

DISCREPANCY REPORT FOR WEEK-22 (2017-18)
(28.08.2017 to 03.09.2017)

I. Active Energy Accounting

1. Following main meter readings were replaced with Standby/Check meter readings due to non availability of main meter readings.

| Sl.no | Loc.ID & SEM ID | Date | Location | Feeder/ICT | Replaced with LOC.ID & SEM Sl.no | Remarks |
|-------|--------------------|------|----------|------------|----------------------------------------|---------|
| | NIL | | | | | |

2. Following main meter readings were replaced with Standby/Check meter readings due to discrepancies in main meter readings.

| Sl.no | Loc.ID & SEM ID | Date | Location | Feeder/ICT | Replaced with LOC.ID & SEM Sl.no | Remarks |
|-------|----------------------|----------------------------|--------------------|-------------------|----------------------------------------|-----------------------------------------|
| 1 | (MH-31) NP-2458-A | 21.08.17 to 27.08.17 | PADGHE (MSETCL) | 400kV Boisar line | (MH-35) NP-2222-A | Inconsistent data Action: Padghe |

2. Following Adjustment values are added to the main meter data due to discrepancy in the Main meter data for few time blocks.

| Sl.no | Loc.ID & SEM ID | Date | Time blocks | Location | Feeder/ICT | Name of Report where Adjustment value added |
|-------|--------------------|------|-------------|----------|------------|---------------------------------------------------|
| | NIL | | | | | |

3. New Transmission Elements Synchronized with ISTS (Considered for accounting).

NIL

4. New Generating units Synchronized with ISTS (Considered for accounting).

i) RKM Unit-3 was first time synchronized on 31/08/17. Consider data in column no. 6 for firm generation and column no. 7 for infirm generation in RK1 report.

5. Generating units Declared CoD (Considered for accounting).

NIL

6. Duration of Non availability of Master frequency meter data at 400KV Korba STPS

(Mahan line).

i) NIL

7. Congestion Application and withdrawal status.

NIL

8. Details of operation of SSP units in synchronous condenser mode (SCO).

| Sl. No. | Date | RBPH Unit under Synchronous Condenser Operation (SCO) | Time of Start in SCO | Time of Stop in SCO | Total SCO Hours |
|---------|------------|-------------------------------------------------------|----------------------|---------------------|-----------------|
| | | | WRLDC Code | WRLDC Code | |
| 1 | 28.08.2017 | 3 | 20:00 | 24:00:00 | 24:40:00 |
| | | | 2429 | CONT. | |
| | | 4 | 0:00 | 11:40 | |
| | | | CONT. | 2387 | |
| | | 6 | 0:00 | 9:00:00 | |
| | | | CONT. | 2369 | |
| 2 | 29.08.2017 | 1 | 13:40 | 24:00:00 | 38:07:00 |
| | | | 2545 | CONT. | |
| | | 3 | 0:00 | 6:37 | |
| | | | CONT. | 2510 | |
| | | | 21:35 | 24:00:00 | |
| | | | 2581 | CONT. | |
| | | 4 | 13:30 | 24:00:00 | |
| | | | 2545 | CONT. | |
| | | 6 | 0:15 | 6:40 | |
| | | | 2439 | 2510 | |
| | | | 22:10 | 24:00:00 | |
| | | | 2584 | CONT. | |
| 3 | 30.08.2017 | 1 | 0:00 | 5:30 | 50:41:00 |
| | | | CONT. | 2600 | |
| | | 3 | 0:00 | 7:05:00 | |
| | | | CONT. | 2610 | |
| | | | 22:46 | 24:00:00 | |
| | | 4 | 2683 | CONT. | |
| | | | 0:00 | 8:00 | |
| | | 4 | CONT. | 2614 | |
| | | 5 | 4:30 | 9:22 | |

| | | | | | |
|---|------------|---------|-------|----------|----------|
| | | | 2599 | 2621 | |
| | | 6 | 0:00 | 24:00:00 | |
| | | | CONT. | CONT. | |
| 4 | 31.08.2017 | 2 | 2:00 | 7:15:00 | 48:37:00 |
| | | | 2688 | 2698 | |
| | | 3 | 0:00 | 10:50:00 | |
| | | | CONT. | 2710 | |
| | | | 21:45 | 24:00:00 | |
| | | | 2753 | CONT. | |
| | | 4 | 0:13 | 24:00:00 | |
| | | | 2685 | CONT. | |
| 6 | 0:00 | 6:30:00 | | | |
| | CONT. | 2694 | | | |
| 5 | 01.09.2017 | 3 | 0:00 | 5:50:00 | 36:20:00 |
| | | | CONT. | 15 | |
| | | 4 | 0:00 | 6:55:00 | |
| | | | CONT. | 21 | |
| | | 5 | 0:00 | 9:05 | |
| | | | CONT. | 31 | |
| | | | 20:30 | 24:00:00 | |
| | | | 121 | CONT. | |
| 6 | 0:50 | 11:50 | | | |
| | 3 | 67 | | | |
| 6 | 02.09.2017 | 2 | 1:10 | 6:55 | 22:05:00 |
| | | | 144 | 157 | |
| | | 5 | 0:00 | 7:00 | |
| | | | CONT. | 157 | |
| | | 6 | 2:40 | 7:05 | |
| | | | 149 | 157 | |
| | | | 19:05 | 24:00:00 | |
| | | | 201 | CONT. | |
| 7 | 03.09.2017 | 2 | 0:55 | 7:45:00 | 26:57:00 |
| | | | 217 | 227 | |
| | | 3 | 17:20 | 24:00:00 | |
| | | | 251 | CONT. | |
| | | 4 | 17:28 | 24:00:00 | |
| | | | 251 | CONT. | |
| | | 6 | 0:00 | 6:55:00 | |
| | | | CONT. | 224 | |

9. CT/PT Errors Reported

NIL

10. Suspected meters that need to be replaced/ or CT ratio to be reviewed.

The Injection at following stations was negligible.

| S.No | Generating Station | S.No | Generating Station |
|------|--------------------|------|--------------------|
| 1 | LARA | 3 | SKS |
| 2 | TRN Energy | 4 | KWPCL |

There was drawal from the grid. Large spikes and erratic data were recorded.

10. Time Drift.

- No Time drift report has been received from substations except from KAPS and Sipat.
- Time drift is suspected in the following SEMs due to inconsistent capture of change in energy flow by the SEMs:

| Sr.No. | Meter Id | Description |
|--------|-----------|-------------------------------------------------|
| 1 | NP-2296-A | 400kV Padghe line-1 at TAPS3&4 |
| 2 | NP-2123-A | 400kV TAPS 3&4 line-1 at Padghe |
| 3 | NP-6245-A | 400kV side of Ranchi line-1 at SIPAT(NTPC) |
| 4 | NP-6829-A | 765kV Gwalior line-2 at Bina(PGCIL) |
| 5 | NP-6367-A | 765kV Bina(PGCIL) line-2 at Gwalior |
| 6 | NP-2553-A | 400kV Damoh line-1 at Bhopal |
| 7 | NP-6850-A | 400kV Bhopal line-1 at DAMOH(PG) |
| 8 | NP-6287-A | 400kV Sterlite(ER) line at Raigarh(PG) |
| 9 | NP-6254-A | 765KV Side of ICT-2 AT Wardha |
| 10 | NP-6730-A | 400KV Side of ICT-2 AT Wardha |
| 11 | NP-5759-A | 400KV BINA(MP) line-4 at Bina(PG) |
| 12 | NP-2714-A | 400KV BINA(PG) line-4 at Bina(MP) |
| 13 | NP-2743-A | 400kv BDTCL line-2 at Bhopal (MP) |
| 14 | NP-2719-A | 400KV Bhopal(MP) Line-2 at BDTCL |
| 15 | NP-5755-A | 765KV Jaipur(Phagi_NR) line 1 at Gwalior(PG) |
| 16 | NP-8274-A | 765KV Gwalior(PG) line 1 at Jaipur(Phagi_NR) |
| 17 | NP-8824-A | 400kV Aurangabad(PG) line-2 at Aurangabad(MSEB) |
| 18 | NP-8747-A | 400KVAurangabad(MSEB) line-2 at Aurangabad(PG) |
| 19 | NP-4229-A | 400kV Shujalpur line-1 at Nagda |
| 20 | NP-6369-A | 400KV Nagda line-1 at Shujalpur(PG) |
| 21 | NP-2184-A | 400kV Asoj line-1 at Indore |
| 22 | NP-5450-A | 220kV Haldarwa line-1 at Kawas |
| 23 | NP-5765-A | 400kV Nagda line-2 at Dehgam |

| | | |
|----|-----------|--------------------------------------------------|
| 24 | NP-2238-A | 400kV Dehgam line-2 at Nagda(MP) |
| 25 | NP-6431-A | 400KV PIRANA(TPL) LINE-1 AT PIRANA(PG) |
| 26 | NP-6432-A | 400KV PIRANA(TPL) LINE-2 AT PIRANA(PG) |
| 27 | NP-6357-A | 400KV Kasor line-1 at Rajgarh(PG)(Reliance line) |
| 28 | NP-4222-A | 400kV Bhopal line-1 at Itarsi |
| 29 | NP-4225-A | 400kV Itarsi line-1 at Bhopal |
| 30 | NP-2386-A | 400kV Bhopal line-2 at Itarsi |
| 31 | NP-4226-A | 400kV Itarsi line-2 at Bhopal |
| 32 | NP-2145-A | 400kV Itarsi line-2 at Indore |
| 33 | NP-2276-A | 400kV Indore line-2 at Itarsi |
| 34 | NP-2799-A | 400kV Dharamjaygarh line-1 at BALCO |
| 35 | NP-8878-A | 765KV Nizamabad line-2 at Wardha(PG) |

Time drift was observed in 400 kV ACBIL-Bilaspur circuit 1 & 2 meters due to which manual adjustment has to be put in the ACBIL reports. ACBIL and Bilaspur are requested to submit time drift report.

Concerned utilities are advised to examine and take corrective actions, if necessary.

11. Losses considered for wheeling transactions.

As per the decision taken in 33 TCC/WRPC meeting, loss credit to be given to Gujarat/Maharashtra for wheeling of power to DD/GOA for following lines.

A) DD drawal

- a. 66KV Dalwada line at Vapi
- b. 66KV Dabhel line at Vapi
- c. 66KV Diu line at Una
- d. 66KV Diu line at Dhokadwa

Credit to Gujarat: STU loss considered **4.35 %** as seen on 18/08/17 at SLDC Gujarat website.

B) GOA drawal

- a) 220kv Tillari line at Amona
- b) 220KV Mahalakshmi line at Amona

Credit to Maharashtra: STU loss considered **3.62 %**

II. Reactive Energy Accounting.

1. Following lines could not be included in REC accounts due to non availability of main meter readings.

NIL