to 13.30 hrs.	16.00 hrs. to 17.30 hrs.
3, 4	13.30 hrs. to 15.00 hrs.	17.30 hrs. to 19.00 hrs.
5, 6	15.00 hrs. to 16.30 hrs.	19.00 hrs. to 20.30 hrs.

For 150 MW shortfall :

Group	For Load Shedding Time	
	from 12.00 hrs.to 16.00 hrs.	from 16.00 hrs. to 20.00 hrs.
1, 2, 3	12.00 hrs. to 14.00 hrs.	16.00 hrs. to 18.00 hrs.
4, 5, 6	14.00 hrs. to 16.00 hrs.	18.00 hrs. to 20.00 hrs.