

Drawl by APTRANSCO from Grid

At ISTS network

As on 20-09-2015

Sl. No.	Metering point	Feeder/ICTs	Main Meter	Check Meter, if	Standby Meter	Remarks
1	Gazuwaka	400 kV side of ICT-I	AP-01		AP-02	
		400 kV side of ICT-II	AP-69		AP-70	
		33kV side of Aux. Transformer-I	PG 01			Aux. cons.of HVDC pole-1
		33kV side of Aux. Transformer-II	PG 03			Aux. cons.of HVDC pole-2
		400 kV Kalpaka Line-I	AP 81		AT-23	
		400 kV Kalpaka Line-2	AP 82		AT-24	
		Drawal at Gazuwaka (AP-GZ)*=		(AP-01)+(AP-69)-(PG-01)-(PG-03)+(AP-81)+(AP-82)		
2	Vijayawada	400 kV side of ICT I	AP-03		AP-04	
		400 kV side of ICT II	AP-43		AP-44	
		400 kV VTPS IV Line-I	AP-73			
		400 kV VTPS IV Line-II	AP-75		AT-35	
		Drawal at Vijayawada (AP-VJ)*=		(AP-03)+(AP-43)+(AP-73)+(AP-75)		
3	Vemagiri	400 kV Vijayawada Line-I	AP-61		AP-62	
		400 kV Vijayawada Line-II	AP-63		AP-64	
		400 kV Vijayawada Line-III	AP-45		SR-72	
		400 kV Vijayawada Line-IV	AP-46		SR-73	
		400 kV Simhadri Line-I	AP-47		SM-09	
		400 kV Simhadri Line-II	AP-48		SM-13	
		Drawal at Vemagiri (AP-VM)*=		(AP-61)+(AP-63)-(AP-45)-(AP-46)-(AP-47)-(AP-48)		
4	Nagarjunasagar	400 kV side of ICT-I	AP-23		AP-24	
		400 kV side of ICT-II	AP-25		AP-26	
		400 kV side of ICT-III	AP-27		AP-28	
		Drawal at N'Sagar (AP-NS)*=		(AP-23)+(AP-25)+(AP-27)		
5	Cuddapah	400 kV side of ICT-I	AP-29		AP-30	
		400 kV side of ICT-II	AP-37		AP-38	
		Drawal at Cuddapah (AP-KD)*=		(AP-29)+(AP-37)		
6	Gooty	400 kV side of ICT-I	AP-31		AP-32	
		400 kV side of ICT-II	AP-39		AP-40	
		Drawal at Gooty (AP-GY)*=		(AP-31)+(AP-39)		
7	Nellore	400 kV Bus-I Interconnector (PG)	AP-33		# AP-34	#Meters connected with reverse polarity
		400 kV Bus-II Interconnector (PG)	AP-35		# AP-36	
		Drawal at Nellore (AP-NL)*=		(AP-33)+(AP-35)		
8	Kurnool (APTRANSCO)	400 kV Hyderabad line	AP-86		AP-85	
		400 kV Gooty line	AP-88		AP-87	
		400kV line 1 to Kurnool 765kV	AK-10		AK-51	
		400kV line 2 to Kurnool 765kV	AK-11		AK-55	
		Drawal at Kurnool (AP-KL)*=		-(AP-86)-(AP-88)-(AK-10)-(AK-11)		
9	Chittoor 400 kV (APTRANSCO)	400 kV Cuddapah line	AP-65		SR-09	
		400 kV Sriperambadur line	AP-66		SR-30	
		400kV Thiruvalam line 1	AC-15		TT-24	
		400kV Thiruvalam line 2	AC-16		TT-25	
		Drawal at Chittoor (AP-CH)*=		-(AP-65)-(AP-66)-(AC-15)-(AC-16)		
10	KALAPAACA	400 kV Khammam line 1	AT-36		AP-83	
		400 kV Khammam line 2	AT-37		AP-84	
		Drawal at Kalapaaka (AP-KLP) =		-(AT-36)+(AT-37)		
11	SIMHADRI 400 kV (NTPC)	400 kV Bus-I Interconnector -1	SM-01	SM-05		
		400 kV Bus-I Interconnector -2	SM-02	SM-06		
		Drawal at Simhadri (AP-SM) =		(SM-01)+(SM-02)		

At Inter-State lines

1	Kakinada	132 kV Yanam line	PO-05		PO-06	
2	Ragulapadu	220 kV Bellary line	AT-52		CK-55	
3	Chittoor(220 kV)	220 kV Tiruvalam line	AP-53		TN-56	
4	Sulurpet	220kV Gummidipondi line	AP-54		TN-57	
5	Kurnool	400kV Srisaillam LB	AK-61		GS-60	
6	Sattennapalli	400kV Srisaillam LB Line-1	AS-14		GS-61	

* Fictitious meters created for computations.

7	Sattennapalli	400kV Srisaialam LB Line-2	AS-15		GS-62	
8	VTPS	400kV Malkaram Line-1	AV-61		GK-30	
9	VTPS	400kV Malkaram Line-2	AV-62		GK-31	
10	Brahmanakotkar	220kV Narketpalli Line	AB-10		GW-01	
11	Chillakallu	220kV Narketpalli Line-1	AC-31		GK-10	
12	Chillakallu	220kV Narketpalli Line-2	AC-32		GK-11	
13	Nunna	220kV KTPS Line	AN-71		GK-01	
14	Srisaialam RB	220kV N'Sagar Line	AS-11		GS-65	
15	Talapalli	220kV N'Sagar Line-3	AT-61		GT-60	
16	Talapalli	220kV N'Sagar Line-1	AT-62		GT-61	
17	Talapalli	220kV N'Sagar Line-2	AT-63		GT-63	
18	Talapalli	22kV Chalukurthy Line	AT-64		GC 12	
19	L. Sileru	220kV KTPS line I	AL-01		GK-02	
20	L. Sileru	220kV KTPS line II	AL-02		GK-03	
21	Srisaialam RB	220kV Dindi line I	AS-12		GD-01	
22	Srisaialam RB	220kV Dindi line II	AS-13		GD-02	
23	AP Carbides	132kV Alampur X Road Line I	AC-20		GA-60	
24	AP Carbides	132kV Alampur X Road Line II	AC-21		GA-63	
25	Chillakallu	132kV Madhira Line	AC-33		GM-32	
26	Chillakallu	132kV Khammam Line	AC-34		GK-52	
27	Chillakallu	132kV Kasumanchi Line	AC-35		GK-53	
28	Chillakallu	132kV Kodada Line	AC-36		GK-54	
29	Chillakallu	132kV Rampuram Line	AC-37		GR-01	
30	Chillakallu	132kV Seethapuram Line	AC-38		GS-63	
31	Chillakallu	132kV Bonakal Line-1	AC-39			
32	Chillakallu	132kV Bonakal Line-2	AC-40			
33	Kamavarapukota	132kV Aswraopet Line-1	AK-71		GA-61	
34	Kamavarapukota	132kV Aswraopet Line-2	AK-72		GA-62	
35	KCP Cements	132kV Seethapuram Line	AK-52		GS-64	
36	N'Sagar RC	132kV N'Sagar Line	AR-11		GS-66	
37	Piduguralla#	132kV Wadapalli Line	AD-21		GW-11	# Line under open condition
38	Tangeda	132kV Wadapalli Line	AT-67		GW-10	

AP's Drawl on ISTS network (AP-91) = (AP-GZ)+(AP-VJ)+(AP-VM)+(AP-NS)+(AP-KD)+(AP-GY)+(AP-NL)+(AP-KL)+(AP-CH)+(AP-KLP)+(AP-SM)

AP's Drawl on 220kV/132KV inter-state lines (AP-92) = -(PO-05)-(AP-53)-(AT-52)-(AP-54)-(AK-61)-(AS-14)-(AS-15)-(AV-61)-(AV-62)-(AB-10)-(AC-32)-(AN-71)-(AL-1)-(AL-2)-(AS-11)-(AT-61)-(AT-62)-(AT-63)-(AT-64)-(AS-12)-(AS-13)-(AC-20)-(AC-33)-(AC-34)-(AC-35)-(AC-36)-(AC-37)-(AC-39)-(AC-40)-(AC-38)-(AK-71)-(AK-72)-(AK-52)-(AR-11)-(

Total Drawl by APTRANSCO (AP-93) = (AP-91)-(AP-92)

* Fictitious meters created for computations.