

**SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)**

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Recognized by UGC under section 2(f) & 12(B))

(Permanently affiliated to JNTUK, Kakinada, Accredited by NBA and NAAC with 'A' Grade)

Pedatadepalli, TADEPALLIGUDEM – 534 101.W.G.Dist. (A.P)

Wheeling to the Grid**Summary**

The institute is wheeling the power generated from the rooftop solar panels to the distribution grid. The unit shared with the grid is reduced from the actual consumption.

As an example, consider the bill for the month of June 2018. The total consumption for the month is 57880 KVAH units. Whereas the 898 KVAH units are shared with the grid. The total billed units for the month are 56982 KVAH units, which is the difference the total consumption units and shared with the grid.

Total consumption: 57880 (KVAH)

Solar share: 898 (KVAH)

Difference: 56982 (KVAH)

Billed units for June 2018: 56982 (KVAH)

Month	Total Consumption (KVAH)	Solar Share (KVAH)	Difference (Total Consumption - Solar Share)	Billed Units (KVAH)
June-2018	57880	898	56982	56982
July-2018	83102	250	82852	82852
Aug-2018	101800	16	101784	101784
Sept-2018	100643	40	100603	100603
Oct-2018	92270	1149	91121	91121
Nov-2018	88106	10	88096	88096
Dec-2018	69233	298	68935	68935
Jan-2019	59934	203	59731	59731
Feb-2019	88390	0	88390	88390
Mar-2019	118563	102	118461	118461
Apr-2019	111705	6	111699	111699
May-2019	82590	1681	80909	80909

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Month	Total Consumption (KVAH)	Solar Share (KVAH)	Difference (Total Consumption - Solar Share)	Billed Units (KVAH)
June-2019	63362	1909	61453	61453
July-2019	77095	1304	75791	75791
Aug-2019	80724	2611	78113	78113
Sept-2019	94043	1381	92662	92662
Oct-2019	85009	1903	83106	83106
Nov-2019	76561	680	75881	75881
Dec-2019	59763	2375	57388	57388
Jan-2020	38804	9995	28809	28809
Feb-2020	47697	4553	43144	43144
Mar-2020	40727	17430	23297	23297
Apri-2020	11694	32838	-21144	7000*
May-2020	11478	25418	-13940	7000*
June-2020	12947	14388	-1441	7000*
July-2020	13484	15996	-2512	7000*
Aug-2020	11605	18668	-7063	7000*
Sept-2020	24105	12171	11935	11935
Oct-2020	33170	9437	23733	23733
Nov-2020	32296	5749	26547	26547
Dec-2020	26225	14072	12153	12153
Jan-2021	33314	10048	23266	23266
Feb-2021	41496	3543	37953	37953
Mar-2021	59887	2822	57065	57065
Apri-2021	40331	7230	33102	33102
May-2021	11201	23677	-12476	7000*
June-2021	11787	16609	-4822	7000*
July-2021	38986	2951	36035	36035
Aug-2021	58861	2357	56504	56504
Sept-2021	56905	2039	54866	54866
Oct-2021	48126	7276	40850	40850
Nov-2021	50634	2512	48122	48122
Dec-2021	44756	5792	38964	38964


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Month	Total Consumption (KVAH)	Solar Share (KVAH)	Difference (Total Consumption - Solar Share)	Billed Units (KVAH)
Jan-2022	36690	11564	25126	25126
Feb-2022	37030	14084	22946	22946
Mar-2022	55364	6338	49026	49026
Apr-2022	62668	4972	57696	57696
May-2022	46148	18362	27786	27786
June-2022	60782	8406	52376	52376
July-2022	61090	2412	58678	58678
Aug-2022	53356	6382	46974	46974
Sept-2022	58926	4852	54074	54074
Oct-2022	39122	11706	27416	27416
Nov-2022	51694	5146	46548	46548
Dec-2022	51924	3756	48168	48168
Jan-2023	42408	12000	30408	30408
Feb-2023	51542	2812	48730	48730
Mar-2023	62842	3968	58874	58874
Apr-2023	76928	4166	72762	72762
May-2023	50798	5968	44830	44830
June-2023	83876	88	83788	83788

* If the net consumption is below 7000 units, then 7000 units will be billed for that month


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SOLAR POWER GENERATION & UTILIZATION REPORT

Month	Solar generation (KWH)	Self utilization (KWH)	Grid share (KWH)
June-2018	16470	15572	898
July-2018	14090	13840	250
August-2018	10430	10414	16
September-2018	6860	6820	40
October-2018	7290	6141	1149
November-2018	9990	9980	10
December-2018	11250	10952	298
January-2019	9440	9237	203
February-2019	12010	12010	0
March-2019	18970	18868	102
April-2019	17560	17554	6
May-2019	22564	20883	1681
June-2019	18949	17040	1909
July-2019	18637	17333	1304
August-2019	31677	29066	2611
September-2019	23601	22220	1381
October-2019	18224	16321	1903
November-2019	21222	20542	680
December-2019	25595	23220	2375
January-2020	33796	23801	9995
February-2020	35767	31214	4553
March-2020	41843	24413	17430
April-2020	38665	5827	32838
May-2020	34834	9416	25418
June-2020	25240	10852	14388
July-2020	24929	8933	15996
August-2020	28465	9797	18668
September-2020	31084	18913	12171
October-2020	26681	17244	9437

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November-2020	26257	20508	5749
December-2020	34345	20273	14072
January-2021	31237	21189	10048
February-2021	32038	28495	3543
March-2021	34673	31851	2822
April-2021	35642	28412	7230
May-2021	32850	9173	23677
June-2021	27494	10885	16609
July-2021	25615	22664	2951
August-2021	29542	27185	2357
September-2021	28547	26508	2039
October-2021	31679	24403	7276
November-2021	23173	20661	2512
December-2021	30358	24566	5792
January-2022	31,518	19954	11564
February-2022	37,026	22942	14084
March-2022	48,066	41728	6338
April-2022	46,899	41927	4972
May-2022	53,850	35488	18362
June-2022	41,147	32741	8406
July-2022	28,194	25782	2412
August-2022	42,863	36481	6382
September-2022	29,529	24677	4852
October-2022	30,658	18952	11706
November-2022	31,643	26497	5146
December-2022	29,573	25817	3756
January-2023	36,391	24391	12000
February-2023	32,196	29384	2812
March-2023	34,204	30236	3968
April-2023	42,772	38606	4166
May-2023	40,467	34499	5968
June-2023	15,885	15797	88


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Sample Electricity Bill

June – 2018

Customer Support		GST NO : 37AAACE9876B1ZH						
	ఆంధ్ర ప్రదేశ్ తూర్పు ప్రాంత విద్యుత్ పంపిణీ సంస్థ Eastern Power Distribution Company Of AP Limited <small>(A Govt. Of A.P. Enterprise & An ISO 9001:2015 & ISO 27001:2013 Certified Company) CIN:U40109AP2000SGC034117</small>	05 JULY 2018						
JUN 2018 CONSUMPTION DETAILS								
Particulars	Date	KWH	KVAH	KVA	TOD	Colony	PF	LF
Reading as on	01/07/2018	815933	831772	154.080	-	-	-	-
Reading as on	01/06/2018	787331	802832		-	-	-	-
Difference	-	28602	28940		-	-	-	-
Multiplying Factor	-	2.0	2.0	2.0	-	-	-	-
Total Consumption		57204	57880	308.160	-	-	0.99	0.22
Monthly Min Consumption			7704	280.000				
Main Consumption			57880					
L & F								
Segregated								
Colony						0		
ToD Peak					9932			
ToD Off Peak					0.00			
OPEN ACCESS CONSUMPTION DETAILS								
Supplier Name	KWH Share	KVA Share	% Wheeling					
Solar Units	898	0	0					
BILLING SUMMARY								
Particulars	Bill Issue Date	KVAH	KVA	ToD Peak	ToD Off Peak	Colony		
Billed Units	05-07-2018	56982	308.16	9932	0.00	0		