



November 21, 2010  
REG/MERC/10/306

Secretary  
Maharashtra Electricity Regulatory Commission  
Centre No 1, World Trade Centre  
Cuffe Parade, Colaba, Mumbai 400 005

Dear Sir

**Sub: Disturbance on 21<sup>st</sup> November 2010 in South/Central Mumbai**

We would like to inform you about the Grid disturbance in Tata Power system at around 1700 hrs today which is as follows

Time	Event
1705	220 KV Trombay Dharavi Line No 5 tripped on fault
1710	220 KV Trombay Dharavi Line No 6 also tripped on fault.
1710	Due to the above trippings, the power source to Dharavi from Trombay was severed. This resulted in overloading of other 110 KV and 220 KV lines coming to Dharavi eventually leading to tripping of these lines. There was a complete shutdown to Dharavi as a result of the same.  The Receiving stations (complete and part) which in turn were connected to Dharavi also experienced shutdown. <ul style="list-style-type: none"><li>• Vikhroli got a complete shutdown</li><li>• Part of Mahalaxmi and Backbay got shutdown</li></ul> A total of about 450 MW load was affected
1714	Mahalaxmi was given supply from alternate source (Parel). The Western Railway feeders were resumed supply immediately thereafter.  Similarly, BEST resumed supply to the affected Backbay part by 1732 Hrs
1727 Hrs	Dharavi was resumed supply through charging of 220 KV Trombay Dharavi 6 line from Trombay.  All railway feeders were resumed at 1732 hrs. Entire supply to other consumers from Dharavi was resumed at 1801 hrs.
1732	Vikhroli was resumed supply and Railways were given supply immediately
1801	The supply to all feeders was restored

**TATA POWER**

The Tata Power Company Limited

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Dharavi Receiving Station  
Regulations Department  
Matunga, Mumbai 400 019.  
Tel 91 22 6717 2635 Fax 91 22 6717 2603  
Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001



At around the same time i.e 1705 hrs, 220 KV Trombay Salsette Line No 2 tripped. However this did not contribute to the above interruption of supply.

The exact reasons for tripping of 220 KV Trombay Dharavi Line No 5 and 6 are being established. It is suspected that the same may have been on account of inclement weather at that time.

We wish to submit that above description is a preliminary reporting of the occurrence. We will submit further details of the same on 22<sup>nd</sup> November 2010.

We trust the same is in order

Yours faithfully

*VH Wagla* 21/11

(V H Wagla)

Deputy General Manager