



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:** प्रधान मंत्री विकास पैकेज -2015 के तहत जम्मू और कश्मीर क्षेत्र में विभिन्न अंतर-राज्यीय पारेषण परियोजनाओं से जुड़ी प्रगति और बाधाओं की समीक्षा करने के लिए 09.08.2019 को नई दिल्ली में मुख्य अभियंता (PSPM), CEA द्वारा ली गई बैठक का कार्यवृत्त

**Subject:** Minutes of meeting taken by Chief Engineer (PSPM), CEA at New Delhi, on 09.08.2019 to review the progress and constraint associated with various intra-state transmission projects in Jammu & Kashmir region being executed under Prime Minister Development Package-2015 (PMDP-2015).

महोदय,

प्रधान मंत्री विकास पैकेज -2015 के तहत जम्मू और कश्मीर क्षेत्र में विभिन्न अंतर-राज्यीय पारेषण परियोजनाओं से जुड़ी प्रगति और बाधाओं की समीक्षा करने के लिए 09.08.2019 को नई दिल्ली में मुख्य अभियंता (PSPM), CEA द्वारा ली गई बैठक का कार्यवृत्त संलग्न है।

**संलग्नक:** यथोपरी।

भवदीय,

(संजय जैन / Sanjay Jain)

निदेशक / Director

**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

**List of Addressees:**

Sl. No.	Organization	Address	Tele/Fax No./email
1.	PGCIL	<b>Chairman and Managing Director</b> POWERGRID Saudamini, Plot No.2, Sector 29, Near IFFCO Chowk, Gurgaon (Haryana) - 122001	Ph: 0124- 2571800/2571900 Fax:01242571990/2571922/2571760/ 9810530571 <a href="mailto:cmd@powergridindia.com">cmd@powergridindia.com</a> <a href="mailto:ajaiku@hotmail.com">ajaiku@hotmail.com</a> <a href="mailto:kks@powergridindia.com">kks@powergridindia.com</a>
2.	JKPDD	<b>Development Commissioner (Power),</b> PDD, Govt. of J&K, Power House, Janipur, Jammu-180007	Telephone :0191-2532809, 01912534284 (Jammu), FAX : 01912530265(Jammu), Email : <a href="mailto:dcpjkpdd@yahoo.com">dcpjkpdd@yahoo.com</a> , <a href="mailto:sojpdd@gmail.com">sojpdd@gmail.com</a>
3.	RECTPCL	<b>Chief Executive Officer</b> REC Transmission Projects Company Limited ECE House, 3rd Floor, Annexe-II 28-A, K G Marg, New Delhi -110001	Tel: 011-41020101 Fax: 011-24360644 <a href="mailto:dheeraj.hwr@gmail.com">dheeraj.hwr@gmail.com</a> <a href="mailto:Bhupender.g@gmail.com">Bhupender.g@gmail.com</a>

**Minutes of meeting taken by Chief Engineer (PSPM), CEA at New Delhi, on 09.08.2019 to review the progress and constraint associated with various intra-state transmission projects in Jammu & Kashmir region being executed under Prime Minister Development Package-2015 (PMDP-2015).**

List of participants is enclosed at **Annexure-I**.

1. At the outset, Chief Engineer (PSPM) welcomed all participants and after brief introduction, he requested Director (PSPM) to take up the agenda of the meeting.
2. Director (PSPM) stated that PMDP-2015 scheme covers various Transmission & Distribution (T&D) works in J&K. In order to cater to a projected peak demand of 3095MW at the end of plan period (2017-22) and for evacuation of power from upcoming generation projects proposed to be commissioned during this plan period, the existing transmission infrastructure is to be upgraded by way of adding adequate transformation capacities at 220kV and 132 levels and constructing new EHV transmission lines and associated substations. Accordingly, in January 2017, a transmission plan was formulated at an estimated cost of Rs. 1189.59 crs with the completion schedule of 30 months from date of sanction. The projects are being implemented through PGCIL, RECPTL and JKPDD. He requested Project Implementing Agencies (PIAs) to discuss the physical progress and the issues / constraints associated with the following projects.

Sl.No.	PIA	No. of Projects
1.	RECPTCL	4
2.	PGCIL	6
3.	PDD, J&K	22

**The gist of discussion is as under:**

**3. RECPTCL**

The representative of RECPTCL stated that total nine elements (three transmission lines and six sub-stations) are being executed by RECPTCL as Project Implementing Agency (PIA) and PGCIL as Project Management Agency (PMA). The progress of transmission works is as under:

**(i) LILO of Barn - Kishanpur 220kV S/C line at Nagrota including 2x50MVA, 220/33kV, Nagrota s/s**

Notification of Award (NOA) for Nagrota s/s has been issued on 06.07.2018 to the successful bidder i.e. M/s JK Engineers in JV with Shreem Electric Ltd. Power Development Department, Govt. of J&K (JKPDD) is yet to hand over the land for the substation. Due to non-availability of land, work could not be started.

Chief Engineer (JKPDD) informed that official of Jammu Wing along with representative of RECTPCL jointly had visited the alternate site on 19.06.2019 and it has been confirmed that the land is suitable for construction of the proposed 2x50MVA, 220/33KV, Grid station at Nagrota. Land would be handed over at the earliest.

**(ii) Drass - Padum (Zanaskar) 220kV S/C line, Phyang (PGCIL) - Diskit (Nubra) 220kV S/C line, Padum S/s (50MVA, 220/33kV) and Diskit (Nubra) S/s (50MVA, 220/33 kV) and 220 kV bay extensions at Drass and Phyang substations**

The representative of RECPTCL stated that JKPDD had submitted the revised cost estimate of Rs 1242 Crs (against original estimated cost of Rs 481.88 cr) for above lines and Substations to the CEA for approval. The revised cost estimate was reviewed by CEA and has been approved for Rs 1185.85 crs. After approval of CEA and JKPDD on 07.05.2019, tender documents were sent to JKPDD & PGCIL (PMA) for their review on 14.05.2019. Comments from the PGCIL/JKPDD have been received. RECTPCL observations on the comments of JKPDD & PGCIL were forwarded to JKPDD for consideration. Tender shall be floated immediately after getting clearance from the JKPDD / PGCIL & sanction of additional fund requirement by MoP.

**(iii) 160MVA, 220/33kV Lassipora GIS substation**

The construction work at Substation is under progress. Substation is likely to be commissioned by Jul'20.

**4. PGCIL**

The representative of PGCIL stated that total nine elements (four transmission lines and five sub-stations) are being executed by PGCIL as Project Implementing Agency (PIA) and RECPTCL as Project Management Agency (PMA). The progress of transmission works is as under:

**(i) 220kV D/C Samba (JKPDD) – Jatwal (PGCIL) line (10.96 ckm / 5.7km) and Samba s/s (220/66kV, 160MVA)**

The tower foundation work of the transmission line is in progress and foundations of 15 out of 25 towers has already been completed. The land acquisition matter has been taken up with concerned revenue authorities & JKPDD for remaining locations.

The construction works of Samba station is under progress, 80% civil works, 60% of erection of structure and 20% of equipment erection have been completed. The Substation is likely to be commissioned by Nov'19.

Severe ROW constraints are being faced at location No. 1 &2 in village-Jatwal and at location No. 14 in village-Dayani in district Samba. JKPDD is yet to adopt the guidelines of MoP (October 2015) for ROW compensation.

**(ii) LILO of Hiranagar - Gladni 220kV S/C line at Chowadhi (8km) and Chowadhi s/s (220/33kV, 160MVA)**

The contract was awarded in May, 2018 for construction of Chowadhi Substation, but land for substation is yet to be handed over by JKPDD to PGCIL even after more than a year. The CE (JKPDD) informed that the land will be handed over by August / September 2019. Due to delay in handing over of land by JKPDD, the commissioning schedule will be revised although completion time was 18 months from LOA.

**(iii) LILO of Thein - Hiranagar 220kV D/C line at Kathua-II(Ghatti) and Kathua-II(Ghatti) s/s (220/66kV, 160MVA)**

The tower foundation associated with LILO work of the line (about 4.7ckm) is in progress and foundation of 08 out of 14 towers have been completed. Land acquisition matter has been taken up with concerned revenue authorities & JKPDD for remaining locations.

The construction works of Kathua-II substation is under progress, 60% civil works, 30% of erection of structure and 20% of equipment erection have been completed and balance work is under progress and the Substation is expected to be completed by December' 19.

Severe ROW constraints are being faced at location No. 8 (court case) in village-Kalna and at location No. 9 & 11 in village-Forlaine in district of Kathua.

CE(PSPM) requested JKPDD to extend necessary support in resolving RoW issue.

**(iv) Waganpora - Khanyar 132kV D/C line (Underground Cable of 5km)**

The route survey for UG cable has been completed and report has been approved. Cable has been received at site and line is expected to be commissioned by Mar'20. The civil works associated with bay extension at 132kV Waganpora substation are under progress. The work is under hold due to recent law & order problem in the region.

**(v) Khanyar (GIS) 132/33kV 100MVA**

The land for Substation was handed over in Apr'19 and 30% civil works has been completed. The construction work of substation is under hold since 5-8-2019 due to recent unrest and political development in the region and the substation is likely to be commissioned by Jan'20.

**(vi) 220/132kV GIS Substation at Batpora Tailbal**

The substation at Batpora (Tailbal) has been shifted to Haripora, Harwan and land was handed over by JKPDD on 01-08-2019. The work will start only after Law order situation is normal in Kashmir region. Substation is likely to be commissioned by Nov'20.

POWERGRID requested JKPDD to take up construction of their downstream networks from new substations at Samba, Chowadi & Kathua in Jammu Region and Haripora, Harwan & Khanyar in Kashmir region for use of assets created for JKPDD.

**5. JKPDD**

CE(S&O-Jammu), JKPDD informed that total twenty-two elements (ten transmission lines and twelve sub-stations) are being executed by JKPDD as Project Implementing Agency (PIA) and RECPTCL as Project Management Agency (PMA). Issue/status of Transmission system of Kashmir & Laddakh region was received through email and CE(S&O-Jammu), JKPDD highlighted the progress of transmission system (Jammu Region) as under:

**(i) LILO of Hiranagar – Bishnah 220kV D/C line at Jatwal Grid station**

CE(S&O-Jammu), JKPDD informed that 9 out of 11 towers have been erected for LILO of first circuit of the above line. The land acquisition is under progress for remaining two locations and LILO work of 1<sup>st</sup> circuit is likely to be completed by Nov'19. He further stated that due to poor response of bidders the LILO work of second circuit is getting delayed and

NIT has been cancelled number of times.

**(ii) LILO of Canal - Miran Sahib at Chatha 132kV D/C line**

20 Kanals out of 40 Kanals land has been acquired. The route survey has been completed, preliminary works (soil testing and demarcation) are under progress. Line is likely to be commissioned by Mar'20.

**(iii) Hiranagar - Kathua 132kV D/C line (Reconductoring)**

The reconductoring work has not been awarded yet. He further stated that JKPDD Contract Committee (CC) meeting was held on 3rd and 4th of June 2019 and project will be awarded soon.

**(iv) Extension of Mirbazar – Alusteng 220kV D/C line upto New Wanpoh**

The contracts for above line have been awarded, however construction work is yet to start.

**(v) LILO of Budgam - Bemina 132kV D/C line at Tengpora (Power Cable)**

The contract for above line has been awarded and line is likely to be commissioned by Mar'20.

**(vi) LILO of one ckt of Alusteng - New Wanpoh 220kV D/C line at Tailbal**

The contracts for above line has been awarded, however construction work is yet to start.

**(vii) LILO of Wagoora - Mirbazar 220kV D/C line at Lassipora**

The contracts for above line have been awarded. Foundations of 3 out of 22 towers have been completed.

**(viii) LILO of Zainkote – Delina 220kV D/C line at Kunzar (Sterlite s/s)**

LILO work of both circuits has been completed, but clearance from NRLDC is awaited for Zainakote – Kunzar 220kV link as telecommunication requirement is yet to be fulfilled.

**(ix) New Wanpoh - Mir Bazar line 220kV D/C line**

The contract for above line has already been awarded and work is under progress. Foundations of 7 out of 14 towers of line have already been completed.

**(x) Replacement of Conductor in Pampore–Cheshmashahi & Pampore – Khonmuh of 132kV D/C line**

CE(S&O-Jammu), JKPDD informed that out of 3 bidders, only one bidder was recommended as qualified for opening of Financial Bid. Contract Committee-I has recommended for issue of LOA on Single Tender basis and response / approval by the Administrative Department is awaited.

**Sub-Stations:**

**(i) Chatha Grid s/s (132/33kV, 100MVA)**

The preliminary works (soil investigation and testing) are under progress and Substation is likely to be commissioned by Jul'20.

**(ii) Augmentation of Janipur s/s with 132/66/33kV, 1x50MVA Transformer**

Power Transformer has been laid on foundation and is likely to be commissioned by Sep'19.

**(iii) Augmentation of Kathua s/s with 132/66/33kV, 1x30MVA Transformer**

Power Transformer has been commissioned on 27.06.2019

**(iv) Augmentation of Miran Sahib s/s with 132/66/33kV, 1X30MVA Transformer**

Power transformer has been commissioned on Jul'18.

**(v) Augmentation of Pounichak s/s with 132/66/33kV, 1x50MVA Transformer**

Power transformer has been laid on foundation and is likely to be commissioned by Sep'19.

**(vi) Augmentation of Sidhra s/s with 132/66/33kV, 2x30MVA Transformer**

**Sidhra-I:** Final inspection of power transformer is scheduled by Aug 19

**Sidhra-II:** LOA issued, on 19-03-2019. Work is under progress.

JKPDD stated that both transformers are likely to be commissioned by Sep'19.

**(vii) Augmentation of Bemina s/s with 132/33kV, 1x50MVA Transformer**

Concreting of 132kV Switchyard has been completed and construction of transformer foundation is under progress.

**(viii) Augmentation of Chadoora s/s with 132/33kV, 1x50MVA Transformer**

The construction works are under progress.

**(ix) Augmentation of Cheshmashahi s/s with 132/33kV, 1x35MVA Transformer**

The lying of transformer foundation has been completed and work is under progress.

**(x) Augmentation of Khrew (Khonmoh) s/s with 132/33kV, 1X50MVA Transformer**

The transformer has been placed on foundation and work is under progress.

**(x) Tengpora GIS (132/33kV, 150MVA)**

The contracts for substation have been awarded. The construction works are under process and substation is likely to be commissioned by Mar'20.

**(xi) Augmentation of Zainakote s/s with 132/33kV, 1x50MVA transformer**

The construction works have started at substation. Request for purchase of Power Transformer has been submitted to CE, (EP&D), J&K.

**6. OTHER ISSUES:**

**(a) Taking over of assets of 220kV Srinagar-Leh Transmission System (SLTS) and reimbursement of O&M charges to PGCIL**

The representative of PGCIL informed that Alusteng (Srinagar) - Leh 220kV Transmission link (via 220/66kV Drass, Kargil, Khalsti Sub-stations) was successfully charged and connected with national grid on 31.01.2019 and subsequently Hon'ble PM inaugurated the same on 3/2/2019. The matter regarding taking over of assets of these transmission lines and associated 4nos. of 220/66kV substations, deployment of manpower for Operation & Maintenance is being pursued with JKPDD for last one year, but there is no response from JKPDD. He further informed that JKPDD has assured to provide its O&M manpower by August 2019 as per Minutes of Meeting held on 23-05-2019. He stated that expenditure is being incurred on O&M services for above assets since 01.02.2019 and requested JKPDD to reimburse the same to PGCIL at the earliest. Moreover, it will be difficult for PGCIL to provide services w.e.f. 01.09.2019.

CE (JKPDD), Jammu informed that this matter pertains to Kashmir Wing but he would discuss the matter with CE (S&O Wing), Kashmir.

**(b) Effective utilization of SLTS**

PGCIL informed that Alusteng Grid Station has been back charged through Kangan-Habak 132kV Transmission Line, which frequently trips leading instability of SLTS and de-synchronisation at Chutak and Nimmo HEPs of NHPC.

CE(PSPM) advised JKPDD to expedite the completion of Zainakote-Alusteng 220 kV D/C transmission line at the earliest for reliability and effective utilization of Srinagar-Leh Transmission System (SLTS).

**(c) Fibre Optic Communication Network (1800km: Jammu Region:964km & Kashmir Region: 836km) for 220 kV & 132 kV Transmission system in Jammu & Kashmir Region**

During the discussion, PGCIL raised the issue regarding laying of Fibre Optic Communication Network for their 220 kV & 132 kV Transmission system, which was agreed in MoU (signed in January 2012) for the purpose of voice & data communication to facilitate efficient management of power system in J&K. The project cost was Rs. 80.04 Crs. and till August, 2016, JKPDD has released Rs. 31.78 Crs. only. He further stated that the project activities are on hold for more than 2 years due to non-availability of funds from J&K Govt. Vendors are pressing hard for short closure of contracts (Contracts were placed in 2013). Bill has been raised on JKPDD for release of Rs.34.66 Crs., but the same has not yet been reimbursed. PGCIL stated that the matter has been taken up with J&K Govt. at highest level several times, but fund is not yet released to facilitate completion of works under the scheme.



CE (PSPM) advised PGCIL to provide details so that matter can be taken up with Development commissioner of JKPDD and also required CE, JKPDD to look into the matter.

**(d) Payment of PIA charges to PGCIL & RECPTCL**

RECPTCL & PGCIL raised the matter regarding non-payment of Project Implementation Agency (PIA) charges / consultancy charges by JKPDD as per MoU signed between RECPTCL & JKPDD and PGCIL & JKPDD. The payment towards PIA charges has not been released by JKPDD.

**After detail deliberations, Chief Engineer (PSPM) requested CE (JKPDD) to look into the matter and discuss with competent authority regarding payment of PIA charges to both RECPTCL & PGCIL as per MoU. He emphasized that JKPDD & RECPTCL should expedite the process of awarding the contract for remaining elements and JKPDD should expedite the process of handing over of land to executing agencies and to take up the matter of land acquisition with concerned authority to avoid further delay in implementation of projects leading to time & cost over-run. He further requested JKPDD, RECPTCL and PGCIL to expedite the construction activity as most of the projects are running behind schedule. He also requested CE(JKPDD) to develop their downstream network in matching time frame for effective utilization of transmission assets created for JKPDD under PMDP-2015.**

**Meeting ended with thanks to the chair.**

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**List of Participants**

**CEA**

- |                           |                             |
|---------------------------|-----------------------------|
| 1. Shri S.K.Ray Mohapatra | Chief Engineer (PSPM)       |
| 2. Shri Sanjay Jain       | Director (PSPM)             |
| 3. Shri R.K. Tiwari       | Dy. Director (PSPM)         |
| 4. Shri Rajesh            | Assistant Director (PSPM)   |
| 5. Shri Kanhaiya Kumar    | Assistant Director (PSPA-I) |

**POWERGRID**

- |                         |            |
|-------------------------|------------|
| 1. Shri K.K. Srivastava | CGM (I/C)  |
| 2. Shri Tarun Bajaj     | Sr. GM     |
| 3. Shri B.K. Singh      | GM         |
| 4. Shri Amar Jit        | CGM        |
| 5. Shri Hayuidu Kumar   | CM         |
| 6. Shri A.K. Vaish      | Consultant |

**RECTPCL**

- |                       |                    |
|-----------------------|--------------------|
| 1. Shri Rajesh Kumar  | Exe. Engineer      |
| 2. Shri Dheeraj Kumar | Dy. Exec. Engineer |

**JKPDD**

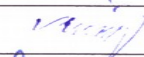
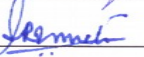

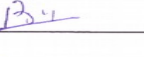
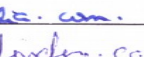
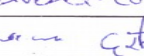
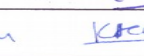

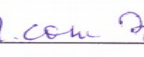

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|--------------------------|---------|
| 1. Shri Gurmeet Singh    | CE(S&O) |
| 2. Shri Sanjeev Rohmetra | XEN     |

## List of Participants

09.08.2019

CEA, Sewa Bhawan, R K Puram, New Delhi.

Meeting Agenda: Meeting to review the progress of Prime Minister Development package for transmission system

S.No.	Utility	Name	Designation	Mobile	Office/FAX	Email	Signature
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11	CEA	SK Malhotra	CE				
12	CEA	Sanjay Jain	Dir				
13	CEA	RK Tiwari	DD				
14	CEA	RAJESH	AD				
15							