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सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली परियोजना प्रबोधन प्रभाग

Power System Project Monitoring Division

सेवा में,

**(संलग्न सूची के अनुसार)**

**विषय:** एलस्टेंग 220/132/33kV सबस्टेशन और एलस्टेंग-जैनकोटे 220 केवी डी/सी ट्रांसमिशन लाइन की समीक्षा करने के लिए मुख्य अभियंता (विद्युत प्रणाली परियोजना प्रबोधन प्रभाग ) द्वारा 06.08.2018 को ली गई बैठक का कार्यवृत्त ।

**Subject:** Minutes of meeting taken by Chief Engineer (PSPM), CEA on 06.08.2018 to review progress of Alusteng 220/132/33kV S/S and Alusteng – Zainakote 220kV D/C Transmission line

महोदय,

एलस्टेंग 220/132/33kV सबस्टेशन और एलस्टेंग-जैनकोटे 220 केवी डी/सी ट्रांसमिशन लाइन की समीक्षा करने के लिए मुख्य अभियंता (विद्युत प्रणाली परियोजना प्रबोधन प्रभाग) द्वारा 06.08.2018 को ली गई बैठक का कार्यवृत्त संलग्न है ।

संलग्नक: यथोपरी ।

भवदीय,

(आर पी. प्रधान)

निदेशक

**प्रति सूचनार्थ:**

1. संयुक्त सचिव (ट्रांस), विद्युत मंत्रालय, श्रम शक्ति भवन, रफ़ी मार्ग, नई दिल्ली-110001
2. सदस्य (विद्युत प्रणाली), केविप्रा के प्रधान निजी सचिव

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**List of Addressees:**

<b>S. N o.</b>	<b>Name and designation</b>	<b>Address</b>	<b>Telephone/Fax/email</b>
1.	Principal Secretary to the Government, Jammu & Kashmir	R. No. 469, 4th Floor, Civil Secretariat, Srinagar - 190001	0194-2506068(T) 0194-2506048(F) Email: <a href="mailto:rajgoyal@nic.in">rajgoyal@nic.in</a>
2.	Development Commissioner (Power), Jammu & Kashmir Power Development Department (JKPDD)	Civil Secretariat, Srinagar, Jammu & Kashmir - 190001	Ph: 0194-2479836 0194-2452173 Fax No: 0194-2452173 <a href="mailto:pdd-jk@nic.in">pdd-jk@nic.in</a> <a href="mailto:dcjpkpdd@yahoo.com">dcjpkpdd@yahoo.com</a>
3.	Executive Director (BDD) POWERGRID	Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk, Gurgaon (Haryana) – 122001 Ph: 0124-2571800/2571900 Fax:01242571990/2571922/2571760/0981053 0571	Sh. Supratim Das (GM)7042499408 <a href="mailto:tcsarmah@powergridindia.com">tcsarmah@powergridindia.com</a> <a href="mailto:supratimdas@powergridindia.com">supratimdas@powergridindia.com</a> <a href="mailto:skpal@powergridindia.com">skpal@powergridindia.com</a> <a href="mailto:ajaiku@hotmail.com">ajaiku@hotmail.com</a>
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6.	Shri Venu Madhav, Chief Coordinator (P), ECI Engg. & Construction Co. Ltd.	ECI Engg. & Construction Co. Ltd. Plot No. A-12-13, Panchavati Township Manikonda, Hyderabad 500089, T.S.	(T) 040-24786099 (Fax) 040-24786100 Sh. V. Madhav (09701044555) Sh. Manish Sarotra (09086072727) <a href="mailto:eci@eciecc.com">eci@eciecc.com</a> <a href="mailto:venu@eciecc.com">venu@eciecc.com</a> <a href="mailto:sarotra2007@gmail.com">sarotra2007@gmail.com</a>

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**Minutes of meeting taken by Chief Engineer(PSPM), CEA on 06.08.2018 to review the physical progress of Alusteng 220/132/33kV S/S & Alusteng – Zainakote 220kV D/C Transmission Line being constructed by JKPDD**

List of participants is enclosed at Annexure-I.

2. At the outset, Chief Engineer (PSPM) welcomed all participants. After brief introduction, he stated that meeting has been called to review the progress of Alusteng-Zainakote 220 kV D/C line and Alusteng S/s in the light of Action Plan drawn in last meeting held on 20.06.2018 to complete these transmission elements matching with completion time schedule of Srinagar(Alusteng) – Srinagar 220 kV S/C line i.e Sept, 2018

PGCIL informed that all efforts are being done for timely completion of their project. PGCIL representative informed physical progress of remaining sections as under:

- **Alusteng (Srinagar) – Drass section:**

Length of line(km)	: 114
Tower Location(nos)	: 425
Foundation completed(nos)	: 407
Tower Erected(nos)	: 381
Stringing done(Km)	: 79.3

PGCIL further informed that out of Tower foundation in balance 18 locations, work is under progress at 14 locations while in rest 2 locations in Ganderbal area, severe ROW problem is being faced. Deputy Commissioner, Ganderbal has already initiated compulsory land acquisition proceedings. In remaining 2 locations, the work will start after completion of Amarnath yatra.

- **Drass – Kargil Section:** PGCIL informed that this section is complete and construction of downstream 66 kV lines beyond Kargil is under progress.
- **Kargil – Khalsti section:** This section has been completed and ready for commissioning since Dec'17. Length of line in this section is 96 km.
- **Khalsti – Leh Section:** This section has been commissioned on 31<sup>st</sup> Oct'18. Length of line in this section is 61.5 km.
- 2x50MVA, 220/66 kV Leh GIS, 1x50MVA 220/66 kV Khalsti GIS have been commissioned on 1st Nov'17 and 1x50MVA, 220/66 kV Drass GIS has been made ready for charging.

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- **Progress of 2X50 MVA 220/66 kV GIS at Kargil:** PGCIL informed that High Voltage testing is under progress and likely to be completed by mid of Aug,2018.
  - **Underground cable work (6.3km length) near Sonmarg & Zozilla Pass:** PGCIL informed that Excavations and preparation of cable trench is in progress. Plain Cement Concrete work (PCC) for 4.57 km has been completed and 1.1 km cable(3 phase & one spare) has already been laid. All materials including cables and accessories are available at site. Cable work is at standstill due to Amarnath Yatra. He further informed that best efforts are being made to complete the cable work by Sep'18, however this may slip to Oct'18 as there are total 64 cable joints including spare cable.  
In the given circumstances, PGCIL was apprehensive about charging and commissioning of Srinagar (Alusteng) – Leh 220 kV line by Sep'18. He informed that best efforts are being made to complete project by Sep'18, however it may slip to Oct'18.
3. SE, JKPDD informed that 132kV side of Alusteng S/S is likely to be completed by Sep'18. He further informed that Contract for transformer erection has been awarded to M/s Toshiba TTDI and for other electrical works, work has been awarded to M/s JK Engineers. Contract for civil works has been awarded to Hafiz Construction Company Pvt. Ltd. while Control room works have been given to Falcon Construction Company. He informed that construction of earth mat is under progress, which is expected to be completed by Sep'18. After completion of earth mat, construction of equipment foundation and cabling work would start which could be completed by the end of Nov'18. He further informed that keeping in view the current progress, the completion target of Sub Station could be revised as Dec.,2018. Execution plan of S/s submitted by JKPDD is attached at **Annexure-II**.
4. Regarding status of Alusteng – Zainakote 220kV D/C Transmission Line, SE ,JKPDD informed that Alusteng – Zainakote line work had been awarded to M/s ECI Engg. & Construction Co. Ltd, Hyderabad in Aug, 2010 and revised LOA was issued in Jan'2011. Physical progress of line till date is as under:

Line Length (Kms):	50
Total Tower Locations (nos.):	158 + 2 Multi Ckt Towers (existing)
Foundations completed (nos.):	147
Towers Erected (nos.):	102
Stringing completed (Kms.):	09

5. Director(PSPM) enquired whether the current progress of Alusteng – Zainakote D/C Transmission Line was in line with the Action Plan finalised

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during the last meeting held on 20.06.2018. JKPDD & M/s ECI submitted the detailed progress as under:

- a. SE, JKPDD informed that Foundation for 11 nos. tower locations is still to be casted due to following issues;
  - i. Compulsory Acquisition (CA) is under process at 7 locations,
  - ii. PNC is under process at 3 locations
  - iii. At 1 location CA sanction order by Deputy Commissioner is awaited. The PNC meeting was held on 27.04.2018 but Minutes of meeting were issued on 02.07.2018, which caused delay in PNC process.
- b. M/s ECI informed that out of 45 locations, tower erection at 02 locations is under progress and erection work would be completed by 20.08.2018. Material shifting is under progress at 02 locations. The tower erection work at balance 41 locations could not be started due to following reasons;
  - i. Paddy crops and walnut trees at 35 locations presently. After paddy harvesting by end of Sep-18, access to tower site will be possible.
  - ii. At 6 locations, Snow Zone towers' material has been ordered which is expected to be delivered by 20<sup>th</sup> Aug, 2018.
- c. JKPDD informed that access to tower site and its compensation if any is in the scope of ECI.
- d. The conductor stringing at balance locations is yet to start. JKPDD informed that order for balance conductor has been placed, which is expected to be delivered by end of Aug' 18.

6. After detailed deliberation, it was decided that

- a. JKPDD would take up with respective authority to resolve the issue of PNC/ Compulsory Acquisition (CA) for casting foundation at balance 11 locations.
- b. ECI would take up erection of tower at balance 35 locations and ECI/JKPDD would resolve the compensation issue to access the tower site for tower material shifting, tower erection and stringing.
- c. ECI would deploy stringing gang where stretch is available for conductor stringing.
- d. Additional resources would be provided by JKPDD/ECI to complete Alusteng-Zainakote 220kV D/C transmission line alongwith Alusteng 220/132 kV substation by Nov/Dec' 18.

Meeting ended with vote of thanks to the chair.

**Annexure-I****List of Participants****CEA**

- |                      |                                  |
|----------------------|----------------------------------|
| 1. Sh. B K Arya      | Chief Engineer (PSPM) – In Chair |
| 2. Sh. RP Pradhan    | Director (PSPM)                  |
| 3. Sh. R K Tiwari    | Dy. Director (PSPM)              |
| 4. Sh. Rajesh        | Asstt. Director-I (PSPM)         |
| 5. Sh. Dhanesh Kumar | Asstt. Director-I (PSPM)         |

**POWERGRID**

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|----------------------|-------------|
| 1. Sh. AK Vaish      | Consultant  |
| 2. Sh. Amandeep Kala | Dy. Manager |

**JKPDD**

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|--------------------|-------------------------|
| 1. Sh. Javed Y Dar | Superintending Engineer |
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**ECI Engg. & Const. Co. Ltd**

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| 1. Sh. Munish Sarotra | Project Manager |
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