



भारत सरकार
केन्द्रीय विद्युत प्राधिकरण
दक्षिण क्षेत्रीय विद्युत समिति
29, रेस कोर्स क्रॉस रोड
बंगलूर :-560 009



Government of India
Central Electricity Authority
Southern Regional Power Committee
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सं. दक्षेविस /अअ.1/3(रियक्टिव)/2021/

No. SRPC/SE-1/3(Reac)/2021/

दिनांक /Dated: 4-May, 2021

सेवा में / To

वितरण सूची के अनुसार

As per Distribution List

विषय: 19/04/21 से 25/04/21 तक की अवधि के लिए संकुलन प्रभार लेखा।

Sub: Reactive Energy Account for the week of 19/04/21 to 25/04/21 - Reg

महोदय /Sir,

साप्ताहिक रियाक्टिव एनर्जी लेखा (संशोधित) भेजी जा रही है, जिसमें देय / प्राप्य राशी के विवरण शामिल है। रियाक्टिव एनर्जी शुल्क / उसके लिए भुगतान संशोधित सी. ई. आर. सी (आ. ई. जी. सी.) विनियम 2012 के क्लॉज 6.6(2) के अनुसार होगा, जो 10 पैसे / के. वी. ए. आर. एच होंगे और प्रतिवर्ष 0.5 पैसे / के. वी. ए. आर. एच के दर पर वृद्धि की जाएगी, अन्यथा सी ई आर सी द्वारा संशोधन किया जाए। वर्तमान में प्रति किवीएआरएच का दर 15.5 पैसे हैं। रियाक्टिव एनर्जी लेखा, जो जिप फार्मट में है, एस. आर. पी. सी. के वेब साइट www.srpc.kar.nic.in में भी उपलब्ध है।

The weekly statement of Reactive Energy Charges giving details of payables / receivables with the pool and between beneficiaries, in rupees, for the period is sent herewith. The rate for charge / payment for reactive energy will be governed as per clause 6.6 (2) of CERC (Indian Electricity Grid Code) Regulations, 2012 which shall be 10 paise./ KVARh and shall be escalated at 0.5 paise /KVARh per year thereafter, unless otherwise revised by CERC. Presently, the rate is 15.5 Paise/KVARh for Year 21-22.

The Reactive Energy Account, which is in zip format, is also available at SRPC web site, www.srpc.kar.nic.in.

भवदीय, Yours faithfully

(मेका रामकृष्ण /MEKA RAMAKRISHNA)

अधीक्षण अभियन्ता(वा)/Superintending Engineer(C)

संलग्नक:यथोपरि Encl: as above

Statement of Reactive Energy Charges

For The Period From 19/04/21 To 25/04/21

A. REACTIVE ENERGY CHARGES WITH THE POOL

Entity	AMOUNT	AMOUNT-Pro Rata (Rs)	PAYABLE(-)/RECEIVABLE(+)
ANDHRA PRADESH	9298443.69	9,96,101	Receivable From Pool
KARNATKA	17878047.926	19,15,196	Receivable From Pool
KERALA	2229344.337	2,38,820	Receivable From Pool
TAMIL NADU	1655088.297	1,77,302	Receivable From Pool
PUDUCHERRY	217478.702	23,298	Receivable From Pool
TELANGANA	-3350717.014	33,50,717	Payable To Pool

B. NET REACTIVE CHARGES BETWEEN ENTITES

(as per decision in the 132nd & 140th meeting of SRE Board)

Entity Payable → in Rs	ANDHRA PRADESH	KARNATAKA	KERALA	TAMIL NADU	TELANGANA	PUDUCHERRY
ANDHRA PRADESH	N/A	0	N/A	0	9,03,086	0
KARNATAKA	0	N/A	0	0	0	N/A
KERALA	N/A	0	N/A	31,386	N/A	118
TAMIL NADU	0	124	0	N/A	N/A	N/A
TELANGANA	0	0	N/A	N/A	N/A	N/A
PUDUCHERRY	21,432	N/A	0	N/A	N/A	N/A

These payments shall also have a high priority and the concerned regional entities and other regional entities shall pay the indicated amount into Regional Reactive Pool Account, operated by SRLDC, within 10 (ten) days of statement issue. The regional entities who have to receive the money on account of VAR charges would then be paid out from the Regional Reactive Account, within 2 (two) working days. In case of delayed payments against this beyond twelve days from the date of issue of statement, the defaulting regional entities shall have to pay simple interest @ 0.04% for each day of delay. The interest so collected shall be paid to the regional entities who had to receive the amount, payment of which got delayed.

For VAR exchanges between constituents on state owned inter-state lines in Southern Region the payment for VAR charges will be in line with clause 6.6.7 (iii) of IEGC, as approved by the Board in 140th Meeting of SREB held on 18.3.2006.

C. DETAILS OF REACTIVE ENERGY DRAWAL/INJECTIONS BY BENEFICIARIES WITH THE POOL

SEM meter readings are given below without considering the Sign/Polarity:

ANDHRA PRADESH

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
AC-01	P	400kV side of ICT 1 AT CUDDAPAH	CUDDAPAH	1051.996	0
AC-03	P	400kV side of ICT 2 AT CUDDAPAH	CUDDAPAH	1696.79	0
AC-05	P	400KV SIDE OF ICT 3 AT CUDDAPAH	CUDDAPAH	2862.912	0
AC-12	N	400KV CUDAPPAH LINE AT CHITTOOR	Chittoor	-2800	0
AC-13	N	400kV SRIPERUMBUDUR LINE AT CHITTOOR	Chittoor	1306.911	0
AC-15	N	400KV THIRUVALEM LINE 1 AT CHITTOOR	Chittoor	10555.625	0
AC-16	N	400KV THIRUVALEM LINE 2 AT CHITTOOR	Chittoor	10371.637	0
AG-11	P	400KV SIDE OF ICT 1 AT GOOTY	Gooty	-437.273	0
AG-13	P	400kV side of ICT 2 AT GOOTY	Gooty	-1665.597	0
AG-16	P	400KV SIDE OF ICT 3 AT GOOTY	Gooty	-1938.551	0
AG-43	P	400kV HVDC SOUTH BUS 1 AT GAZUWAKA	Gazuwaka	-3338.182	0
AG-44	P	400kV HVDC SOUTH BUS 2 AT GAZUWAKA	Gazuwaka	414.545	0
AG-48	P	400kV POLE 2 SOUTH BUS AT HVDC GAZUWAKA	Gazuwaka	11931.999	0
AG-49	N	400KV SIMHADRI LINE 2 AT GAZUWAKA	Gazuwaka	805.455	0
AG-50	N	400KV SIMHADRI LINE 1 AT GAZUWAKA	Gazuwaka	1361.094	0
AG-51	N	400KV VEMAGIRI (PG) LINE AT GAZUWAKA	Gazuwaka	-5126.548	0
AH-51	N	400KV NP KUNTA LINE-1 AT HINDUPUR	Hindupur	2945.455	0
AH-52	N	400KV NP KUNTA LINE-2 AT HINDUPUR	Hindupur	2593.466	0
AK-31	N	400kV GOOTY LINE AT KURNOOL	Kurnool	-10270.185	0
AK-32	N	400KV MAHESHWARAM LINE AT KURNOOL	Kurnool	-9097.457	0
AK-34	N	400KV NEW KURNOOL LINE 1 AT KURNOOL (AP)	Kurnool	5656.364	0
AK-35	N	400KV NEW KURNOOL LINE-2 AT KURNOOL (AP)	Kurnool	5540.739	0
AK-45	P	33KV SIDE TERTIARY TRANSFORMER AT KURNOOL	Kurnool	0.239	0

AM-31	N	400KV SRIKAKULAM LINE 1 AT MARADAM	MARADAM	-866.932	0
AM-32	N	400KV SRIKAKULAM LINE 2 AT MARADAM	MARADAM	-908.352	0
AN-01	P	400KV NELLORE (AP) INTERCONNECTOR 1 AT NELLORE (PG)	Nellore PG	3407.273	0
AN-03	P	400KV NELLORE (AP) INTERCONNECTOR 2 AT NELLORE (PG)	Nellore PG	1089.46	0
AN-17	N	400KV VIJAYAWADA LINE AT NELLORE (AP)	Nellore AP	-2562.543	0
AN-18	N	400KV VTPS LINE AT NELLORE (AP)	Nellore AP	-3263.999	0
AN-21	P	400kV side of ICT 1 AT NSAGAR	Nagarjunasagar	7994.183	0
AN-23	P	400kV side of ICT 2 AT NSAGAR	Nagarjunasagar	6395.277	0
AN-25	P	400kV side of ICT 3 AT NSAGAR	Nagarjunasagar	6383.097	0
AN-69	P	33KV SIDE OF TERTIARY OF ICT 2 AT NELLORE PS	Nellore PG	3.402	0
AS-17	N	400KV CPETA-1 LINE AT SATTENAPALLI	Sattenapalli	14024.034	0
AS-18	N	400KV CPETA-2 LINE AT SATTENAPALLI	Sattenapalli	14032.727	0
AS-33	P	TERTIARY OF ICT-1 AT SRIKAKULAM	SRIKAKULAM	0	0
AV-11	N	400KV VEMAGIRI(PG) LINE AT VIJAYAWADA	Vijayawada	-8134.545	0
AV-12	N	400kV KHAMMAM LINE AT VIJAYAWADA	Vijayawada	-10493.102	0
AV-13	N	400KV NELLORE LINE 1 AT VIJAYAWADA	Vijayawada	-13069.091	0
AV-14	N	400KV NELLORE LINE 2 AT VIJAYAWADA	Vijayawada	-7347.267	0
AV-17	N	400KV VEMAGIRI LINE 3 AT VIJAYAWADA	Vijayawada	-64.744	0
AV-18	N	400KV VEMAGIRI LINE 4 AT VIJAYAWADA	Vijayawada	498.908	0
AV-19	N	400KV NELLORE LINE 3 AT VIJAYAWADA	Vijayawada	-9927.273	0
AV-51	N	400KV NELLORE LINE AT VTPS	VTPS	-4858.182	0
AV-85	P	33KV SIDE OF TERTIARY OF ICT-1 AT VEMAGIRI(PG)	VEMAGIRI	0.198	0
AV-87	N	400 KV VEMAGIRI(AP)-VEMAGIRI(PG)-1	VEMAGIRI	-1229.46	0
AV-88	N	400 KV VEMAGIRI(AP)-VEMAGIRI(PG)-2	VEMAGIRI	-2526.193	0
LK-01	N	400KV LANCO LINE 1 AT VIJAYAWADA	Vijayawada	0	0

LK-03	N	400KV LANCO LINE 2 AT VIJAYAWADA	Vijayawada	-1284.73	0
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TELANGANA

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
AG-01	N	400kV HYDERABAD LINE AT GAJVEL	Gajwel	7168.363	0.369
AG-02	N	400kV RAMAGUNDAM LINE AT GAJVEL	Gajwel	8155.994	0
AH-11	N	400KV GAJWEL LINE AT HYDERABAD	Hyderabad	-4031.633	0
AH-12	N	400KV MAHESHWARAM (PGCIL) LINE AT HYDERABAD	Hyderabad	-8391.648	0
AH-14	N	400kV MALKARAM LINE AT HYDERABAD	Hyderabad	-3562.528	0
AH-16	N	400KV NSAGAR LINE AT HYDERABAD	Hyderabad	-9348.721	0
AH-17	N	400kV RAMAGUNDAM 3 LINE AT HYDERABAD	Hyderabad	-1601.818	0
AH-18	N	400kV RAMAGUNDAM 4 LINE AT HYDERABAD	Hyderabad	-1311.275	0
AK-09	N	400KV NSAGAR LINE 2 AT KHAMMAM	Khammam	-8037.812	0
AK-10	N	400KV NSAGAR LINE 3 AT KHAMMAM	Khammam	-8058.182	0
AK-17	N	400KV NSAGAR LINE-1 AT KHAMMAM	Khammam	-7397.443	0
AK-18	N	400kV VIJAYAWADA LINE AT KHAMMAM	Khammam	7157.074	0
AK-19	N	400kV WARANGAL LINE AT KHAMMAM	Khammam	3248.721	0
AM-01	N	400kV NSAGAR LINE AT MEHABOBNAGAR	Mehaboobnagar	0	0
AM-02	N	400KV RTPS LINE AT MEHABOBNAGAR	Mehaboobnagar	8438.182	0
AM-21	N	400kV HYDERABAD LINE AT MALKARAM	Malkaram	6307.642	0
AM-22	N	400kV RAMAGUNDAM LINE AT MALKARAM	Malkaram	781.449	0
AW-13	N	400kV RAMAGUNDAM LINE AT WARANGAL	Warangal	8423.636	0
AW-14	N	400KV KHAMMAM LINE AT WARANGAL	Warangal	-13416.364	0
GD-03	N	400KV NIZAMABAD LINE-1 AT DITCHIPALLI	Dichipally	9029.091	0
GD-04	N	400KV NIZAMABAD LINE-2 AT DITCHIPALLI	Dichipally	9123.636	0

GM-12	N	400KV SIDE OF ICT-1 AT MAHESHWARAM	Maheshwaram	21002.173	0
GM-14	N	400KV SIDE OF ICT-2 AT MAHESHWARAM	Maheshwaram	21041.441	0
GM-21	N	400KV KURNOOL LINE MAHESHWARAM	Maheshwaram	-7189.091	0
GM-22	N	400KV HYDERABAD(GHANAPUR) LINE AT MAHESHWARAM	Maheshwaram	3347.983	0
GM-25	N	400KV MAHABOBNAGAR LINE -1 AT MAHESHWARAM	Maheshwaram	-4253.453	0
GM-26	N	400KV MAHABOBNAGAR LINE -2 AT MAHESHWARAM	Maheshwaram	-4106.175	0
GM-81	N	400KV MAHESHWARAM(PGCIL) LINE-1 AT MEHABOBNAGAR	Mehaboobnagar	-3518.537	0
GM-82	N	400KV MAHESHWARAM(PGCIL) LINE-2 AT MEHABOBNAGAR	Mehaboobnagar	-3464.73	0
GN-05	P	33KV SIDE OF TERTIARY OF ICT-1 AT NIZAMABAD	NIZAMABAD	-4.765	0
GS-01	N	400KV NIZAMABAD LINE-1 AT SHANKARPALLY	Shankarpally	-1906.875	0
GS-02	N	400KV NIZAMABAD LINE-2 AT SHANKARPALLY	Shankarpally	-2015.966	0

KARNATAKA

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
CB-11	P	400KV SIDE OF ICT 1 AT BIDADI	Bidadi	130.54	0
CB-13	P	400KV SIDE OF ICT 2 AT BIDADI	Bidadi	72.727	0
CB-51	N	400KV PAVAGADA LINE-1 AT BELLARY PS(BPS)	BELLARY PS	-1275.255	0
CB-52	N	400KV PAVAGADA LINE-2 AT BELLARY PS(BPS)	BELLARY PS	-1682.173	0
CD-01	N	400KV YELAHANKA LINE -1 AT DEVANAHALLI	Devanahalli	-3861.818	0
CD-02	N	400KV PAVAGADA LINE -1 AT DEVANAHALLI	Devanahalli	-7563.636	0
CD-03	N	400KV PAVAGADA LINE -2 AT DEVANAHALLI	Devanahalli	-7727.273	0
CG-13	N	400KV KAIGA LINE 1 AT GUTTUR	Guttur	-1511.279	0
CG-14	N	400KV KAIGA LINE 2 AT GUTTUR	Guttur	-1642.557	0
CG-16	N	400KV NARENDRA LINE 1 AT GUTTUR	Guttur	-763.274	0
CG-17	N	400KV NARENDRA LINE 2 AT GUTTUR	Guttur	-780	0
CH-06	N	400KV KOLAR LINE-1 AT HOODY	Hoody	3694.545	0
CH-07	N	400KV KOLAR LINE-2 AT HOODY	Hoody	3788.721	0

CH-21	N	400KV MYSORE LINE 1 AT HASSAN	Hassan	-8269.46	0
CH-22	N	400KV MYSORE LINE 2 AT HASSAN	Hassan	-8356.364	0
CH-57	N	400KV PAVAGADA LINE-1 AT HIRIYUR	HIRIYUR	-5434.886	0
CH-58	N	400KV MYSORE LINE-1 AT HIRIYUR	HIRIYUR	-7495.994	0
CK-11	P	400kV side of ICT 1 AT KOLAR	Kolar	3086.903	0
CK-13	P	400kV side of ICT 2 AT KOLAR	Kolar	4113.835	0
CM-12	N	400KV RTPS LINE AT MUNIRABAD	Munirabad	671.988	0
CM-13	N		Mylasandra	-378.182	0
CM-14	N		Mylasandra	-1389.091	0
CM-21	P	400KV SIDE OF ICT 1 AT MYSORE	Mysore	-447.707	0
CM-23	P	400kV side of ICT 2 AT MYSORE	Mysore	-459.707	0
CM-27	P	400KV SIDE OF ICT 3 AT MYSORE	Mysore	-753.807	0
CM-51	P	400KV SIDE OF ICT 1 AT MADHUGIRI	MADHUGIRI	8270.183	0
CM-53	P	400KV SIDE OF ICT 2 AT MADHUGIRI	MADHUGIRI	-1795.639	0
CM-55	P	400KV SIDE OF ICT 3 AT MADHUGIRI	MADHUGIRI	-2180.724	0
CN-11	N	400KV BIDADI LINE 1 AT NELAMANGALA	Nelamangala	-2173.452	0
CN-12	N		Nelamangala	0	0
CN-13	N	400kV GOOTY LINE AT NELAMANGALA	Nelamangala	10087.273	0
CN-17	N	400KV MYSORE LINE 1 AT NELAMANGALA	Nelamangala	-6721.094	0
CN-18	N	400KV MYSORE LINE 2 AT NELAMANGALA	Nelamangala	-6455.27	0
CN-19	N	400KV YELAHANKA LINE 2 AT NELAMANGALA	Nelamangala	0	0
CN-20	N	400KV BIDADI LINE-2 AT NELAMANGALA	Nelamangala	-2207.642	0
CN-31	P	400kV side of ICT 1 AT NARENDRA	Narendra	10227.273	0
CN-33	P	400kV side of ICT 2 AT NARENDRA	Narendra	8704	0
CR-11	N	400KV RAICHUR (PG) 1 LINE AT RTPS	Raichur	-4358.182	0
CR-12	N	400KV RAICHUR (PG) 2 LINE AT RTPS	Raichur	-5222.912	0
CR-14	N	400KV MUNIRABAD LINE AT RTPS	Raichur	-3144.727	0
CR-15	N	400KV MEHBOOBNAGAR LINE AT RTPS	Raichur	-4728.352	0

CS-01	P	400kV side of ICT 1 AT SOMANAHALLI	Somanahally	6474.191	0
CS-03	P	400KV SIDE OF ICT 2 AT SOMANAHALLI	Somanahally	1872.358	0
CS-05	P	400KV SIDE OF ICT-3 AT SOMANAHALLI	Somanahally	1858.544	0
CY-03	P	400KV SIDE OF ICT-1 AT YELAHANKA	Yelahanka	670.185	12.363
CY-05	P	400KV SIDE OF ICT-2 AT YELAHANKA	Yelahanka	625.455	14.909
RC-19	P	33KV SIDE (TERTIARY) OF ICT-1 AT RAICHUR	RAICHUR 765kV	0.565	0

KERALA

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
KC-01	P	400KV SIDE OF ICT 1 AT COCHIN	Kochi	-393.392	0
KC-03	P	400KV SIDE OF ICT 2 AT COCHIN	Kochi	-362.838	0
KE-01	N	220KV TIRUNELVELI LINE 1 AT EDAMON	Edamon	-6244.163	0
KE-02	N	220KV TIRUNELVELI LINE 2 AT EDAMON	Edamon	-5963.839	0
KK-21	N	400KV MYSORE LINE -1 AT KOZHIKODE	KOZHIKODE	-1477.813	0
KK-22	N	400KV MYSORE LINE -2 AT KOZHIKODE	KOZHIKODE	-1413.437	0
KP-11	P	400kV side of ICT 1 AT PALAKKAD	Palakkad	353.676	0
KP-13	P	400kV side of ICT 2 AT PALAKKAD	Palakkad	414.324	0
KT-01	P	400KV TRICHUR(KSEB) INTERCONNECTOR 1 AT TRICHUR(PG)	Trichur	-201.818	0
KT-03	P	400KV TRICHUR(KSEB) INTERCONNECTOR 2 AT TRICHUR(PG)	Trichur	-75.27	0
KT-21	P	400kV side of ICT 1 AT TRIVANDRAM	Trivandrum	-222.984	0
KT-23	P	400kV side of ICT 2 AT TRIVANDRAM	Trivandrum	-136.364	0
KT-25	P	400kV side of ICT 3 AT TRIVANDRAM	Trivandrum	-163.636	0
KT-44	P	400KV SIDE OF ICT 1 AT THRISSUR HVDC	Trichur	36.364	0
KT-45	P	400KV SIDE OF ICT 2 AT THRISSUR HVDC	Trichur	36.364	0
PG-17	N	33KV SIDE AUXILIARY TRANSFORMER AT THRISSUR HVDC ICT 1 MAIN	HVDC Trichur	0.21	0
PG-19	N	33KV SIDE AUXILIARY TRANSFORMER AT THRISSUR HVDC ICT 2 MAIN	HVDC Trichur	0.6	0

TAMIL NADU

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
TA-11	N	400KV VALLUR LINE 1 AT ALAMATHY	Alamathy	1416.704	0
TA-12	N	400KV VALLUR LINE 2 AT ALAMATHY	Alamathy	1242.188	0
TA-31	N	400KV UDUMALPET LINE 1 AT ARASUR	Arasur	-339.638	0
TA-32	N	400KV UDUMALPET LINE 2 AT ARASUR	Arasur	-346.193	0
TA-35	N	400KV PUGALUR HVDC LINE 1 AT ARASUR	ARASUR	-1090.909	0
TA-36	N	400KV PUGALUR HVDC LINE 2 AT ARASUR	Arasur	-1094.545	0
TH-01	P	400KV SIDE OF ICT 1 AT HOSUR	Hosur	5688.213	0
TH-03	P	400kV side of ICT 2 AT HOSUR	Hosur	4421.233	0
TH-06	P	400KV SIDE OF ICT 3 AT HOSUR	Hosur	3872.062	3.055
TK-11	N	400KV VALLUR LINE 1 AT KALAVINTHAPATTU	Kalavinthapattu	1000.728	0
TK-12	N	400KV VALLUR LINE 2 AT KALAVINTHAPATTU	Kalavinthapattu	-485.092	-0.369
TK-14	N	400KV PUGALUR LINE 2 AT KALAVINTHAPATTU (LILOED AT NNTPP)	Kalavinthapattu	-4957.841	0
TK-15	N	400KV THIRUVELAM LINE 1 AT KALAVINTHAPATTU	Kalavinthapattu	-1013.807	0
TK-16	N	400KV THIRUVELAM LINE 2 AT KALAVINTHAPATTU	Kalavinthapattu	-1067.273	0
TK-25	N	400kV MADURAI LINE AT KARAIKUDI	Karaikudi	-1087.642	0
TK-26	N	400kV TRICHY LINE AT KARAIKUDI	Karaikudi	15224.368	0
TM-01	P	400kV side of ICT 1 AT MADURAI	Madurai	1468.729	0
TM-03	P	400kV side of ICT 2 AT MADURAI	Madurai	2661.463	0
TM-05	P	400KV SIDE OF ICT 3 AT MADURAI	Madurai	1027.997	0
TP-08	N	400KV KALAVINTHAPATTU LINE 2 AT PUGALUR (LILOED AT NNTPP)	Pugalur	1217.443	0
TP-11	N	400kV MADURAI 1 LINE AT PUGALUR	Pugalur	-3284.361	0
TP-12	N	400kV MADURAI 2 LINE AT PUGALUR	Pugalur	-3465.817	0
TP-13	N	400KV NEYVELI TS2 LINE AT PUGALUR	Pugalur	4430.54	0
TP-14	N	400kV NLC TS 2 EXPN LINE AT PUGALUR	Pugalur	4005.454	0
TP-16	N	400KV PUGALUR HVDC LINE 1 AT PUGALUR	PUGALUR	490.171	0
TP-17	N	400KV PUGALUR HVDC LINE 2 AT PUGALUR	PUGALUR	348.353	0

TS-01	P	400KV INTERCONNECTOR(TNEB) 1 AT SALEM (PG)	Salem	6170.909	0
TS-03	P	400KV INTERCONNECTOR(TNEB) 2 AT SALEM (PG)	Salem	6618.906	0
TS-21	P	400KV INTERCONNECTOR(TNEB) 1 AT SRIPERAMBADUR (PG)	Sriperumbudur	2704.745	0
TS-23	P	400KV INTERCONNECTOR(TNEB) 2 AT SRIPERAMBADUR (PG)	Sriperumbudur	6122.187	0
TS-41	N	400KV PONDY LINE AT SV CHATRAM	S V Chatram	0	0
TS-42	N	400kv SRIPERUMBUDUR LINE AT SV CHATRAM	S V Chatram	0	0
TT-01	P	400kv side of ICT 1 AT TRICHY	Trichy	2433.807	0
TT-03	P	400kv side of ICT 2 AT TRICHY	Trichy	361.818	0
TT-05	P	400KV SIDE OF ICT-3 AT TRICHY	Trichy	1.818	0
TT-30	N	400KV MADURAI LINE -1 AT TIRUNELVELI	Tirunelveli	-4864.361	0
TT-31	N	400KV KUDAMKULAM LINE 1 AT TIRUNELVELI	Tirunelveli	0	0
TT-32	N	400KV KUDAMKULAM LINE 2 AT TIRUNELVELI	Tirunelveli	7223.267	0
TT-33	N	400KV KUDAMKULAM LINE 3 AT TIRUNELVELI	Tirunelveli	0	0
TT-34	N	400KV KUDAMKULAM LINE 4 AT TIRUNELVELI	Tirunelveli	0	0
TT-35	N	400KV TRIVANDRUM LINE 1 AT TIRUNELVELI	Tirunelveli	-2120	0
TT-36	N	400KV TRIVANDRUM LINE 2 AT TIRUNELVELI	Tirunelveli	-2302.546	0
TT-37	N	400KV UDUMALPET LINE 1 AT TIRUNELVELI	Tirunelveli	-1746.193	0
TT-38	N	400KV UDUMALPET LINE 2 AT TIRUNELVELI	Tirunelveli	-1123.267	0
TT-39	N	220KV EDAMON LINE 2 AT TIRUNELVELI	Tirunelveli	9189.775	0
TT-40	N	220KV EDAMON LINE 1 AT TIRUNELVELI	Tirunelveli	8720.975	0
TT-42	N	400KV MADURAI LINE 2 AT TIRUNELVELI	Tirunelveli	-4953.091	0
TT-43	N	400KV KOCHI LINE 1 AT TIRUNELVELI	TIRUNELVELI	-731.647	0
TT-44	N	400KV KOCHI LINE 2 AT TIRUNELVELI	TIRUNELVELI	-1309.091	0
TT-45	N	400KV TUTICORIN LINE AT TIRUNELVELI (LILO OF TCRN-KKNPP-3)	Tirunelveli	2541.818	0
TT-46	N	400KV KKNPP LINE AT TIRUNELVELI (LILO OF TCRN-KKNPP-3)	Tirunelveli	10225.455	0

TT-80	P	400KV BUS SECTION 2 (TNEB) AT THIRUVALEM (PGCIL)	Thiruvalem	-2730.909	0
TT-81	P	400KV BUS SECTION 1 (TNEB) AT THIRUVALEM (PGCIL)	Thiruvalem	-2216.733	0
TU-01	P	400kV side of ICT 1 AT UDUMALPET	Udumalpet	467.642	0
TU-03	P	400kV side of ICT 2 AT UDUMALPET	Udumalpet	1501.449	0
TU-05	P	400kV side of ICT 3 AT UDUMALPET	Udumalpet	0	0

PONDICHERRY

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
PK-01	N	230 KV KARAICAL-BAHOUR LINE	KARAICAL	-425.6	0
PK-02	N	230KV KARAICAL-NEYVELI LINE	KARAICAL	79.038	0
PP-01	P	400KV SIDE OF ICT 1 AT PUDUCHERRY	Puducherry	120.435	0
PP-03	P	400KV SIDE OF ICT 2 AT PUDUCHERRY	Puducherry	-0.435	0
PP-05	P	400KV SIDE OF ICT 3 AT PUDUCHERRY	Puducherry	121.449	0
PV-01	N	230kV NEYVELI LINE AT VILLIANUR	Puducherry	0	815.077

D. DETAILS OF REACTIVE ENERGY DRAWAL/INJECTIONS ON INTER STATE LINES

SEM meter readings are given below without considering the Sign/Polarity:

Location ID	State	Sign Type	Connecting State	Connecting State Meter	Element Name	Station Name	MVAR_H	MVAR_L
AB-10	AP	N	TS	GW-01	220kV WANAPARTHY LINE at BRAHMANAKOTKUR	BRAHMANAKOTKUR	-2127.05	0
AC-14	AP	N	TN	TT-51	220KV THIRUVALAM LINE AT CHITTOOR (AP)	CHITTOOR	7392.64	0
AC-20	AP	N	TS	GA-60	132KV ALAMPUR X ROAD LINE 1 AT AP CARBIDES	AP CARBIDES	1617.842	1.584
AC-21	AP	N	TS	GA-63	132KV ALAMPUR X ROAD LINE 2 AT AP CARBIDES	AP CARBIDES	1264.247	3.024
AC-31	AP	N	TS	GS-67	220KV SURYAPETA LINE 1 AT CHILLAKALLU	CHILLAKALLU	-4005.6	0
AC-32	AP	N	TS	GK-11	220KV PULLICHINTALA LINE 2 AT CHILLAKALLU	CHILLAKALLU	-2573.437	0
AC-33	AP	N	TS	GM-32	132kV MADHIRA LINE at CHILLAKALLU	CHILLAKALLU	-1256.545	0
AC-34	AP	N	TS	GK-52	132kV KHAMMAM LINE at CHILLAKALLU	CHILLAKALLU	0	0
AC-35	AP	N	TS	GK-53	132KV KUSUMANCHI LINE AT CHILLAKALLU	CHILLAKALLU	-93.167	0

AC-36	AP	N	TS	GK-54	132KV KODADA LINE AT CHILLAKALLU	CHILLAKALLU	1255.753	0
AC-37	AP	N	TS	GR-01	132KV RAMAPURAM LINE AT CHILLAKALLU	CHILLAKALLU	124.777	0
AC-38	AP	N	TS	GS-63	132kV SEETHAPURAM LINE at CHILLAKALLU	CHILLAKALLU	154.08	0
AC-39	AP	N	TS	GB-01	132KV BONAKALU LINE 1 AT CHILLAKALLU	CHILLAKALLU	-74.568	0
AC-40	AP	N	TS	GB-02	132KV BONAKALU LINE 2 AT CHILLAKALLU	CHILLAKALLU	-477.023	0
AK-12	TS	N	AP	AK-24	400KV KALPAKA LINE 2 AT KHAMMAM	KHAMMAM	-9118.544	0
AK-23	AP	N	TS	GA-02	400KV ASUPAKA LINE 1 AT KALPAKA	KALAPAAKA	0	0
AK-24	AP	N	TS	AK-12	400KV KHAMMAM LINE 2 AT KALPAKA	KALAPAAKA	-4938.182	0
AK-50	AP	N	PO	PY-01	132KV YANAM LINE AT PRATHAP NAGAR (KAKINADA)	KAKINADA	161.712	0.072
AK-52	AP	N	TS	GS-64	132kV SEETHAPURAM LINE at KCP CEMENTS	KCP CEMENTS	-34.992	0
AK-61	AP	N	TS	GS-60	400KV SRISAILAM LB LINE AT KURNOOL	KURNOOL	-15416.733	0
AK-71	AP	N	TS	GA-61	132KV ASWRAOPET LINE 1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	0	0
AK-72	AP	N	TS	GA-62	132KV ASWRAOPET LINE 1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	0	0
AK-73	AP	N	TS	GS-68	400KV SURYAPETA LINE-1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	-711.249	0
AK-74	AP	N	TS	GS-69	400KV SURYAPETA LINE-2 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	-537.457	0
AL-01	AP	N	TS	GK-02	220KV KTPS LINE 1 AT L SILERU	LOWER SILERU	-1939.681	0
AL-02	AP	N	TS	GK-03	220KV KTPS LINE 2 AT L SILERU	LOWER SILERU	-2520.8	0
AM-03	TS	N	AP	AU-03	400KV URAVAKONDA LINE-1 AT MAHABOBNAGAR	MEHABOBNAGAR	-5137.5	-0.727
AM-04	TS	N	AP	AU-04	400KV URAVAKONDA LINE -2 AT MAHABOBNAGAR	MEHABOBNAGAR	-9337.457	0
AN-71	AP	N	TS	GK-01	220KV KTPS LINE AT NUNNA	NUNNA	4183.363	0
AR-01	AP	N	KA	CA-01	220KV ALIPUR LINE AT RAGULAPADU	RAGULAPADU	2358.72	0
AR-11	AP	N	TS	GS-66	132kV NSAGAR LINE at NSAGAR RIGHT CANAL	NSAGAR RC	-2636.855	0

AS-01	AP	N	TN	TG-01	220KV GUMMIDIPUNDI LINE AT SULURPET	SULURPET	-1420.312	0
AS-11	AP	N	TS	GS-65	220kV NSAGAR LINE at SRISAILAM RB	SRISAILAM RB	660.956	0
AS-12	AP	N	TS	GD-01	220KV DINDI LINE 1 AT SRISAILAM RB	SRISAILAM RB	908	0
AS-13	AP	N	TS	GD-02	220KV DINDI LINE 2 AT SRISAILAM RB	SRISAILAM RB	932.65	0
AS-14	AP	N	TS	GS-61	400KV SRISAILAM LB LINE 1 AT SATTENAPALLI	SATTENAPALLI	0	0
AS-15	AP	N	TS	GS-62	400KV SRISAILAM LB LINE 2 AT SATTENAPALLI	SATTENAPALLI	-12224.375	0
AT-01	TS	N	KA	CS-31	220KV SEDAM LINE AT TANDUR (AP)	TANDUR	0	0
AT-11	AP	N	TS	GT-60	220KV NSAGAR LINE 3 AT TALLAPALLI	TALAPALLI	1999.2	0
AT-12	AP	N	TS	GT-61	220KV NSAGAR LINE 1 AT TALLAPALLI	TALAPALLI	4062.725	0
AT-13	AP	N	TS	GT-63	220KV NSAGAR LINE 2 AT TALLAPALLI	TALAPALLI	4190.088	0
AT-14	AP	N	TS	GC-12	220KV CHALAKURTHY LINE AT TALLAPALLI	TALAPALLI	1456.475	0
AT-22	AP	N	TS	GW-10	132KV WADAPALLI LINE AT TANGEDA	TANGEDA	98.64	0
AU-03	AP	N	TS	AM-03	400KV MAHABOBNAGAR LINE 1 AT URAVAKONDA	URAVAKONDA	-1495.994	0
AU-04	AP	N	TS	AM-04	400KV MAHABOBNAGAR LINE 2 AT URAVAKONDA	URAVAKONDA	-3456.023	0
AV-61	AP	N	TS	GK-30	400KV SURYAPETA LINE AT VTPS	VTPS	-18671.648	0
AV-63	AP	N	TS	GS-70	400KV SURYAPET LINE 2 AT VTPS	VTPS	-18314.544	0
CA-01	KA	N	AP	AR-01	220KV RAGULAPADU LINE AT ALIPURA	ALIPUR	0	-9.722
CK-01	KA	N	KL	KK-02	220KV KANIYAMPETTA LINE AT KADAKOLA	KADAKOLA	-1.2	-1.8
CK-02	KA	N	KL	KK-03	110kV MANJESWARAM LINE AT KONAJE	KONAJE	0	0
CS-31	KA	N	TS	AT-01	220kV TANDUR LINE AT SEDAM	SEDAM	-363.519	-70.081
CY-01	KA	N	TN	TH-30	220kV HOSUR LINE AT YERANDAHALLY	YERANDAHALLY	-653.437	-0.8
DM-01	AP		TS	NIL		AP CARBIDES	0	0
GA-02	TS	N	AP	AK-23	400KV KALPAKA LINE -1 AT ASUPAKA	ASUPAKA	0	0

GA-60	TS	N	AP	AC-20	132KV AP CARBIDES LINE 1 AT ALAMPUR X ROAD	ALAMPUR X Roads	-1317.6	0
GA-61	TS	N	AP	AK-71	132KV KAMAVARAPUKOTA LINE 1 AT ASWAROPET	ASWARAPET	-230.181	0
GA-62	TS	N	AP	AK-72	132KV KAMAVARAPUKOTA LINE 2 AT ASWAROPET	ASWARAPET	-275.901	0
GA-63	TS	N	AP	AC-21	132KV AP CARBIDES LINE 2 AT ALAMPUR X ROAD	ALAMPUR X Roads	-1330.343	-0.068
GB-01	TS	N	AP	AC-39	132KV CHILAKALLU LINE1 AT BONAKALLU	BONAKALLU	0	0
GB-02	TS	N	AP	AC-40	132KV CHILAKALLU LINE2 AT BONAKALLU	BONAKALLU	0	0
GC-12	TS	N	AP	AT-14	220KV TALLAPALLI LINE AT CHALAKURTHY	CHALAKURTHY	-2253.439	0
GD-01	TS	N	AP	AS-12	220KV SRISAILAM LINE 1 AT DOMMALAPENTA	DOMMALAPENTA	-933.28	0
GD-02	TS	N	AP	AS-13	220KV SRISAILAM LINE 2 AT DINDI	DINDI	-2487.681	0
GK-01	TS	N	AP	AN-71	220kv NUNNA LINE at KTPS	KTPS	-5055.363	0
GK-02	TS	N	AP	AL-01	220KV L SILERU LINE 1 AT KTPS	KTPS3	123.841	0
GK-03	TS	N	AP	AL-02	220KV L SILERU LINE 2 AT KTPS	KTPS3	213.398	0
GK-11	TS	N	AP	AC-32	220KV CHILLAKALLU LINE 2 AT PULICHINTALA	pulichintala	1922.719	0
GK-30	TS	N	AP	AV-61	400KV VTPS LINE 1 AT SURYAPETA	SURYAPETA(400kv)	5678.551	0
GK-52	TS	N	AP	AC-34	132KV CHILLAKALLU LINE AT KHAMMAM	KHAMMAM 132	-343.44	0
GK-53	TS	N	AP	AC-35	132kv CHILLAKALLU LINE at KUSUMANCHI	KUSUMANCHI	-307.08	0
GK-54	TS	N	AP	AC-36	132kv CHILLAKALLU LINE at KODADA	KODADA	-1069.922	0
GM-32	TS	N	AP	AC-33	132kv CHILLAKALLU LINE at MADHIRA	MADHIRA	1033.057	0
GR-01	TS	N	AP	AC-37	132kv CHILLAKALLU LINE at RAMPURAM	RAMPURAM	-297.503	0
GS-60	TS	N	AP	AK-61	400kv KURNOOL LINE at Srisailam LB	SRISAILEM LB	6551.25	0
GS-61	TS	N	AP	AS-14	400KV SATTENAPALLI LINE 1 AT SRISAILAM LB	SRISAILEM LB	0	0
GS-62	TS	N	AP	AS-15	400KV SATTENAPALLI LINE 2 AT SRISAILAM LB	SRISAILEM LB	-5253.807	0

GS-63	TS	N	AP	AC-38	132kV CHILLAKALLU LINE at SEETHAPURAM	SEETHAPURAM	-280.654	0
GS-64	TS	N	AP	AK-52	132kV KCP CEMENTS LINE at SEETHAPURAM	SEETHAPURAM	-5.85	0
GS-65	TS	N	AP	AS-11	220KV SRISAILAM RB LINE AT NSAGAR	NSAGAR -TS (220kV)	-2458.442	0
GS-66	TS	N	AP	AR-11	132KV NSAGAR RIGHT CANAL LINE AT NSAGAR	NSAGAR -TS (220kV)	2671.774	0
GS-67	TS	N	AP	AC-31	220KV CHILLAKALLU LINE-1 AT SURYAPETA	SURYAPETA(220kV)	4656.163	0
GS-68	TS	N	AP	AK-73	400KV KAMAVARAPUKOTA LINE-1 AT SURYAPETA	SURYAPETA(400kV)	-337.443	0
GS-69	TS	N	AP	AK-74	400KV KAMAVARAPUKOTA LINE-2 AT SURYAPETA	SURYAPETA(400kV)	-287.273	0
GS-70	TS	N	AP	AV-63	400KV VTPS LINE 2 AT SURYAPETA	SURYAPETA(400kV)	5559.261	0
GT-60	TS	N	AP	AT-11	220KV TALAPALLI LINE 3 AT NSAGAR	NSAGAR -TS (220kV)	-2188.163	0
GT-61	TS	N	AP	AT-12	220KV TALAPALLI LINE 1 AT NSAGAR	NSAGAR -TS (220kV)	-3634.25	0
GT-63	TS	N	AP	AT-13	220KV TALAPALLI LINE 2 AT NSAGAR	NSAGAR -TS (220kV)	-4094.075	0
GW-01	TS	N	AP	AB-10	220kV BRAHMANAKOTKUR LINE at WANAPARTHY	WARNAPARTHY	0	0
GW-10	TS	N	AP	AT-67	132kV TANGEDA LINE at WADAPALLI	WADAPALLI	-167.546	0
KI-01	KL	N	TN	TU-21	220kV UDUMALPET LINE AT IDUKKI	IDUKKI	-288.481	0
KK-02	KL	N	KA	CK-01	220KV KADAKOLA LINE AT KANIAMPETA	KANIANPETA	0	0
KK-03	KL	N	KA	CK-02	110KV KONAJE LINE AT MANJESWARAM	MANJESWARAM	0	-8.22
KK-04	KL	N	TN	TT-50	220KV THENI LINE AT MOOZHAYAR	MOOZHAYAR	-840	0
KK-05	KL	N	TN	TK-40	110KV KUZHITHURAI LINE AT PARASALA	PARASALA	-10.46	-127.93
KP-51	KL	N	PO	PP-13	MAHE LINE-1 AT PANOOR	PANOOR	0	0.39
KP-52	KL	N	PO	PP-14	MAHE LINE-2 AT PANOOR	PANOOR	0	0.465
PP-13	PO	N	KL	KP-51	110KV PANOOR LINE-1 AT MAHE	MAHE	0	-0.45
PP-14	PO	N	KL	KP-52	110KV PANOOR LINE-2 AT MAHE	MAHE	0	-0.37
PY-01	PO	N	AP	AK-50	132kV KAKINADA LINE AT YANAM	YANAM	-138.337	-4.92
TG-01	TN	N	AP	AS-01	230KV SULURPET LINE AT GUMMIDIPONDI	GUMMIDIPONDI	0	465.436

TH-30	TN	N	KA	CY-01	230KV YERANDAHALLI LINE AT HOSUR (TN)	HOSUR230	0	408.355
TK-40	TN	N	KL	KK-05	110KV PARASALA LINE AT KUZHITHURAI	KUZHITHURAI	10.545	96.45
TT-50	TN	N	KL	KK-04	230KV MOOZHIYAR LINE AT THENI	THENI	0	-553.127
TT-51	TN	N	AP	AC-14	230KV CHITTOOR LINE AT THIRUVALAM	TIRUVALEM 230	0	-6454.511
TU-21	TN	N	KL	KI-01	230kV IDUKKI LINE AT UDUMALPET (TNEB)	UDUMALPET230	1354.032	3.388