

Minutes of 9th Standing Committee Meeting on 03.08.2012

Sub: - MOM of the ninth Standing Committee meeting held on 03.08.2012 at Prakashganga, MSETCL, Mumbai to discuss 5 year business plan

Ref: - 1) Minutes of the meeting held on 21.03.12 sent vide letter no. MSETCL/CO/STU/5888 dtd 30.04.12

2) Agenda of the meeting dtd 03.08.12 sent vide E-mail dtd 25/08/12

A standing committee meeting was convened at Prakashganga, Mumbai on 03.08.12. Following members were present.

Sr No	Name of the participants	Organisation/ Institute
1	Shri. U G Zalte, Director (Operations)	MSETCL
2	Shri. S G Kelkar, Executive Director (Operations)	MSETCL
3	Shri. A S Sethi, Vice President	Tata Power
4	Shri. M S Rao, Sr. Vice President	R-Infra
5	Shri A H Kulkarni, Regulatory Expert	MERC
6	Shri R K Madan, Advisor	Adani Power
7	Shri. V Ramakrishna (Ex. Member,CEA)	--
8	Shri. S T Shinde, CE (SLDC)	MSETCL
9	Shri. R S Guralwar, CE (STU)	MSETCL
10	Shri. N R Sonkavday, SE(STU)	MSETCL
11	Shri P. Murugan, Head Engg (E)	Tata Power
12	Shri S G Huprikar, AVP	R-Infra
13	Shri. C S Bobade, Chief Manager	WRLDC, POSOCO
14	Shri. V R Shrikhande, Head PSCC	Tata Power
15	Shri. D B Rane, DGM	Tata Power
16	Shri. V K Chourey	Tata Power

The gist of the discussions held during the above meeting is summarized as below:

1) The confirmation of MOM dtd 21.03.2012 –

- a. During the discussion it was clarified by CE (STU) that R-infra have shown their willingness for establishment of 1000 MW VSC Based HVDC link from Nagothane to Aarey provided the required 40,000 sq.m land is allotted by Government of Maharashtra. The letter to that effect is already submitted by them to GOM. The proposal is also recommended by MSETCL.
- b. Shri. V Ramakrishna opined that the option of HVDC technology is to be vetted by STU. The option of monopolar/ bipolar will have to be confirmed by getting feedback regarding possible ground return problems involved in the monopolar link. Shri. V Ramakrishna suggested that action plan should be finalised regarding early implementation of HVDC link. He also opined that finalising the consultant and other processes will take about 1 year and hence the process to finalise the consultant should be initiated immediately.

c. Director (Operations), MSETCL proposed constitution of committee for finalising the consultant. He opined that the scope of work of the consultant would cover the following activities

- i. Finalising technology options
- ii. Preparation of bid documents
- iii. Preparation of DPR
- iv. Preparation of Control document
- v. Selection of Vendor

Director (Operations), MSETCL proposed constitution of the committee (for finalising consultant in r/o HVDC link from Nagothane to Aarey) with following members –

- Shri S G Kelkar, Executive Director (Operations), MSETCL
 - Shri. R S Guralwar, CE (STU), MSETCL
 - Shri. N R Sonkavday, SE (STU), MSETCL
 - Shri. V R Shrikhande, Head PSCC, Tata Power
 - Shri. Mahesh Ambadekar, R-Infra
- d. Shri. M S Rao, R-infra pointed out that the load growth rate of 11 % shown in R-Infra-D area appeared to be very high and instead it should be taken as 7%. On this issue Director (Operations) suggested that industrial growth rate should be based on concrete estimation.
- e. Shri. M S Rao, R-Infra suggested that the committee formed above may also cover the issue of 400 kV Ghodbundar s/s.


With the above corrections, MOM dated 21/03/2012 was confirmed.

2) 5 year Business Plan of MSETCL –

- a. The presentation on 5 year business plan of MSETCL (from FY 2011-12 to 2015-16) was made before Standing Committee. During discussion on philosophy of the Business plan, Shri. V Ramakrishna suggested that while framing EHV network, due care should be taken so as to limit the fault level of various buses. For this, the option of radial 400 kV lines should be explored. He also suggested that while framing ring mains, too much interconnection between 220 kV should be avoided to restrict the fault level.
- b. Shri. V R Shrikhande, Tata Power, suggested that fault level of Kalwa must be reduced as it is basic source for MMR region. Shri. S.G Kelkar ED (Operations) informed that scheme of connecting 3rd ICT (400/220KV) at Kalwa to old 220KV S/S bus so as to reduce fault level is approved and work is under progress.
- c. The issue of bus splitting to reduce the fault level was also discussed Shri. S G Kelkar, ED (Operations) opined that though fault level reduces with splitting of bus but at the cost of stability. Director (Operations), MSETCL informed that procurement of breaker by MSETCL is now of 63 KA rating for proposed substations. Shri. V Ramakrishna suggested that considering overall rise in fault level due to increased generation and reduction in source impedance; Earth mat design should also be revised for the existing substations where

- fault level is exceeding 40 KA. Shri. M S Rao, R-Infra suggested that expert opinion should be sought to address the fault level issue.
- d. Director (Operations), MSETCL stated that fault level study committee will look into the matter and he will personally monitor the issue. The Committee will comprise of following representatives.
- i. Shri. S T Shinde, CE, SLDC, Kalwa
 - ii. Shri. M S Rao, Sr. VP, R-Infra
 - iii. Shri. N R Sonkavday, SE (STU)
 - iv. Shri. P Murugan, Head Engg (E), Tata Power
- e. Load pertaining to DMIC (Delhi Mumbai Industrial Corridor) –
- i. During discussion on projected load considered in business plan, it was informed that the load under DMIC near Shendra (Aurangabad) and Dighi (Raigad) was expected up to 2015-16. Hence this load was considered in business plan. ED (Operations), MSETCL opined that discussion with MIDC is necessary to get more details. All standing committee members agreed on this issue.
 - ii. On the issue of load projection Shri. V Ramakrishna opined that accurate load forecasting may not be possible. Hence estimated load can be considered in business plan as load is bound to increase sooner or later
- f. Presentation on philosophy of business plan of MSETCL-
- Discussion was held on philosophy of business plan covering various aspects such as transmission constraints in withdrawal of load shedding, evacuation of power from PGCIL network, evacuation of power from MSPGCL generation, IPP's, RE generation etc. During further discussion on business plan; existing and proposed network of Aurangabad Zone as a sample case was also discussed. All committee members accepted the philosophy of business plan and suggested for its onward submission to MERC.

The meeting was concluded with vote of thanks.


ED (op).