

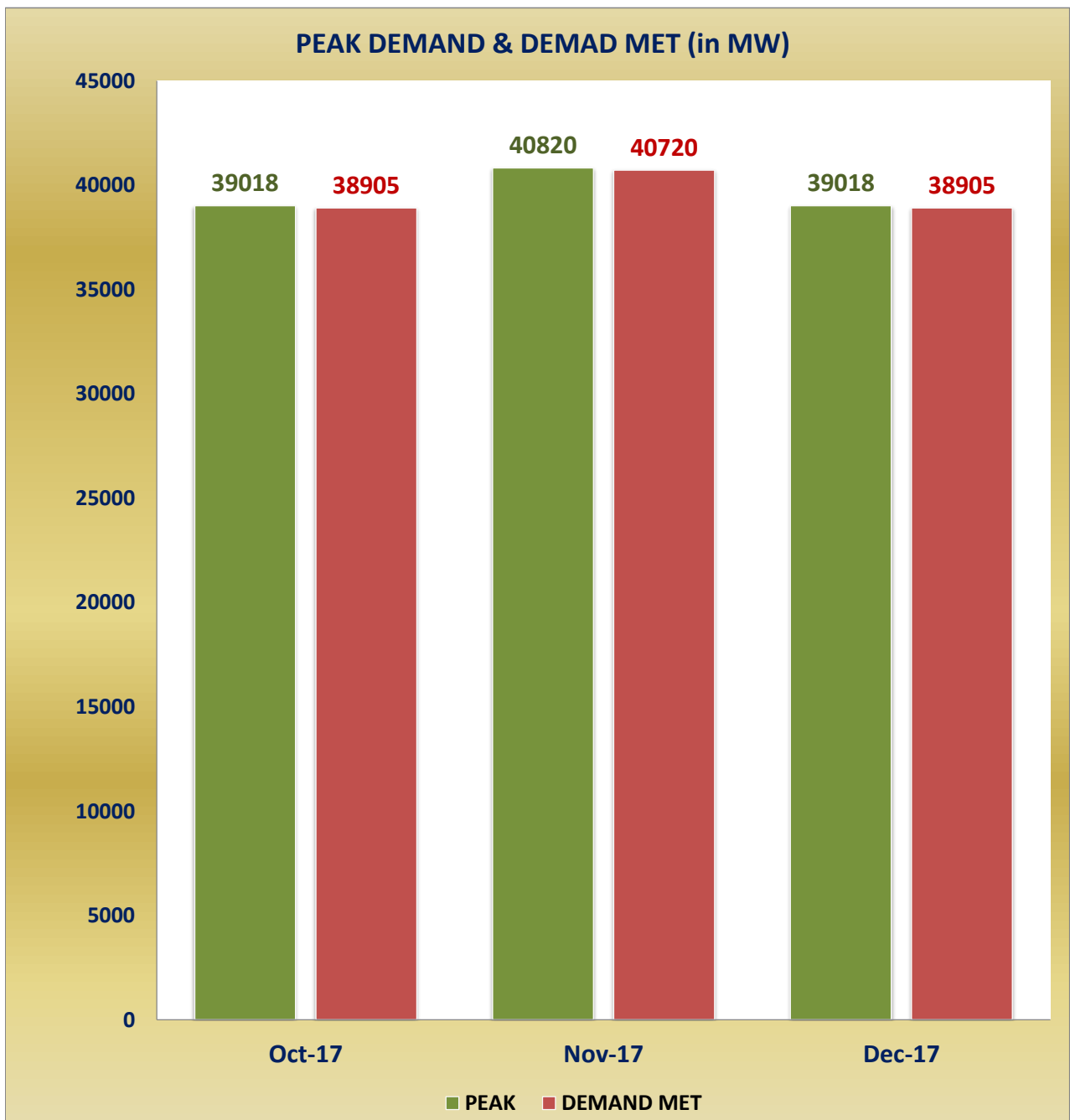
1. POWER SUPPLY POSITION

a) Peak Demand Met and Unrestricted Demand

Month	State/UT	Unrestricted Demand (MW)	Peak Demand Met (MW)	Shortage (MW)	Shortage (%)
Oct-17	Andhrapradesh	7750	7750	0.00	0.00
	Telangana	7549	7538	11.10	0.15
	Karnataka	8444	8406	37.80	0.45
	Kerala	3708	3620	87.66	2.42
	Tamilnadu	13716	13716	0.00	0.00
	Pondicherry	364	364	0.00	0.00
	S.Region	39018	38905	112.50	0.29
Nov-17	Andhrapradesh	8166	8166	0.00	0.00
	Telangana	7761	7750	11.10	0.14
	Karnataka	9688	9688	0.00	0.00
	Kerala	3657	3656	1.06	0.03
	Tamilnadu	14561	14561	0.00	0.00
	Pondicherry	347	347	0.00	0.00
	S.Region	40820	40720	100.00	0.25
Dec-17	Andhrapradesh	7750	7750	0.00	0.00
	Telangana	7549	7538	11.10	0.15
	Karnataka	8444	8406	37.80	0.45
	Kerala	3708	3620	87.66	2.42
	Tamilnadu	13716	13716	0.00	0.00
	Pondicherry	364	364	0.00	0.00
	S.Region	39018	38905	112.50	0.29

b) SR Demand chart

Month	Peak Demand(MW)	Demand Met(MW)	Shortage(MW)	% Shortage
Oct-17	39018	38905	113	0.3
Nov-17	40820	40720	100	0.2
Dec-17	39018	38905	113	0.3

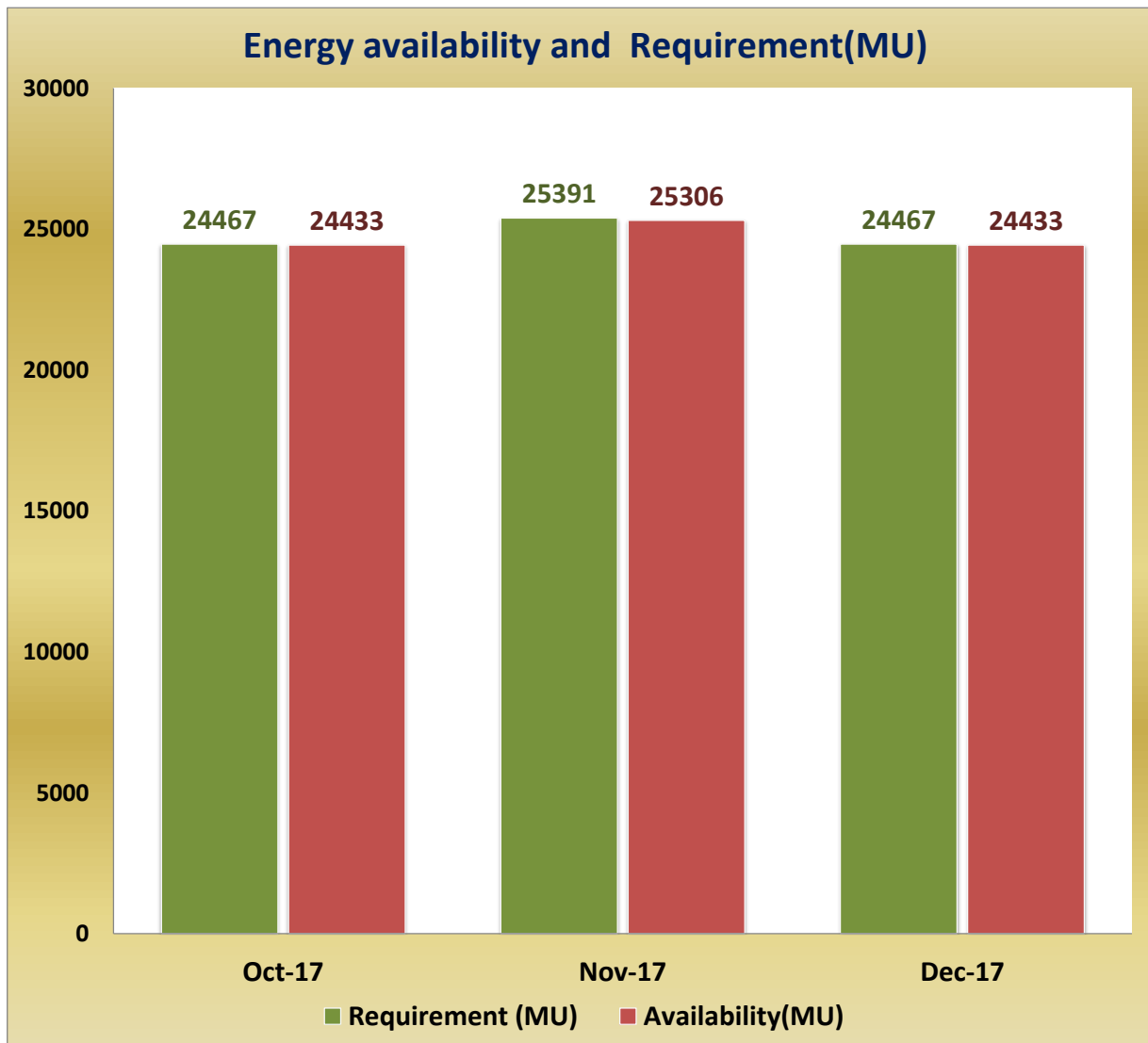


C. Energy availability and Requirement(MU)

Month	State/UT	Requirement (MU)	Energy met (MU)	Shortage (MU)	Shortage (%)
Oct-17	<i>Andhrapradesh</i>	4626	4621	4.61	0.10
	<i>Telangana</i>	4739	4734	4.90	0.10
	<i>Karnataka</i>	4480	4474	6.42	0.14
	<i>Kerala</i>	2015	2007	8.24	0.41
	<i>Tamilnadu</i>	8395	8386	9.09	0.11
	<i>Pondicherry</i>	212	212	0.41	0.19
	<i>S.Region</i>	24467	24433	33.68	0.14
Nov-17	<i>Andhrapradesh</i>	4835	4831	4.67	0.10
	<i>Telangana</i>	4527	4522	4.96	0.11
	<i>Karnataka</i>	5778	5718	59.22	1.04
	<i>Kerala</i>	1973	1967	6.00	0.30
	<i>Tamilnadu</i>	8085	8076	9.19	0.11
	<i>Pondicherry</i>	192	192	0.41	0.21
	<i>S.Region</i>	25391	25306	84.44	0.33
Dec-17	<i>Andhrapradesh</i>	4626	4621	4.61	0.10
	<i>Telangana</i>	4739	4734	4.90	0.10
	<i>Karnataka</i>	4480	4474	6.42	0.14
	<i>Kerala</i>	2015	2007	8.24	0.41
	<i>Tamilnadu</i>	8395	8386	9.09	0.11
	<i>Pondicherry</i>	212	212	0.41	0.19
	<i>S.Region</i>	24467	24433	33.68	0.14

D. Energy availability and Requirement (in MU) chart

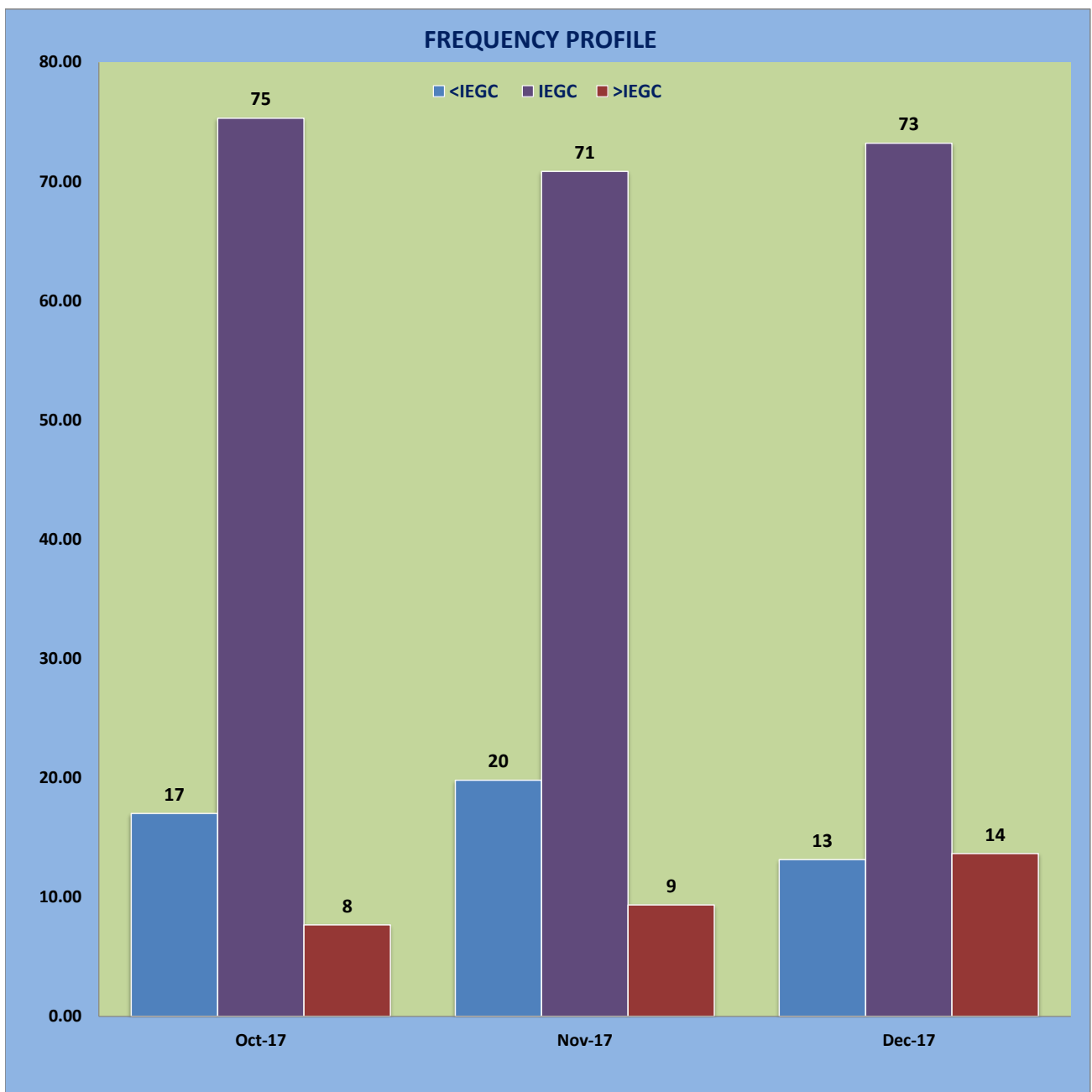
Month	Requirement (MU)	Availability(MU)	Shortage	% Shortage
Oct-17	24467	24433	33.68	0.14
Nov-17	25391	25306	84.44	0.33
Dec-17	24467	24433	33.68	0.14



2. QUALITY OF SERVICE

a) Frequency Profile (% time)

Month	<49.7	<49.7-49.9	49.9-50.05	>50.05-50.20	>50.2
Oct-17	0	17	75	8	0
Nov-17	0	20	71	9	0
Dec-17	0	13	73	14	0



b) Voltage Profile

Month	Oct-17		Nov-17		Dec-17	
Station	Max (kV)	Min (kV)	Max (kV)	Min (kV)	Max (kV)	Min (kV)
Ramagundam	423	385	421	401	425	385
Hyderabad	426	399	424	396	429	396
Bangalore	424	397	422	403	426	398
Madras	426	400	424	401	429	392
Neyveli	420	398	414	388	420	398
Kolar	430	404	428	406	431	402
Vijaywada	425	404	432	398	428	401
Trichur	422	377	421	389	422	378
Udumalpet	439	377	438	404	434	378

3. INTER-REGIONAL EXCHANGES (PHYSICAL) in MU

Month	Bhadravati	Gazuwaka	Talcher-Kolar	Raichur-Sholapur D/C	Kudgi-Kolhapur D/C	Angul-Srikakulam D/C
	Import SR(MU)	Import SR(MU)	Import SR(MU)	Import SR(MU)	Net Import (MU)	Net Import (MU)
Oct-17	316	114	643	92	-345	402
Nov-17	391	347	1306	455	-146	531
Dec-17	419	436	1315	768	-48	538

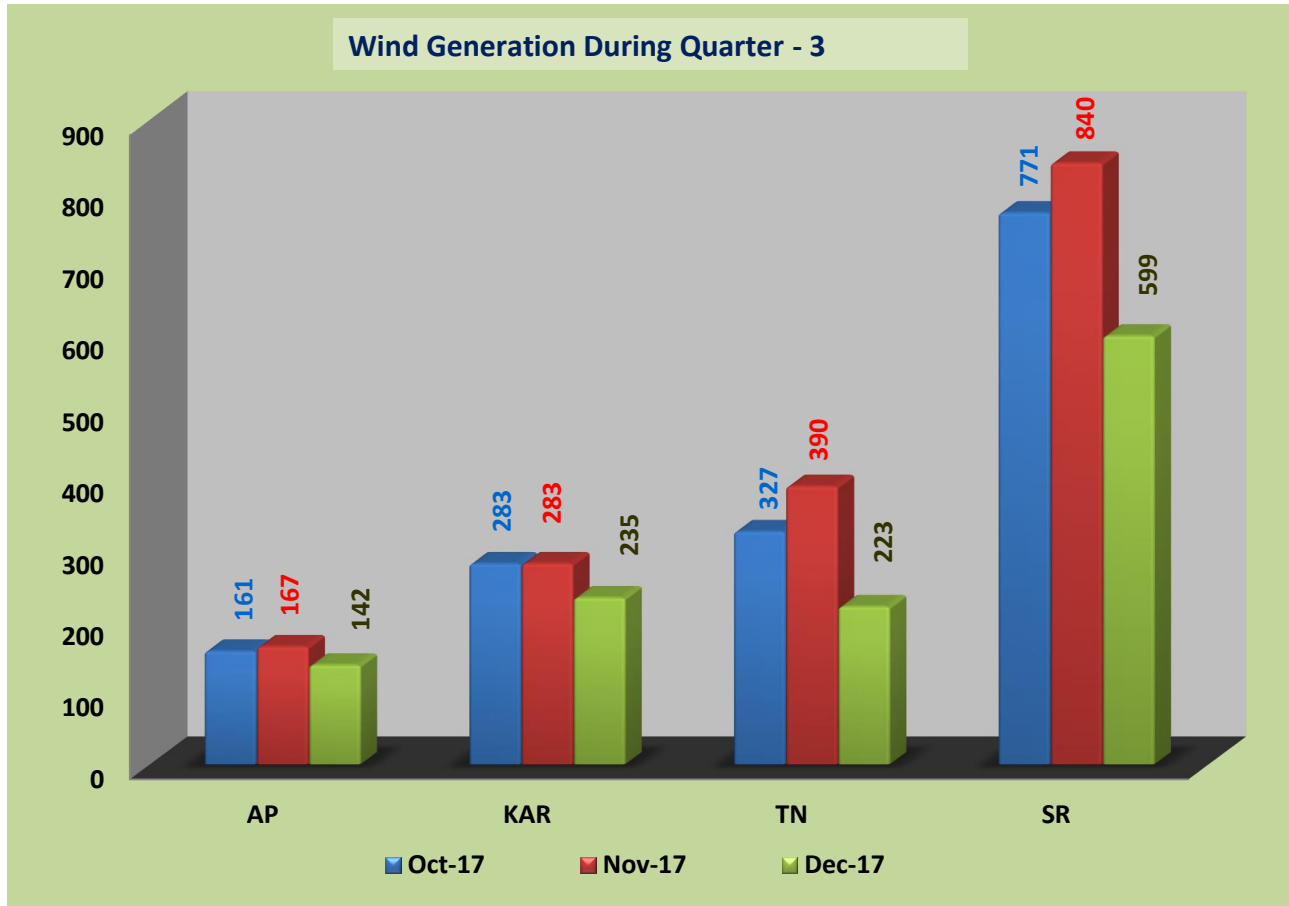
Month	Wardha-Nizamabad
	Import SR(MU)
Oct-17	505
Nov-17	786
Dec-17	1066

4. SCHEDULE vs ACUAL DRAWAL BY STATES

Month	STATE / UT	Schedule (MU)	Drawal (MU)	OD(+)/UD(-)
Oct-17	APTRANSCO	1420.1	1455.4	35.3
	TSTRANSCO	1476.2	1450.9	-25.4
	KPTCL	1504.4	1553.5	49.1
	KSEB	1388.6	1421.2	32.6
	TNEB	4101.4	4132.3	30.9
	PONDY	220.7	211.7	-9.0
	GOA	50.0	55.3	5.3
Nov-17	APTRANSCO	1736.9	1773.0	36.0
	TSTRANSCO	1800.3	1740.9	-59.4
	KPTCL	2425.5	2506.9	81.4
	KSEB	1495.0	1523.7	28.6
	TNEB	4360.8	4427.2	66.4
	PONDY	207.8	192.1	-15.7
	GOA	56.5	59.9	3.4
Dec-17	APTRANSCO	1793.0	1823.6	30.6
	TSTRANSCO	2171.3	2149.9	-21.4
	KPTCL	2597.9	2679.7	81.8
	KSEB	1545.3	1572.4	27.1
	TNEB	4433.0	4571.8	138.7
	PONDY	215.5	196.4	-19.2
	GOA	48.9	49.6	0.7

5) Wind Generation in Southern region during Quarter - 3

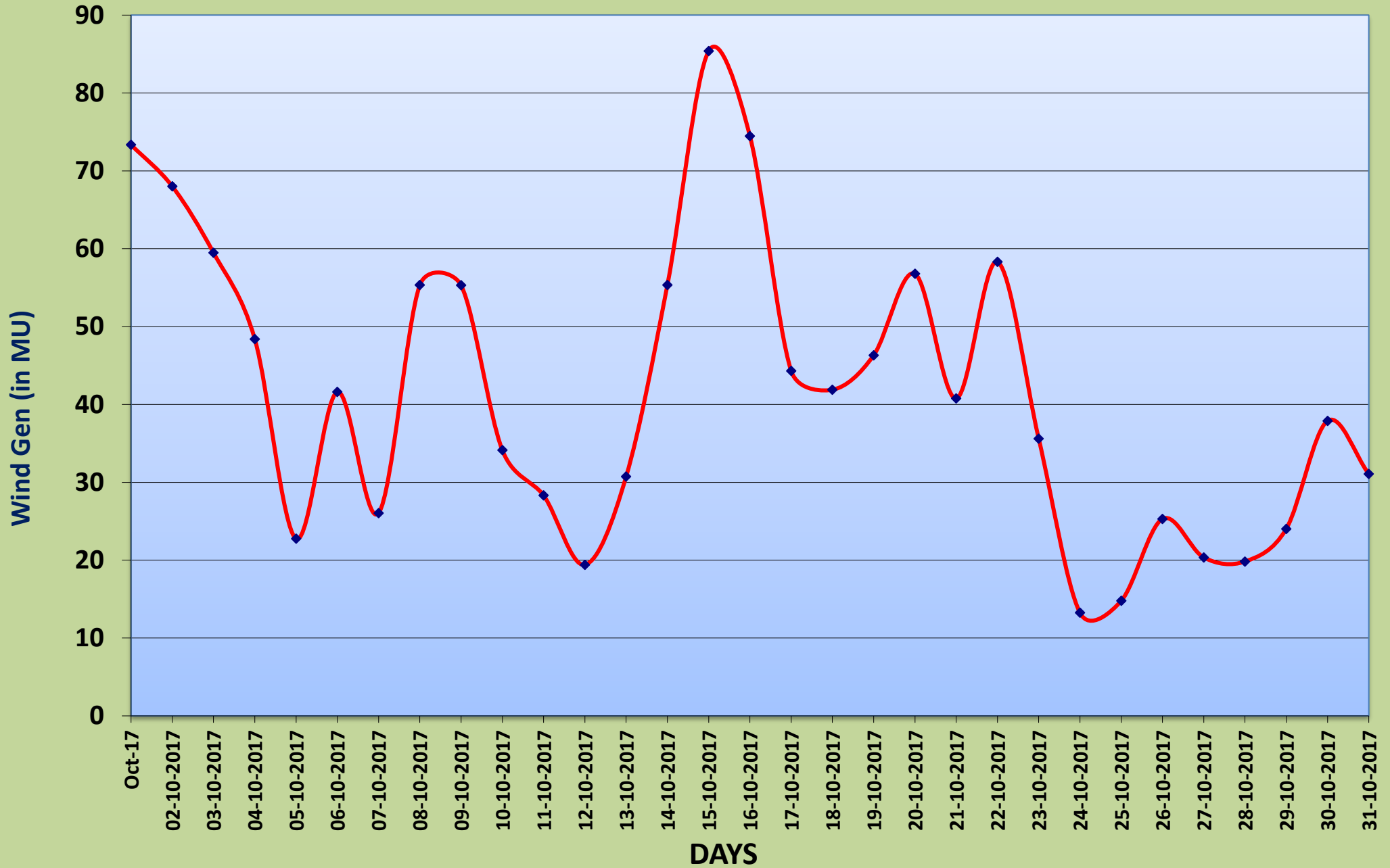
Month	AP(MU)	KAR(MU)	TN (MU)	SR (MU)
<i>Oct-17</i>	207.85	216.23	848.41	1272.49
<i>Nov-17</i>	239.18	328.95	208.10	776.24
<i>Dec-17</i>	375.42	461.02	302.75	1139.19



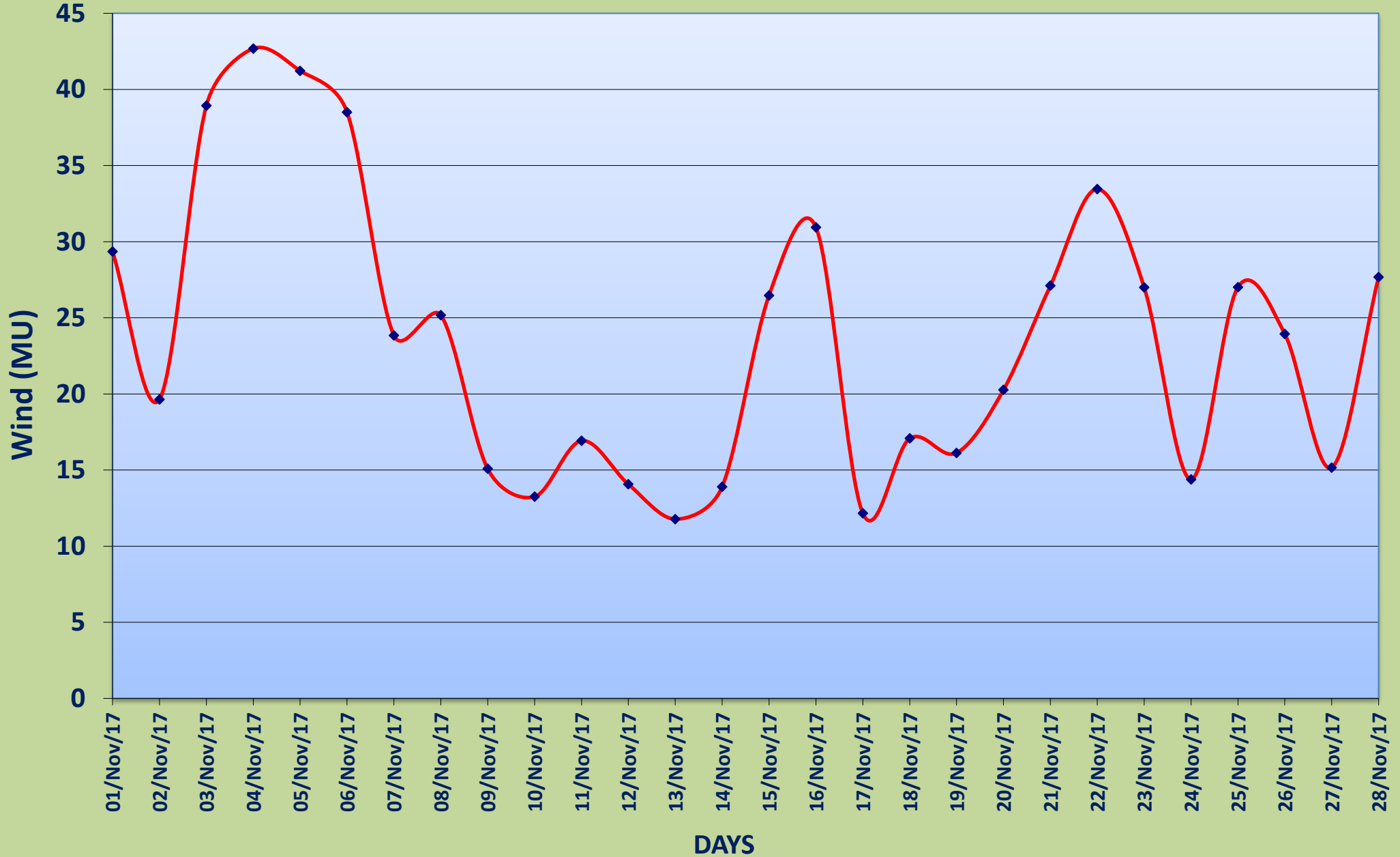
5.1) % of wind in the total demand met by Region

Month	TOTAL WIND (MUs)	ENERGY MET (MUs)	% ENERGY MET
<i>Oct-17</i>	1272	24433	5.21
<i>Nov-17</i>	776	25306	3.07
<i>Dec-17</i>	1139	24433	4.66

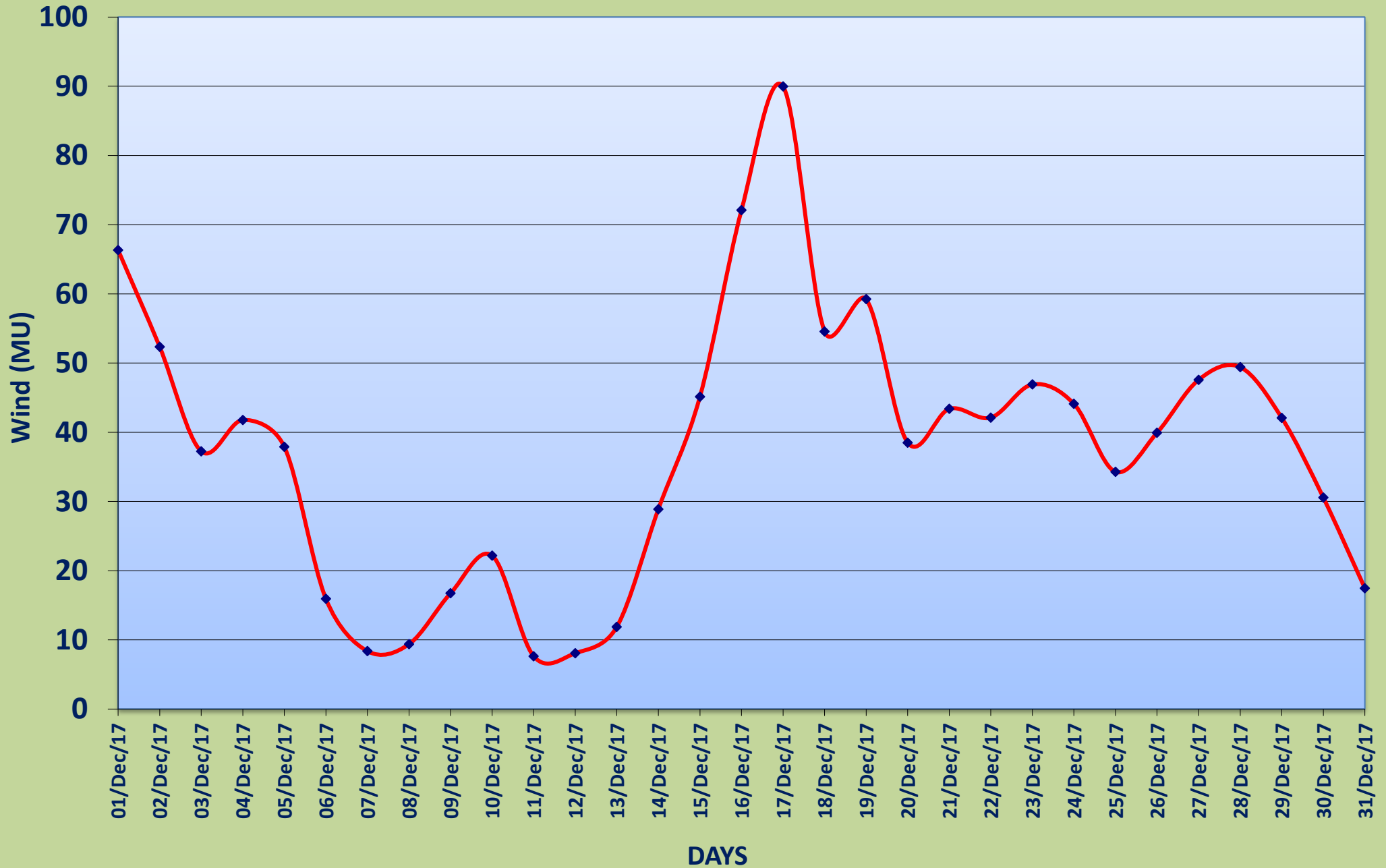
Wind Generation in MU's During October 2017



Wind Generation in MU's During November 2017



Wind Generation in MU's During December 2017



6. SUMMARY REPORT

I) Important Events

a) COMMISSIONING OF NEW GENERATING UNITS

SI. No.	STATE/ISGS	STATION NAME	CAPACITY (MW)	TYPE	DATE
1	Nil				
2					

b. COMMISSIONING OF NEW TRANSMISSION LINES

SI. No.	CONSTITUENT	LINE NAME & CKT NO.	KV	LENGTH (KM)	DATE
1	TANTRANSCO	400 KV RASIPALYAM - ANAIKADAVU - 1	400		04-Oct-17
2	TANTRANSCO	400 KV RASIPALYAM - ANAIKADAVU - 2	400		04-Oct-17
3	POWERGRID	400 kV Nizamabad- Shankarpally-1	400		13-Oct-17
4	POWERGRID	400 kV Nizamabad- Shankarpally-2	400		13-Oct-17
5	POWERGRID	400kV Gooty-Pavagada	400		23-Oct-17
6	POWERGRID	400kV Tumkur-Pavagada	400		23-Oct-17
7	POWERGRID	400/220kV ICT-1 AT PAVAGADA	400/220		23-Oct-17
8	TANTRANSCO	400/110ICT-1 AT ANAIKADAVU	400/110	-	06-Nov-17
9	TANTRANSCO	400/110ICT-2 AT ANAIKADAVU	400/110	-	06-Nov-17
10	TANTRANSCO	400/230 ICT-3 AT ANAIKADAVU	400/230	-	06-Nov-17
11	TANTRANSCO	400/230 ICT-4 AT ANAIKADAVU	400/230	-	06-Nov-17
12	TANTRANSCO	400kV Kayathar -Kannarpatty-1	400		08-Nov-17
13	TANTRANSCO	400kV Kayathar -Kannarpatty-2	400		08-Nov-17
14	TSTRANSCO	400/220 ICT-2 AT MAHESHWARAM (TG)	400/220	-	15-Nov-17

c. COMMISSIONING OF NEW SUBSTATIONS

SI. No.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
1	POWERGRID	400/220kV PAVAGADA	400/220	500.00	23-Oct-17

d) COMMISSIONING OF NEW LINE / BUS REACTORS

SI. No.	CONSTITUENT	STATION NAME	BUS/LINE	CAPACITY (MVAR)	DATE
1	NIL				