

POWER GRID CORPORATION OF INDIA LIMITED
CORPORATE PLANNING DEPARTMENT

INTER OFFICE MEMO

From: Corporate Planning Department

To: As per distribution

Ref. No. : C/CP/ Sikkim Generation Projects

Date: August 19, 2009

Sub.: Prior approval of the Government of India under Section 68 of the Electricity Act, 2003 for "Transmission System for transfer of power from generation projects in Sikkim to NR/WR" and "Transmission System for development of pooling station in Northern part of West Bengal and transfer of power from Bhutan to NR/WR".

Please find attached herewith copy of MoP's letter No. 11/4/2007-PG dated August 18, 2009 conveying approval of Government of India under Section 68 of Electricity Act, 2003 for "Transmission System for transfer of power from generation projects in Sikkim to NR/WR" and "Transmission System for development of pooling station in Northern part of West Bengal and transfer of power from Bhutan to NR/WR".

This is for your kind information and necessary action, please.

24/01
(Seema Gupta)
AGM (CP)

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18 Aug. 2009 2:30PM F1



भारत सरकार

विद्युत् मंत्रालय

Ministry of Power

Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001
Telefax No. 23730264

New Delhi, 18th August, 2009

To
CMD
PGCIL
Gurgaon

Sub: Prior Approval of the Government under Section 68 of the Electricity Act, 2003 for "Transmission System for transfer of power from generation projects in Sikkim to NRAWR" and "Transmission System for development of pooling station in Northern part of West Bengal and transfer of power from Bhutan to NRAWR".

Sir,

Sir,

I am directed to refer to PGCIL's letter No. C/CP/Sikkim Generation Projects dated 25.6.2009 and in supersession of Ministry of Power's letter of even number dated 25.10.2007 and 5.9.2008 on the above subject, the prior approval of the Central Government under sub-section (1) of Section 58 of the Electricity Act, 2003 is hereby accorded with the scope of works as discussed and agreed in the 27th meeting of the Standing Committee on transmission system planning of Northern Region held on 30.5.2009 at Nainital, Uttarakhand for "Transmission System for transfer of power from generation projects in Sikkim to NRAWR" and "Transmission System for development of pooling station in Northern part of West Bengal and transfer of power from Bhutan to NRAWR" as per annex-I and annex-II.

The approval is subject to compliance of (a) the requirement of the relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations framed thereunder and (b) the rules governing the overhead lines as specified in the Indian Electricity Rules, 1956 till they are substituted by corresponding rules framed under the Electricity Act, 2003.

This approval is also subject to the following conditions:

- This approval is also subject to the following conditions:
1. The implementing agency will commence construction of the project within 3 years, unless this term is extended by the Ministry of Power.
 2. Ministry of Power may withdraw the approval before the expiry of the period of 3 years after giving a one-month notice.
- Yours faithfully

Yours faithfully

(KV Gopala Rao) 8/09

Under Secretary to the Govt. of India

CM (Proj)
PALM SPRINGS
11/10

20/08/05.

Annex-I

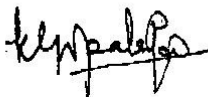
1. "Transmission System for Transfer of power from Generation projects in Sikkim to NR/WR" - Revised

PART-A:

- i) Establishment of new 2x315 MVA, 400/220kV sub-station at Kishanganj
- ii) LILO of Siliguri (Existing) - Purnea 400kV D/c line(quad) at new pooling station Kishanganj
- iii) LILO of Siliguri (Existing) - Purnea 400kV D/c line(on which reconductoring is being carried out) at Kishanganj with the higher capacity(MTSL) conductor
- iv) LILO of Siliguri - Dalkhoia 220kV D/c line at new pooling station at Kishanganj
- v) LILO of Gangtok-Melli 132kV S/c line upto Rangpo, where Chuzachen-Rangpo 132kV D/C would be connected so as to form Chuzachen-Gangtok and Chuzachen-Melli 132kV S/c lines (This would be a temporary arrangement till establishment of Rangpo pooling substation under Part-B of the scheme and termination of Gangtok-Rangpo, Melli - Rangpo and Chuzachen-Rangpo 132kV lines at Rangpo)

PART-B:

- i) Establishment of 220/132kV, 3x100MVA Gas Insulated Substation at Rangpo
- ii) Establishment of 10x167MVA, 1 phase, 400/220kV Gas Insulated substation at New Melli
- iii) LILO of Teesta III - Kishanganj 400kV D/c(quad) (Teesta III - Kishanganj 400 kV D/c line to be constructed through JV route) at New Melli
- iv) Rangpo - New Melli 220kV D/c line (with twin Moose conductor)
- v) LILO of Gangtok-Rangit 132kV S/c line at Rangpo and termination of Gangtok-Rangpo/Chujachen and Melli - Rangpo/Chujachen 132kV lines (constructed under part-A through LILO of Gangtok-Melli 132kV S/c line upto Rangpo) at Rangpo S/s
- vi) LILO of Teesta V - Siliguri 400kV D/c line at New Melli
- vii) Kishanganj - Patna 400kV D/c (quad) line



Annex-11

2. "Transmission System for development of pooling station in Northern part of West Bengal and transfer of power from Sikkim/Bhutan to NR/WR"- Revised.

- i) New 2x15MVA, 400/220kV AC & HVDC sub-station with ± 800 kV, 3000MW converter module at new pooling station in Alipurduar.
- ii) Extension of ± 800 kV HVDC station with 3000 MW inverter module at Agra.
- iii) LILO of Bishwanath Chanyali - Agra HVDC line at new pooling station in Alipurduar for parallel operation of the HVDC station.
- iv) LILO of Bongaigaon - Siliguri 400kV D/c(quad) line (Bongaigaon- Siliguri 400kV D/c line under Pvt. Sector) at new pooling station in Alipurduar.
- v) LILO of Telesiliguri 400kV D/c line at new pooling station in Alipurduar.
- vi) LILO of Sirpara Salakati 220 kV D/c line at New Pooling station in Alipurduar.
- vii) Putimisinguri-I (generation project in Bhutan) Alipurduar 100 kV D/c with quad conductor (Indian portion).
- viii) Earth electrode line at new pooling station at Alipurduar.
- ix) Earth electrode line at Agra HVDC Terminal.

K. P. Sahas

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