

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



Government of India Central Electricity Authority Southern Regional Power Committee 29, Race Course Cross Road BENGALURU - 560 009

Phone: 080-2228 2516; FAX: 080-2225 9343; e-mail: secommlsrpc-ka@nic.in; web site: www.srpc.kar.nic.in

सं. दक्षेविस /अअ.1/3(रियक्टिव)/2020/ No. SRPC/SE-1/3(Reac)/2020/

दिनांक /Dated: 1-September, 2020

सेवा में / To

वितरण सूची के अनुसार As per Distribution List

विषय: 17/08/20 से 23/08/20 तक की अवधि के लिए संकुलन प्रभार लेखा।

Sub: Reactive Energy Account for the week of 17/08/20 to 23/08/20 - Reg

महोदय /Sir,

साप्ताहिक रियाक्टीव एनर्जी लेखा (संशोधित) भेजी जा रही है, जिसमें देय / प्राप्य राशी के विवरण शामिल है । रियाक्टीव 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 वृद्धी की जाएगी, अन्यथा सी ई आर सी द्वारा संशोधन किया जाए। वर्तमान में प्रति किवीएआरएच का दर 15 पैसे हैं।रियाक्टीव एनर्जी लेखा, जो ज़िप 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 Paise/KVArh for Year 20-21.

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

भवदीय, Yours faithfully

मीना रामक्ता

(मेका रामकृष्ण /MEKA RAMAKRISHNA) अधीक्षण अभियन्ता(वा)/Superintending Engineer(C)

संलग्नक:यथोपरि Encl: as above

Statement of Reactive Energy Charges

For The Period From 17/08/20 To 23/08/20

A. REACTIVE ENERGY CHARGES WITH THE POOL

Entity	AMOUNT	AMOUNT-Pro Rata (Rs)	PAYABLE(-)/RECEIVABLE(+)
ANDHRA PRADESH	1015756.486	3,43,459	Receivable From Pool
KARNATKA	7740040.94	26,17,150	Receivable From Pool
KERALA	3244675.49	10,97,126	Receivable From Pool
TAMIL NADU	3367657.779	11,38,711	Receivable From Pool
PUDUCHERRY	415260.637	1,40,413	Receivable From Pool
TELANGANA	-5336858.923	53,36,859	Payable To Pool

B. NET REACTIVE CHARGES BETWEEN ENTITES

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

∥Pawania → I	ANDHRA PRADESH	KARNATAKA	KERALA	TAMIL NADU	TELANGANA	PUDUCHERRY
ANDHRA PRADESH	N/A	0	N/A	0	0	0
KARNATAKA	24,264	N/A	837	1,110	0	N/A
KERALA	N/A	0	N/A	3,77,469	N/A	86
TAMIL NADU	0	0	0	N/A	N/A	N/A
TELANGANA	25,06,556	0	N/A	N/A	N/A	N/A
PUDUCHERRY	8,334	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	-3901.273	0
AC-03	P	400kV side of ICT 2 AT CUDDAPAH	CUDDAPAH	-4000.146	0
AC-05	P	400KV SIDE OF ICT 3 AT CUDDAPAH	CUDDAPAH	-5956.364	0
AC-12	N	400KV CUDAPPAH LINE AT CHITTOOR	Chittoor	-3362.173	0
AC-13	N	400kV SRIPERUMBUDUR LINE AT CHITHOOR	Chittoor	2469.457	0
AC-15	N	400KV THIRUVALEM LINE 1 AT CHITTOOR	Chittoor	9989.83	0
AC-16	N	400KV THIRUVALEM LINE 2 AT CHITTOOR	Chittoor	10113.437	0
AG-11	P	400KV SIDE OF ICT 1 AT GOOTY	Gooty	-2372.18	0
AG-13	P	400kV side of ICT 2 AT GOOTY	Gooty	-3493.96	0
AG-16	P	400KV SIDE OF ICT 3 AT GOOTY	Gooty	-4643.274	0
AG-43	P	400kV HVDC SOUTH BUS 1 AT GAZUWAKA	Gazuwaka	-1564.375	0
AG-44	P	400kV HVDC SOUTH BUS 2 AT GAZUWAKA	Gazuwaka	602.182	0
AG-48	P	400kV POLE 2 SOUTH BUS AT HVDC GAZUWAKA	Gazuwaka	9867.628	0
AG-49	N	400KV SIMHADRI LINE 2 AT GAZUWAKA	Gazuwaka	802.544	0
AG-50	N	400KV SIMHADRI LINE 1 AT GAZUWAKA	Gazuwaka	1190.909	0
AG-51	N	400KV VEMAGIRI (PG) LINE AT GAZUWAKA	Gazuwaka	-6814.545	0
AH-51	N	400KV NP KUNTA LINE-1 AT HINDUPUR	Hindupur	0	0
AH-52	N	400KV NP KUNTA LINE-2 AT HINDUPUR	Hindupur	5997.103	0
AK-31	N	400kV GOOTY LINE AT KURNOOL	Kurnool	-9446.911	0
AK-32	N	400KV MAHESHWARAM LINE AT KURNOOL	Kurnool	-7871.648	0
AK-34	N	400KV NEW KURNOOL LINE 1 AT KURNOOL (AP)	Kurnool	2966.903	0
AK-35	N	400KV NEW KURNOOL LINE-2 AT KURNOOL (AP)	Kurnool	2988.729	0
AK-45	Р	33KV SIDE TERTIARY TRANSFORMER AT KURNOOL	Kurnool	1.995	0
AM-31	N	400KV SRIKAKULAM LINE 1 AT MARADAM	MARADAM	-1474.176	0

AM-32	N	400KV SRIKAKULAM LINE 2 AT MARADAM	MARADAM	-1478.551	0
AN-01	P	400KV NELLORE (AP) INTERCONNECTOR 1 AT NELLORE (PG)	Nellore PG	6987.671	0
AN-03	P	400KV NELLORE (AP) INTERCONNECTOR 2 AT NELLORE (PG)	Nellore PG	4231.279	0
AN-17	N	400KV VIJAYAWADA LINE AT NELLORE (AP)	Nellore AP	-5110.568	0
AN-18	N	400KV VTPS LINE AT NELLORE (AP)	Nellore AP	-5343.636	0
AN-21	P	400kV side of ICT 1 AT NSAGAR	Nagarjunasagar	3514.915	0
AN-23	P	400kV side of ICT 2 AT NSAGAR	Nagarjunasagar	1543.466	0
AN-25	P	400kV side of ICT 3 AT NSAGAR	Nagarjunasagar	2108.721	0
AN-69	P	33KV SIDE OF TERTIARY OF ICT 2 AT NELLORE PS	Nellore PG	1.416	0
AS-17	N	400KV CPETA-1 LINE AT SATTENAPALLI	Sattenapalli	21189.091	0
AS-18	N	400KV CPETA-2 LINE AT SATTENAPALLI	Sattenapalli	21293.097	0
AS-33	P	TERTIARY OF ICT-1 AT SRIKAKULAM	SRIKAKULAM	0	0
AV-11	N	400KV VEMAGIRI(PG) LINE AT VIJAYAWADA	Vijayawada	-9697.457	18.92
AV-12	N	400kV KHAMMAM LINE AT VIJAYAWADA	Vijayawada	-12711.648	13.455
AV-13	N	400KV NELLORE LINE 1 AT VIJAYAWADA	Vijayawada	14.9	12.364
AV-14	N	400KV NELLORE LINE 2 AT VIJAYAWADA	Vijayawada	-9465.1	12
AV-17	N	400KV VEMAGIRI LINE 3 AT VIJAYAWADA	Vijayawada	-1887.635	14.909
AV-18	N	400KV VEMAGIRI LINE 4 AT VIJAYAWADA	Vijayawada	-650.543	17.818
AV-19	N	400KV NELLORE LINE 3 AT VIJAYAWADA	Vijayawada	-11382.557	17.092
AV-51	N	400KV NELLORE LINE AT VTPS	VTPS	-5927.642	32.364
AV-85	P	33KV SIDE OF TERTIARY OF ICT-1 AT VEMAGIRI(PG)	VEMAGIRI	3.94	0
AV-87	N	400 KV VEMAGIRI(AP)- VEMAGIRI(PG)-1	VEMAGIRI	6100.369	0
AV-88	N	400 KV VEMAGIRI(AP)- VEMAGIRI(PG)-2	VEMAGIRI	5376.364	0
LK-01	N	400KV LANCO LINE 1 AT VIJAYAWADA	Vijayawada	0	0
LK-03	N	400KV LANCO LINE 2 AT VIJAYAWADA	Vijayawada	-1569.091	0

TELANGANA

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
AG-01	N	400kV HYDERABAD LINE AT GAJVEL	Gajwel	1987.642	0
AG-02	N	400kV RAMAGUNDAM LINE AT GAJVEL	Gajwel	2195.637	0
AH-11	N	400KV GAJWEL LINE AT HYDERABAD	Hyderabad	-533.082	0
AH-12	N	400KV MAHESHWARAM (PGCIL) LINE AT HYDERABAD	Hyderabad	1369.091	0
AH-14	N	400kV MALKARAM LINE AT HYDERABAD	Hyderabad	-6581.818	0
AH-16	N	400KV NSAGAR LINE AT HYDERABAD	Hyderabad	-7064.002	0
AH-17	N	400kV RAMAGUNDAM 3 LINE AT HYDERABAD	Hyderabad	-5560.006	0
AH-18	N	400kV RAMAGUNDAM 4 LINE AT HYDERABAD	Hyderabad	-4005.092	0
AK-09	N	400KV NSAGAR LINE 2 AT KHAMMAM	Khammam	0	0
AK-10	N	400KV NSAGAR LINE 3 AT KHAMMAM	Khammam	-36.733	0
AK-17	N	400KV NSAGAR LINE-1 AT KHAMMAM	Khammam	-7433.821	0
AK-18	N	400kV VIJAYAWADA LINE AT KHAMMAM	Khammam	3532.358	0
AK-19	N	400kV WARANGAL LINE AT KHAMMAM	Khammam	-13535.994	0
AM-01	N	400kV NSAGAR LINE AT MEHABOOBNAGAR	Mehaboobnagar	0	0
AM-02	N	400KV RTPS LINE AT MEHABOOBNAGAR	Mehaboobnagar	4747.273	0
AM-21	N	400kV HYDERABAD LINE AT MALKARAM	Malkaram	9471.271	0
AM-22	N	400kV RAMAGUNDAM LINE AT MALKARAM	Malkaram	-2540	0
AW-13	N	400kV RAMAGUNDAM LINE AT WARANGAL	Warangal	16694.9	0
AW-14	N	400KV KHAMMAM LINE AT WARANGAL	Warangal	833.817	0
GD-03	N	400KV NIZAMABAD LINE-1 AT DITCHIPALLI	Dichipally	7848.012	0
GD-04	N	400KV NIZAMABAD LINE-2 AT DITCHIPALLI	Dichipally	7703.267	0
GM-12	N	400KV SIDE OF ICT-1 AT MAHESHWARAM	Maheshwaram	24008.779	0
GM-14	N	400KV SIDE OF ICT-2 AT MAHESHWARAM	Maheshwaram	24010.909	0

GM-21	N	400KV KURNOOL LINE MAHESHWARAM	Maheshwaram	-5622.528	0
GM-22	N	400KV HYDERABAD(GHANAPUR) LINE AT MAHESHWARAM	Maheshwaram	-3371.974	0
GM-25	N	400KV MAHABOOBNAGAR LINE -1 AT MAHASHWARAM	Maheshwaram	-6267.273	0
GM-26	N	400KV MAHABOOBNAGAR LINE -2 AT MAHASHWARAM	Maheshwaram	-5959.645	0
GM-81	N	400KV MAHESHWARAM(PGCIL) LINE-1 AT MEHABOOBNAGAR	Mehaboobnagar	-106.903	0
GM-82	N	400KV MAHESHWARAM(PGCIL) LINE-2 AT MEHABOOBNAGAR	Mehaboobnagar	-60.369	0
GN-05	P	33KV SIDE OF TERTIARY OF ICT-1 AT NIZAMABAD	NIZAMABAD	4.314	0
GS-01	N	400KV NIZAMABAD LINE-1 AT SHANKARPALLY	Shankarpally	-50.17	0
GS-02	N	400KV NIZAMABAD LINE-2 AT SHANKARPALLY	Shankarpally	-90.171	0

KARNATAKA

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
CB-11	P	400KV SIDE OF ICT 1 AT BIDADI	Bidadi	433.452	0
CB-13	P	400KV SIDE OF ICT 2 AT BIDADI	Bidadi	399.276	0
CB-51	N	400KV PAVAGADA LINE-1 AT BELLARY PS(BPS)	BELLARY PS	-11515.653	0
CB-52	N	400KV PAVAGADA LINE-2 AT BELLARY PS(BPS)	BELLARY PS	-11627.983	0
CG-13	N	400KV KAIGA LINE 1 AT GUTTUR	Guttur	2153.821	0
CG-14	N	400KV KAIGA LINE 2 AT GUTTUR	Guttur	1057.457	0
CG-16	N	400KV NARENDRA LINE 1 AT GUTTUR	Guttur	1663.999	0
CG-17	N	400KV NARENDRA LINE 2 AT GUTTUR	Guttur	0	0
CH-06	N	400KV KOLAR LINE-1 AT HOODY	Hoody	2312.003	0
CH-07	N	400KV KOLAR LINE-2 AT HOODY	Hoody	2464.73	0
CH-21	N	400KV MYSORE LINE 1 AT HASSAN	Hassan	-4779.276	0
CH-22	N	400KV MYSORE LINE 2 AT HASSAN	Hassan	-5477.443	0
CH-57	N	400KV PAVAGADA LINE-1 AT HIRIYUR	HIRIYUR	-3477.103	0
CH-58	N	400KV MYSORE LINE-1 AT HIRIYUR	HIRIYUR	-6402.898	0
CK-11	P	400kV side of ICT 1 AT KOLAR	Kolar	4419.631	0
CK-13	P	400kV side of ICT 2 AT KOLAR	Kolar	5243.267	0
CM-12	N	400KV RTPS LINE AT MUNIRABAD	Munirabad	512.727	0
SRPC Sec	retari	at - Reactive Account - 2020-08-17 T	o 2020-08-23	6 / 15	

CM-21	P	400KV SIDE OF ICT 1 AT MYSORE	Mysore	-1029.818	0
CM-23	P	400kV side of ICT 2 AT MYSORE	Mysore	-1015.193	0
CM-27	P	400KV SIDE OF ICT 3 AT MYSORE	Mysore	-1662.187	0
CM-51	P	400KV SIDE OF ICT 1 AT MADHUGIRI	MADHUGIRI	5356.733	0
CM-53	P	400KV SIDE OF ICT 2 AT MADHUGIRI	MADHUGIRI	-3274.176	0
CM-55	P	400KV SIDE OF ICT 3 AT MADHUGIRI	MADHUGIRI	-3534.191	0
CN-11	N	400KV BIDADI LINE 1 AT NELAMANGALA	Nelamangala	1697.457	0
CN-12	N		Nelamangala	0	0
CN-13	N	400kV GOOTY LINE AT NELAMANGALA	Nelamangala	5178.906	0
CN-17	N	400KV MYSORE LINE 1 AT NELAMANGALA	Nelamangala	-7966.179	0
CN-18	N	400KV MYSORE LINE 2 AT NELAMANGALA	Nelamangala	-7222.91	0
CN-20	N	400KV BIDADI LINE-2 AT NELAMANGALA	Nelamangala	1734.545	0
CN-31	P	400kV side of ICT 1 AT NARENDRA	Narendra	752.372	0
CN-33	P	400kV side of ICT 2 AT NARENDRA	Narendra	-1609.46	0
CR-11	N	400KV RAICHUR (PG) 1 LINE AT RTPS	Raichur	5573.835	0
CR-12	N	400KV RAICHUR (PG) 2 LINE AT RTPS	Raichur	5613.452	0
CR-14	N	400KV MUNIRABAD LINE AT RTPS	Raichur	-4329.446	0
CR-15	N	400KV MEHBOOBNAGAR LINE AT RTPS	Raichur	-200.724	0
CS-01	P	400kV side of ICT 1 AT SOMANAHALLI	Somanahally	4248.365	0
CS-03	P	400KV SIDE OF ICT 2 AT SOMANAHALLI	Somanahally	935.27	0.362
CS-05	P	400KV SIDE OF ICT-3 AT SOMANAHALLI	Somanahally	695.636	0
CY-13	N	400KV TUMKUR (MADHUGIRI) LINE 1 AT YELAHANKA	Yelahanka	-4100.398	0
CY-14	N	400KV TUMKUR (MADHUGIRI) LINE 2 AT YELAHANKA	Yelahanka	-4105.455	0
RC-19	P	33KV SIDE (TERTIARY) OF ICT-1 AT RAICHUR	RAICHUR 765kV	-0.873	0

KERALA

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Location Sign Element Name		. 1 T T V Z X X X X X X X X X X X X X X X X X X

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KC-01	Р	400KV SIDE OF ICT 1 AT COCHIN	Kochi	-756.873	0
KC-03	P	400KV SIDE OF ICT 2 AT COCHIN	Kochi	-756	0
KE-01	N	220KV TIRUNELVELI LINE 1 AT EDAMON	Edamon	-6666.237	0
KE-02	N	220KV TIRUNELVELI LINE 2 AT EDAMON	Edamon	-6370.875	0
KK-06	Р	400KV SIDE OF ICT 1 AT KOZHIKODE	Kozhikode	1510.199	0
KK-08	P	400KV SIDE OF ICT 2 AT KOZHIKODE	Kozhikode	1899.929	0
KK-12	P	400KV SIDE OF ICT 3 AT KOZHIKODE	Kozhikode	3041.108	0
KP-11	P	400kV side of ICT 1 AT PALAKKAD	Palakkad	60	0
KP-13	P	400kV side of ICT 2 AT PALAKKAD	Palakkad	31.202	0
KT-01	P	400KV TRICHUR(KSEB) INTERCONNECTOR 1 AT TRICHUR(PG)	Trichur	2587.983	0
KT-03	P	400KV TRICHUR(KSEB) INTERCONNECTOR 2 AT TRICHUR(PG)	Trichur	3228.359	0
KT-21	P	400kV side of ICT 1 AT TRIVANDRAM	Trivandrum	-731.344	0
KT-23	P	400kV side of ICT 2 AT TRIVANDRAM	Trivandrum	-727.636	0
KT-25	P	400kV side of ICT 3 AT TRIVANDRAM	Trivandrum	-792.869	0

TAMIL NADU

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
TA-11	N	400KV VALLUR LINE 1 AT ALAMATHY	Alamathy	3289.46	0
TA-12	N	400KV VALLUR LINE 2 AT ALAMATHY	Alamathy	2671.271	0
TA-31	N	400KV UDUMALPET LINE 1 AT ARASUR	Arasur	2684.716	0
TA-32	N	400KV UDUMALPET LINE 2 AT ARASUR	Arasur	2704.361	0
TA-35	N	400 kV Pugalur HVDC- Arasur Line 1	ARASUR	-3999.273	0
TA-36	N	400 kV Pugalur HVDC- Arasur Line 2	Arasur	-3988.364	0
TH-01	P	400KV SIDE OF ICT 1 AT HOSUR	Hosur	5145.818	0
TH-03	P	400kV side of ICT 2 AT HOSUR	Hosur	5345.676	0
TH-06	P	400KV SIDE OF ICT 3 AT HOSUR	Hosur	4518.328	0
TK-11	N	400KV VALLUR LINE 1 AT KALAVINTHAPATTU	Kalavinthapattu	-401.818	0
TK-12	N	400KV VALLUR LINE 2 AT KALAVINTHAPATTU	Kalavinthapattu	-728.367	0
TK-15	N	400KV THIRUVELAM LINE 1 AT KALAVINTHAPATTU	Kalavinthapattu	-1023.271	0
TK-16	N	400KV THIRUVELAM LINE 2 AT KALAVINTHAPATTU	Kalavinthapattu	-1245.82	0
TK-25	N	400kV MADURAI LINE AT KARAIKUDI	Karaikudi	1013.097	0

TK-26	N	400kV TRICHY LINE AT KARAIKUDI	Karaikudi	17298.182	0
TM-01	P	400kV side of ICT 1 AT MADURAI	Madurai	2640.362	0
TM-03	P	400kV side of ICT 2 AT MADURAI	Madurai	3087.997	0
TM-05	P	400KV SIDE OF ICT 3 AT MADURAI	Madurai	3674.9	0
TP-11	N	400kV MADURAI 1 LINE AT PUGALUR	Pugalur	-490.54	0
TP-12	N	400kV MADURAI 2 LINE AT PUGULUR	Pugalur	-477.812	0
TP-13	N	400KV NEYVELI TS2 LINE AT PUGULUR	Pugalur	3953.452	0
TP-14	N	400kV NLC TS 2 EXPN LINE AT PUGULUR	Pugalur	3550.54	0
TP-16	N	400KV PUGALUR HVDC LINE 1 AT PUGALUR	PUGALUR	-3558.523	0
TP-17	N	400KV PUGALUR HVDC LINE 2 AT PUGALUR	PUGALUR	-3573.068	0
TS-01	P	400KV INTERCONNECTOR(TNEB) 1 AT SALEM (PG)	Salem	5530.909	0
TS-03	P	400KV INTERCONNECTOR(TNEB) 2 AT SALEM (PG)	Salem	5641.455	0
TS-21	P	400KV INTERCONNECTOR(TNEB) 1 AT SRIPERAMBADUR (PG)	Sriperumbudur	1901.094	0
TS-23	P	400KV INTERCONNECTOR(TNEB) 2 AT SRIPERAMBADUR (PG)	Sriperumbudur	6303.239	0
TS-41	N	400KV PONDY LINE AT SV CHATRAM	S V Chatram	-85.796	0
TS-42	N	400kV SRIPERUMBUDUR LINE AT SV CHATRAM	S V Chatram	442.912	0
TT-01	P	400kV side of ICT 1 AT TRICHY	Trichy	5002.528	0
TT-03	P	400kV side of ICT 2 AT TRICHY	Trichy	1680.739	0
TT-05	P	400KV SIDE OF ICT-3 AT TRICHY	Trichy	-511.633	0
TT-30	N	400KV MADURAI LINE -1 AT TIRUNELVELI	Tirunelveli	-5444.73	0
TT-31	N	400KV KUDAMKULAM LINE 1 AT TIRUNELVELI	Tirunelveli	0	0
TT-32	N	400KV KUDAMKULAM LINE 2 AT TIRUNELVELI	Tirunelveli	15585.455	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	-2912.365	0
TT-36	N	400KV TRIVANDRUM LINE 2 AT TIRUNELVELI	Tirunelveli	-2900	0
TT-37	N	400KV UDUMALPET LINE 1 AT TIRUNELVELI	Tirunelveli	-1937.095	0

TT-38	N	400KV UDUMALPET LINE 2 AT TIRUNELVELI	Tirunelveli	-1546.179	0
TT-39	N	220KV EDAMON LINE 2 AT TIRUNELVELI	Tirunelveli	8597.45	0
TT-40	N	220KV EDAMON LINE 1 AT TIRUNELVELI	Tirunelveli	7536.96	0
TT-42	N	400KV MADURAI LINE 2 AT TIRUNELVELI	Tirunelveli	-5336.349	0
TT-43	N	400KV KOCHI LINE 1 AT TIRUNELVELI	TIRUNELVELI	-3469.829	0
TT-44	N	400KV KOCHI LINE 2 AT TIRUNELVELI	TIRUNELVELI	-4262.5	0
TT-80	P	400KV BUS SECTION 2 (TNEB) AT THIRUVALEM (PGCIL)	Thiruvalam	-7521.449	0
TT-81	P	400KV BUS SECTION 1 (TNEB) AT THIRUVALEM (PGCIL)	Thiruvalam	-8039.261	0
TU-01	P	400kV side of ICT 1 AT UDUMALPET	Udumalpet	1625.455	0
TU-03	P	400kV side of ICT 2 AT UDUMALPET	Udumalpet	4836.728	0
TU-05	P	400kV side of ICT 3 AT UDUMALPET	Udumalpet	3534.324	0

PONDICHERRY

Location	Sign	Element Name	Station Name	MVAR_H	MVAR_L
PK-01	N	230 KV KARAIKAL-BAHOUR LINE	KARAIKAL	-1230.075	0
PK-02	N	230KV KARAIKAL-NEYVELI LINE	KARAIKAL	288.641	0
PP-01	ו עו	400KV SIDE OF ICT 1 AT PUDUCHERRY	Puducherry	756.426	0
PP-03	ו עו	400KV SIDE OF ICT 2 AT PUDUCHERRY	Puducherry	-113.455	0
PP-05	ו או	400KV SIDE OF ICT 3 AT PUDUCHERRY	Puducherry	968.721	0
PV-01	N	230kV NEYVELI LINE AT VILLIANUR	Puducherry	0	215.277

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	1	Station Name	MVAR_H	MVAR_L
AB-10	AP	N	TS	GW-01	220kV WANAPARTHY LINE at BRAHMANAKOTKUR	BRAHMANAKOTKUR	-1188	0
AC-14	AP	N	TN	TT-51	220KV THIRUVALAM LINE AT CHITTOOR (AP)	CHITTOOR	7210.881	0
AC-20	AP	N	TS	GA-60	132KV ALAMPUR X ROAD LINE 1 AT AP CARBIDES	AP CARBIDES	255.383	0

AC-21	AP	N	TS	GA-63	132KV ALAMPUR X ROAD LINE 2 AT AP CARBIDES	AP CARBIDES	163.367	0
AC-31	AP	N	TS	GS-67	220KV SURYAPETA LINE 1 AT CHILLAKALLU	CHILLAKALLU	3211.519	0
AC-32	AP	N	TS	GK-11	220KV PULLICHINTALA LINE 2 AT CHILLAKALLU	CHILLAKALLU	711.675	0
AC-33	AP	N	TS	GM-32	132kV MADHIRA LINE at CHILLAKALLU	CHILLAKALLU	-358.13	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	-20.807	0
AC-36	AP	N	TS	GK-54	132KV KODADA LINE AT CHILLAKALLU	CHILLAKALLU	-554.687	0
AC-37	AP	N	TS	GR-01	132KV RAMAPURAM LINE AT CHILLAKALLU	CHILLAKALLU	-114.12	0
AC-38	AP	N	TS	GS-63	132kV SEETHAPURAM LINE at CHILLAKALLU	CHILLAKALLU	-209.303	0
AC-39	TS	P	AP	NIL	132KV BONAKALU LINE 1 AT CHILLAKALLU	CHILLAKALLU	-55.704	0
AC-40	TS	P	AP	NIL	132KV BONAKALU LINE 2 AT CHILLAKALLU	CHILLAKALLU	-89.928	0
AK-12	TS	N	AP	AK-24	400KV KALPAKA LINE 2 AT KHAMMAM	KHAMMAM	0	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	0	0
AK-50	AP	N	РО	PY-01	132KV YANAM LINE AT PRATHAP NAGAR (KAKINADA)	KAKINADA	197.028	0
AK-52	AP	N	TS	GS-64	132kV SEETHAPURAM LINE at KCP CEMENTS	KCP CEMENTS	40.68	0
AK-61	AP	N	TS	GS-60	400KV SRISAILAM LB LINE AT KURNOOL	KURNOOL	-2308.367	0
AK-71	AP	N	TS	GA-61	132KV ASWRAOPET LINE 1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	-396	0
AK-72	AP	N	TS	GA-62	132KV ASWRAOPET LINE 1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	-397.508	0
AK-73	AP	N	TS	GS-68	400KV SURYAPETA LINE-1 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	0	0
AK-74	AP	N	TS	GS-69	400KV SURYAPETA LINE-2 AT KAMAVARAPUKOTA	KAMAVARAPUKOTA	0	0
AL-01	AP	N	TS	GK-02	220KV KTPS LINE 1 AT L SILERU	LOWER SILERU	-2129.925	0
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AL-02	AP	N	TS	GK-03	220KV KTPS LINE 2 AT L SILERU	LOWER SILERU	-2473.6	0
AM-03	TS	N	AP	AU-03	400KV URAVAKONDA LINE-1 AT MAHABOOBNAGAR	MEHABOOBNAGAR	0	0
AM-04	TS	N	AP	AU-04	400KV URAVAKONDA LINE -2 AT MAHABOOBNAGAR	MEHABOOBNAGAR	-10296.023	0
AN-71	AP	N	TS	GK-01	220KV KTPS LINE AT NUNNA	NUNNA	2708.475	0
AR-01	AP	P	KA	CA-01	220KV ALIPUR LINE AT RAGULAPADU	RAGULAPADU	-2459.681	0
AR-11	AP	N	TS	GS-66	132kV NSAGAR LINE at NSAGAR RIGHT CANAL	NSAGAR RC	-2835.428	0
AS-01	AP	N	TN	TG-01	220KV GUMMIDIPUNDI LINE AT SULURPET	SULURPET	-1033.759	0
AS-11	AP	N	TS	GS-65	220kV NSAGAR LINE at SRISAILAM RB	SRISAILAM RB	-1627.519	0
AS-12	AP	N	TS	GD-01	220KV DINDI LINE 1 AT SRISAILAM RB	SRISAILAM RB	-823.037	0
AS-13	AP	N	TS	GD-02	220KV DINDI LINE 2 AT SRISAILAM RB	SRISAILAM RB	-533.437	0
AS-14	AP	N	TS	GS-61	400KV SRISAILAM LB LINE 1 AT SATTENAPALLI	SATTENAPALLI	-3393.452	0
AS-15	AP	N	TS	GS-62	400KV SRISAILAM LB LINE 2 AT SATTENAPALLI	SATTENAPALLI	-3312.727	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	3557.275	0
AT-12	AP	N	TS	GT-61	220KV NSAGAR LINE 1 AT TALLAPALLI	TALAPALLI	6781.775	0
AT-13	AP	N	TS	GT-63	220KV NSAGAR LINE 2 AT TALLAPALLI	TALAPALLI	6893.12	0
AT-14	AP	N	TS	GC-12	220KV CHALAKURTHY LINE AT TALLAPALLI	TALAPALLI	8.325	0
AT-22	AP	N	TS	GW-10	132KV WADAPALLI LINE AT TANGEDA	TANGEDA	350.928	-0.506
AU-03	AP	N	TS	AM-03	400KV MAHABOOBNAGAR LINE 1 AT URAVAKONDA	URAVAKONDA	0	0
AU-04	AP	N	TS	AM-04	400KV MAHABOOBNAGAR LINE 2 AT URAVAKONDA	URAVAKONDA	-8995.625	0
AV-61	AP	N	TS	GK-30	400KV SURYAPETA LINE AT VTPS	VTPS	-15521.449	0
AV-63	AP	N	TS	GS-70	400KV SURYAPET LINE 2 AT VTPS	VTPS	0	0
CA-01	KA	N	AP	AR-01	220KV RAGULAPADU LINE AT ALIPURA	ALIPUR	-161.759	-664.2

					220KV			
CK-01	KA	N	KL	KK-02	KANIYAMPETTA LINE AT KADAKOLA	KADAKOLA	0	0
CK-02	KA	N	KL	KK-03	110kV MANJESWARAM LINE AT KONAJE	KONAJE	-36.959	0
CS-31	KA	N	TS	AT-01	220kV TANDUR LINE AT SEDAM	SEDAM	-712.481	-4.475
CY-01	KA	N	TN	TH-30	220kV HOSUR LINE AT YERANDAHALLY	YERANDAHALLY	-729.125	0
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	-346.968	0
GA-61	TS	N	AP	AK-71	132KV KAMAVARAPUKOTA LINE 1 AT ASWAROPET	ASWARAPET	217.008	0
GA-62	TS	N	AP	AK-72	132KV KAMAVARAPUKOTA LINE 2 AT ASWAROPET	ASWARAPET	195.772	0
GA-63	TS	N	AP	AC-21	132KV AP CARBIDES LINE 2 AT ALAMPUR X ROAD	ALAMPUR X Roads	-349.127	0
GC-12	TS	N	AP	AT-14	220KV TALLAPALLI LINE AT CHALAKURTHY	CHALAKURTHY	-934.4	0
GD-01	TS	N	AP	AS-12	220KV SRISAILAM LINE 1 AT DINDI	DINDI	834.72	0
GD-02	TS	N	AP	AS-13	220KV SRISAILAM LINE 2 AT DINDI	DINDI	-622.563	0
GK-01	TS	N	AP	AN-71	220kV NUNNA LINE at KTPS	KTPS	-5663.037	0
GK-02	TS	N	AP	AL-01	220KV L SILERU LINE 1 AT KTPS	KTPS3	406.4	0
GK-03	TS	N	AP	AL-02	220KV L SILERU LINE 2 AT KTPS	KTPS3	211	0
GK-11	TS	N	AP	AC-32	220KV CHILLAKALLU LINE 2 AT PULICHINTALA	pulichintala	-2187.681	0
GK-30	TS	N	AP	AV-61	400KV VTPS LINE 1 AT SURYAPETA	SURYAPETA(400kV)	3170.909	0
GK-52	TS	N	AP	AC-34	132KV CHILLAKALLU LINE AT KHAMMAM	ALAMPUR X Roads	-351.973	0
GK-53	TS	N	AP	AC-35	132kV CHILLAKALLU LINE at KUSUMANCHI	KUSUMANCHI	-391.826	0
GK-54	TS	N	AP	AC-36	132kV CHILLAKALLU LINE at KODADA	KODADA	762.178	0
GM-32	TS	N	AP	AC-33	132kV CHILLAKALLU LINE at MADHIRA	MADHIRA	278.28	0
GR-01	TS	N	AP	AC-37	132kV CHILLAKALLU LINE at RAMPURAM	RAMPURAM	87.407	0
GS-60	TS	N	AP	AK-61	400kV KURNOOL LINE at Srisailam LB	SRISAILEM LB	0	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	0	0
GS-63	TS	N	AP	AC-38	132kV CHILLAKALLU LINE at SEETHAPURAM	SEETHAPURAM	213.12	0
GS-64	TS	N	AP	AK-52	132kV KCP CEMENTS LINE at SEETHAPURAM	SEETHAPURAM	-53.298	0
GS-65	TS	N	AP	AS-11	220KV SRISAILAM RB LINE AT NSAGAR	NSAGAR -TS (220kV)	178.439	0
GS-66	TS	N	AP	AR-11	132KV NSAGAR RIGHT CANAL LINE AT NSAGAR	NSAGAR -TS (220kV)	527.546	0
GS-67	TS	N	AP	AC-31	220KV CHILLAKALLU LINE-1 AT SURYAPETA	SURYAPETA(220kV)	-4186.712	0
GS-68	TS	N	AP	AK-73	400KV KAMAVARAPUKOTA LINE-1 AT SURYAPETA	SURYAPETA(400kV)	0	0
GS-69	TS	N	AP	AK-74	400KV KAMAVARAPUKOTA LINE-2 AT SURYAPETA	SURYAPETA(400kV)	0	0
GS-70	TS	N	AP	AV-63	400KV VTPS LINE 2 AT SURYAPETA	SURYAPETA(400kV)	0	0
GT-60	TS	N	AP	AT-11	220KV TALAPALLI LINE 3 AT NSAGAR	NSAGAR -TS (220kV)	-4301.438	0
GT-61	TS	N	AP	AT-12	220KV TALAPALLI LINE 1 AT NSAGAR	NSAGAR -TS (220kV)	-5669.444	0
GT-63	TS	N	AP	AT-13	220KV TALAPALLI LINE 2 AT NSAGAR	NSAGAR -TS (220kV)	-7010.559	0
GW-01	TS	N	AP	AB-10	220kV BRAHMANAKOTKUR LINE at WANAPARTHY	WARNAPARTHY	-784.312	0
GW-10	TS	N	AP	AT-67	132kV TANGEDA LINE at WADAPALLI	WADAPALLI	-444.459	0
KI-01	KL	N	TN	TU-21	220kV UDUMALPET LINE AT IDUKKI	IDUKKI	-2459.52	-8.8
KK-02	KL	N	KA	CK-01	220KV KADAKOLA LINE AT KANIAMPETA	KANIANPETA	-326.25	-20.159
KK-03	KL	N	KA	CK-02	110KV KONAJE LINE AT MANJESWARAM	MANJESWARAM	5.58	-0.42
KK-04	KL	N	TN	TT-50	220KV THENI LINE AT MOOZHIYAR	MOOZHIYAR	-829.44	0
KK-05	KL	N	TN	TK-40	110KV KUZHITHURAI LINE AT PARASALA	PARASALA	-64.71	0
KP-51	KL	N	РО	PP-13	MAHE LINE-1 AT PANOOR	PANOOR	0	0.285
KP-52	KL	N	PO	PP-14	MAHE LINE-2 AT PANOOR	PANOOR	0	0.35
PP-13	РО	N	KL	KP-51	110KV PANOOR LINE-1 AT MAHE	МАНЕ	0	-0.305

PP-14	РО	N	KL	KP-52	110KV PANOOR LINE-2 AT MAHE	МАНЕ	0	-0.28
PY-01	РО	N	AP	AK-50	132kV KAKINADA LINE AT YANAM	YANAM	-55.56	0
TG-01	TN	N	AP	AS-01	230KV SULURPET LINE AT GUMMIDIPONDI	GUMMIDIPUNDI	-236.982	0.126
TH-30	TN	N	KA	CY-01	230KV YERANDAHALLI LINE AT HOSUR (TN)	HOSUR230	7.402	147.027
TK-40	TN	N	KL	KK-05	110KV PARASALA LINE AT KUZHITHURAI	KUZHITHURAI	152.295	0
TT-50	TN	N	KL	KK-04	230KV MOOZHIYAR LINE AT THENI	THENI	0.127	-314.509
TT-51	TN	N	AP	AC-14	230KV CHITOOR LINE AT THIRUVALAM	TIRUVALEM	0	-2196.836
TU-21	TN	N	KL	KI-01	230kV IDUKKI LINE AT UDUMALPET (TNEB)	UDUMALPET230	3120.182	7.904