

Annex Agenda 8.1

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Telephone: 080-22210416
Fax : 080-22292204



Office of the
Chief Engineer Electy.,
Planning & Co-ordination,
Kaveri Bhavan, Bangalore-9

No. CEE (P&C)/SEE(Plg)/EE(PSS)KCO-97/34319/2015-16

Date: 29th Feb'2016

Encl: 4 Pgs.
The Member (Power systems),
Central Electricity Authority,
Sewa Bhavan, R.K.Puram,
New Delhi-110 066.

(2 883-87

2 MAR 2016

Sir,

- **Sub: Evacuation of proposed additional 2 X 800 MW generation of M/s Udupi Power Corporation Ltd., (subsidiary of Adani Power Ltd.,).**

Ref: M/s UPCL letter no. UPCL/PD/CA/15-16/58 dated 17th November, 2015.

M/s Udupi Power Corporation Ltd., (subsidiary of Adani Power Ltd.,) has come up with a proposal of establishing additional 2 X 800 MW generation units to the existing 2 X 600 MW units at their coal based Thermal Power Plant at Yelluru Village in Udupi District and has requested for evacuation of power from additional 2 X 800 MW units vide letter cited under reference.

In-house study is carried out for the feasibility of evacuation of 2 X 800 MW additional generation of M/s Udupi Power Corporation Ltd., using the existing evacuation lines from UPCL viz. 400 kV UPCL-Hassan DC Quad line and 220 kV UPCL-Kemar DC AAAC line and approved 400 kV UPCL-Kasargod DC Quad line. Load flow study is conducted for 2019-20 timeframe considering the proposed generations and transmission elements to be available by 2019-20.

The results of Load flow study is placed as Annexure.

In this context, in order to finalise the evacuation scheme for proposed additional 2 X 800 MW generation units of M/s UPCL keeping in view the national grid as basis, it is requested to arrange for conducting necessary joint studies in consultation with M/s PGCIL at the earliest.

Yours faithfully

Chief Engineer Electy.,

(Planning & Co-ordination)

Member (Power System)

No. 458

7/3/16

CEC(PSPSPA-II)
R

Annex- Agenda 8.2

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Telephone: 080-22210416
Fax : 080-22292204



Office of the
Chief Engineer Electy.,
Planning & Co-ordination,
Kaveri Bhavan, Bangalore-9

No. CEE (P&C)/SEE(Pig)/EE(PSS)KCO-97/34319/2015-16

Date: 8 APR 2016

The Member (Power systems),
Central Electricity Authority,
Sewa Bhavan, R.K.Puram,
New Delhi-110 066.

1419-23

Sir,

Sub: Evacuation of proposed additional 2 X 800 MW generation of M/s Udupi Power Corporation Ltd., (subsidiary of Adani Power Ltd.,)

Ref: 1) M/s UPCL letter no. UPCL/PD/CA/15-16/58 dated 17th November, 2015.

2) T.O Ltr no. CEE (P&C)/SEE(Pig)/EE(PSS)KCO-97/34319/2015-16/ 12833-87 dated 2nd March, 2016.

M/s Udupi Power Corporation Ltd., (subsidiary of Adani Power Ltd.,) has come up with a proposal of establishing additional 2 X 800 MW generation units to the existing 2 X 600 MW units at their coal based Thermal Power Plant at Yelluru Village in Udupi District and has requested for evacuation of power from additional 2 X 800 MW units vide letter cited under reference (1). In this regard it was earlier communicated to CEA vide letter under reference (2) wherein it was requested to arrange for conducting necessary joint studies in consultation with M/s PGCIL in order to finalise the evacuation scheme for proposed additional 2 X 800 MW generation units of M/s UPCL.

During the Joint studies conducted at SRPC, Bangalore from 14th to 17th March, 2016 to resolve/review certain issues raised in the 39th meeting of Standing Committee on Power System Planning of Southern region it was directed by the Chief Engineer, PSPA-II, CEA to conduct further in-house study for evacuation of proposed additional 2 X 800 MW generation units of M/s UPCL by considering a new 400 kV sub-station in-between Bengaluru and Mysore with 400 kV connectivity from Hassan (Shantigrama) to the proposed 400 kV station in view of relieving loading of 400 kV Hassan - Mysore (Bastipura) line and for reliable evacuation of power from the proposed 2 X 800 MW generation units of M/s UPCL. It was also instructed to examine the

42 / C.E. PSPA-II
5-5-2016
To Member (Power System)
By No. 823
Date 05/05/16

[Handwritten signature]

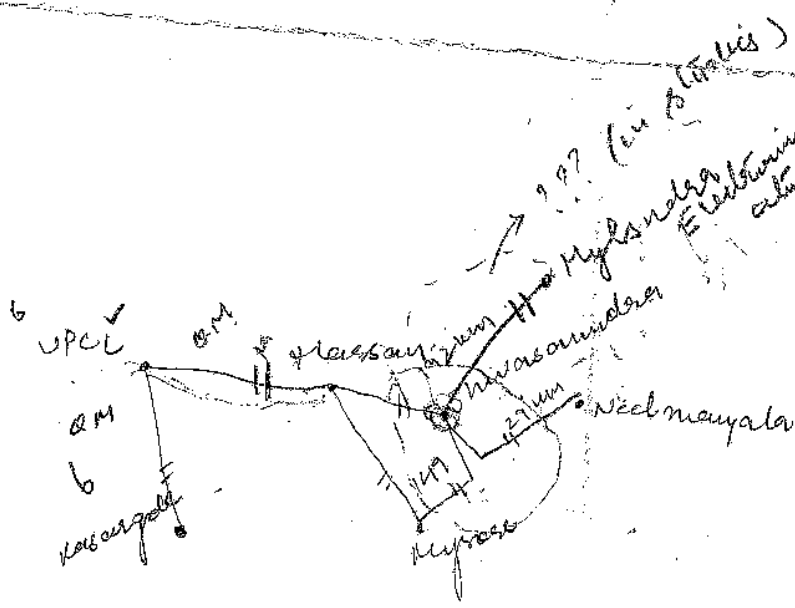
1 sub DA-2)

voltage angle separation between the adjacent 400 kV buses i.e. UPCL and Hassan (Shantigrama) during single circuit outage of 400 kV UPCL-Hassan Quad Moose DC line without considering 400 kV UPCL-Kasargod line to be in service.

Accordingly studies have been conducted by considering 400/220 kV sub-station near Shivanasamudra by LILO arrangement of 400 kV Nelamangala - Mysore (Bastipura) DC line and 400 kV DC line from Hassan (Shantigrama). The results of load flow study are enclosed as annexure for further needful. It is requested to arrange to conduct necessary joint studies along with M/s PGCIL to finalise the evacuation scheme for proposed additional 2 X 800 MW generation units of M/s UPCL.

Yours faithfully

[Signature]
Chief Engineer Electy.,
(Planning & Co-ordination)



②

1 X DC

Handwritten notes at the bottom of the page, including '1 X DC' and other illegible scribbles.

Annex-Agenda-23

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Telephone: 080-22210416
Fax : 080-22292204



Office of the
Chief Engineer Electy.,
Planning & Co-ordination,
Kaveri Bhavan, Bangalore-9

No. CEE (P&C)/SEE(Plg)/EE(PSS)KCO-97/34319/2015-16

Date: 20 JUL 2016

M/s Udupi Power Corporation Limited
1st Floor, Lotus Towers, No. 34,
Devaraja Urs Road, Race Course,
Bengaluru- 560 001.

5002

Sir,

Sub: Evacuation scheme for the proposed additional 2 X 800 MW generation of M/s Udupi Power Corporation Ltd., (subsidiary of Adani Power Ltd.).

Ref: 1) T.O. letter No. CEE (P&C)/SEE(Plg)/EE(PSS)KCO-97/64329/2016-17 dated 25th June, 2016

2) Your letter no. UPCL/PD/CA/15-16/58 dated 17th November, 2015.

This office vide reference (1) had requested CEA to arrange to conduct joint system studies to finalise the evacuation scheme for the proposed additional 2 X 800 MW generation at your thermal power plant at Yelluru village in Udupi district. The subject matter was discussed with CEA and PGCIL during a meeting held on 5th July, 2016 at CEA, New Delhi.

In order to proceed further with the proposal, CEA suggested to seek clarifications from your end regarding the beneficiaries of your proposed generation. Kindly clarify on the above issues and furnish the required information in order to conduct necessary joint studies for finalising the evacuation scheme from the proposed 2 X 800 MW additional generation.

Ms Shivani, Dy Dir
[Signature]

Yours faithfully
[Signature]
Chief Engineer Electy.,
(Planning & Co-ordination)
19/7/16

PSPA-II-255

Copy to:-

1. Chief Engineer, PSPA-II, Central Electricity Authority, Sewa Bhavan, RK Puram, New Delhi-110066.
2. Chief Operating officer (CTU-planning), PGCIL, Saudamini, Plot No.2, Sector 29, Gurgaon-122001.
3. E.A to Director (Transmission), KPTCL, Kaveri Bhavan, Bangalore to place it before The Director (Transmission).
4. PS to the Managing Director, KPTCL, Kaveri Bhavan, Bangalore, to place it before MD.