

**Supplementary Agenda Item of 64th meeting of Operation and
Coordination Committee of MP**

**Item SA-1: Repeated incidence of cable thief in Power Grid bays of 400 KV Satpura -
Itarsi & Satpura - Koradi lines at Satpura Thermal Generating Stations.**

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The General Manager Asset Management , PGCIL WRTS-II Vadodara vide letter No. WRTS-II/AM/246/AV/1065/ 1410 dtd 20.06.2018 has pointed out repeated incidence of cable theft in Power Grid bays at Sarni Power House. Therein ,Power Grid has mentioned incidences of theft of control cables as narrated hereunder:-

Sr. No.	Date	Feeder details	Cable details
1.	06.05.17	400 KV Satpura Koradi	01 No 14CX2.5 sq. mm. of Circuit Breaker
2.	14.09.17	400 KV Satpura Itarsi	03 Nos 7CX2.5 sq. mm. of line CVT. 01 No. 14CX2.5 sq. mm. of Circuit Breaker.
3.	07.06.18	400 KV Satpura Itarsi	01 No. 19CX2.5 sq. mm. of line CVT

The G.M. (Asset Mgmt.) (letter enclosed as Annexure SA-1) has mentioned that for replacement of aforesaid cable around 3 Kms cables have been laid. It is evident that such persisting theft incidence at Sarni Generation Power Station is not desirable. Such incidences not only cause of loss of revenue but also theft of cables may cause security concerns of integrated system. The Chief Engineer (Power House) Sarni is requested to look into the matter and necessary steps may kindly be taken so that reoccurrences of theft incidence could be eliminated.

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पश्चिम क्षेत्र पारेषण प्रणाली-II, क्षेत्रीय मुख्यालय
Western Region Transmission System - II, Regional Headquarters

Ref: WRTS-II/AM/246/AV/ 1065 /1410

To,

Executive Director (O&M-Gen)
M.P. Power Generation Company Ltd,
Block No.-6, Shakti Bhavan Rampur,
Jabalpur - 482008.

CE, SLDC, MPPTCL	
R/No: 3135	Date: 14 June 2018
Date: 6 JUN 2018	20
Adl. C.E.	
S.E. (Opp)	
S.E. (APTRDA)	
S.E. (LDRAD)	
EE (CONET)	

MD, MPPTCL

Lr. No. 1313

Date 25/06/18

Sub: Repeated Incidence of Cable theft in POWERGRID Bays of 400kV Satpura Itarsi & Satpura Koradi Lines at Satpura Thermal Generating Stations.

With reference to the subject matter, you may be aware that POWERGRID is having bays of 400kV Satpura - Koradi and 400kV Satpura - Itarsi lines at Satpura Generating Station. Herein, in last one year there had been three instances of theft of Control cable as detailed below: -

Sr. No.	Date	Feeder detail	Cable detail
1.	06/05/17	400kV Satpura Koradi	01 No 14CX2.5 sq. mm. of Circuit Breaker
2.	14/09/17	400kV Satpura Itarsi	03 Nos 7CX2.5 sq. mm. of Line CVT 01 No 14CX2.5 sq. mm. of Circuit Breaker
3.	07/06/18	400Kv Satpura Itarsi	01 No 19CX2.5 sq. mm. of Line CVT

For replacement of above said cables, around 3kMs cables have been laid. It is very difficult to keep 400kV lines in service under such persisting theft. Supply to MPPTCL from Satpura Generating station of MPPGCL is getting disrupted due to these thefts. Earlier letters given in this regard are attached herewith for ready reference.

In this regard, it is requested to please look into the above issues of theft at Satpura Generating stations as this may cause greater disturbance.

Matter may be treated as MOST URGENT please.

Thanking you,

Yours sincerely,

 (Surendra Prasad)
 General Manager (Asset Mgmt.)

Copy to:

1. MD-MPPTCL, Board Room, Shakti Bhavan, Rampur, Jabalpur - 482008
2. MD-MPPGCL, Board Room, Shakti Bhavan, Rampur, Jabalpur - 482008
3. MS-WRPC, Plot No. F-3, MIDC Area, Marol, Opp. SEEPZ, Andheri (East), Mumbai
4. ED-WRLDC, Plot No. F-3, MIDC Area, Marol, Opp. SEEPZ, Andheri (East), Mumbai

पावरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



400 के वी उपकेंद्र, पौवान, 81, बैतूल रोड, पथरौटा इटारसी-461111 त्रि-होशंगाबाद (म.प्र.)
400KV Sub-Station, Betul Road, P. Box No. 81, Pathrota, ITARSI-461111 Dist-Hoshangabad (M.P.)
दूरभाष/Phone-261103 261105 फैक्स/Fax-07572-261103 तार/Gram NATGRID

WR-2/IT/SS/ 108
To,

Dtd 08.06.2018

The Chief Engineer,
Satpura Thermal Power Station,
MPPGCL, Sarni
Dist.- Betul (MP)
Pin Code - 460 447.

SUB. : Regarding Tripping of Sarni-Itarsi Line on Dated: 07.06.2018.

Ref our Letter: WR-2/IT/SS/312 Dated: 21.10.2017

Dear Sir,

It is to inform that, on dated 07.06.18 at 03:18hrs the Sarni-Itarsi line got Auto tripped on VT fuse fail at sarni end only and line was in charged condition from Itarsi end. The same line was H/T at 04:10hrs from Itarsi end after receiving instruction from RTAMC/RLDC.

On analysis of fault we found that the CVT main #1 relay cable 19X2.5sqmm got cut and found burnt in the switchyard cable trench.

The above cables 19X2.5sqmm was laid on dated: 16.09.17 in order to restore the system as there had been case of cable theft.

Powergrid is very much concern on this issue that there are frequent cable theft from the premises of esteemed organization of MP Govt MPPGCL.

It is very much painful to learn that within a span of 04months Powergrid laid approximately 3km cables due to cut/theft of cables in the switchyard trench.

Kindly look into the matter and take necessary actions to ensure the safety and security of installation within your premisses so as to further reoccurrence of theft cases are avoided.

Thanking you.

Yours Faithfully

J. B. Tiwari
Chief Manager.

Copy to: 1. DGM, AM (RHO, VADODARA).

पावरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)



400 के वी उपकेंद्र, पो.ब.नं.81, बतूल रोड, पधरीटा, इटारसी-461111 जि.-होशंगाबाद (म.प्र.)
400KV Sub-Station, Betul Road, P.Box No. 81, Pathrota, ITARSI-461111 Dist-Hoshangabad (M.P.)
दूरभाष/Phone-261103,261105 फ़ैक्स/Fax-07572-261103 तार/Gram 'NATGRID'

WR-2/IT/SS/

Dtd : 21.10.2017

To,

The Superintending Engineer (T&C), Phase-III
Satpura Thermal Power Station,
MPPGCL, Sarni
Dist.- Betul (MP)
Pin Code - 460 447

SUB. : Regarding Tripping of Sarni-Koradi Line on Dated; 20.10.2017.

Dear Sir,

With Ref to Your Letter: SE/STP/ET&I/III/T&C/2037 Dated: 21.10.2017 it is mentioned that Sarni-Koradi line got tripped on 20.10.2017. due to 01no Circuit Breaker cable 14X2.5sqmm got open.

It is to inform that , on dated 06.05.2017 Sarni-Koradi Line got tripped on pole discrepancy and after checking the cables , the same above said cable and Circuit Breaker Trip Coil -2 Ckt cable was found open (Tripping Report Enclosed) and new cables was laid on dated: 07.05.2017. Upon analysis of the cable it is found that the cable has been cut in the cable trench.

In the month of Sep'17 on dated 14.09.17 the Sarni-Itarsi line got tripped on over voltage (Tripping Report Enclosed) and on analysis we found that the all the cores of 7X2.5sqmm of 03nos cables of CVT are open and 01no alarm circuit cable of 14X2.5sqmm of Circuit Breaker were open. The above said cables had been laid on dated: 16.09.2017.

Within the span of 04months period we laid approximately 2.5Km cables due to cutting / theft of cables in the trench. (Photographs enclosed).

So kindly look into the matter and take necessary action to avoid further theft / cutting of cables within your security premises

Thanking you.

Yours Faithfully

J. B. Tiwari

Chief Manager.

Copy to: 1. The CE(Gen) STPS, MPPGCL
2. DGM, AM (RHO, VADODARA)

