

## LEGEND

Ed: Average daily electricity production from the given system (kWh)  
Em: Average monthly electricity production from the given system (kWh)  
Hd: Average daily sum of global irradiation per square meter received by the modules of the given system (kWh/m<sup>2</sup>)  
Hm: Average sum of global irradiation per square meter received by the modules of the given system (kWh/m<sup>2</sup>)  
Ater: Average monthly electricity production system MODEF - ATER Rovigo Viale della Pace MODEF  
%: Differential of production MODEFsystem/given system  
TP Year: Total production in one year (kWh)  
Solar irradiation data from site ARPAV - Regione del Veneto

Latitude: 45°4'11" North,  
Longitude: 11°47'24" East  
Nominal power of the PV system: 2.25kWp  
Inclination of modules: 36deg.  
Orientation (azimuth) of modules: 0deg.  
Fixed angle

Mese	Irradiazione media giorno x mq	Irradiazione tot. x mq	Energia media giorno	Energia mensile	Ater: energia mensile	Differenza %
1	1.95	60.5	3.35	104	111,34	7,06%
2	3.68	103	6.22	174	180,03	3,47%
3	5.06	157	8.20	254	271,94	7,06%
4	5.56	167	8.81	264	284,37	7,72%
5	6.26	194	9.63	299	316,06	5,71%
6	6.45	194	9.68	290	307,26	5,95%
7	6.93	215	10.30	320	352,01	10,00%
8	6.44	200	9.62	298		
9	5.49	165	8.43	253		
10	3.86	120	6.18	192		
11	2.37	71.0	3.92	118		
12	1.99	61.6	3.40	105		
<b>Tot. energia prodotta anno</b>				<b>2671</b>		<b>6,71%</b> Differenza % media (>5%)

note: January valor calculated by linear interpolation from the start of production

## Rilevazione giornaliera su impianto Ater

Giorno	January	February	March	April	May	June	July
1		5,12	6,78	11,63	3,24	10,52	11,81
2		9,09	3,25	10,33	9,28	11,17	11,49
3		2,72	6,44	12,09	5,68	11,06	10,10
4		2,45	5,54	1,74	7,85	11,73	11,06
5		0,21	11,97	11,67	10,33	10,73	10,99
6		0,39	13,12	11,33	8,61	11,23	10,81
7		4,61	12,82	12,71	13,26	11,93	10,83
8		2,96	13,23	12,47	13,38	11,54	10,72
9	0,48	11,76	8,01	12,32	12,96	10,45	10,95
10	1,77	11,03	12,01	11,55	14,11	10,74	11,79
11	2,60	10,77	11,00	10,94	13,87	11,40	11,55
12	7,38	5,25	12,51	10,64	12,71	8,63	11,29
13	6,80	5,14	12,06	11,75	10,59	10,23	8,480
14	1,64	4,80	10,53	9,41	12,09	3,80	10,900
15	2,44	2,26	9,34	11,78	2,16	10,19	10,89
16	3,43	7,56	0,61	9,03	8,83	9,34	11,17
17	1,16	11,74	5,35	4,18	13,71	8,64	10,62
18	7,26	12,31	11,78	5,35	13,87	9,79	11,06
19	2,54	11,57	11,37	12,79	12,33	9,32	11,23
20	0,76	9,97	11,05	12,32	4,34	7,91	7,94
21	0,40	4,74	6,52	12,15	7,75	11,24	11,42
22	0,79	1,65	1,44	11,72	3,26	8,14	10,98
23	1,94	8,43	9,27	9,03	3,32	8,16	12,56
24	6,71	2,05	9,8	9,68	14,49	12,52	12,75
25	5,93	4,51	0,76	6,52	12,32	11,36	12,89
26	7,67	4,69	1,88	6,93	6,53	11,91	12,00
27	2,19	10,34	6,88	1,28	12,34	11,97	12,98
28	8,70	11,91	13,7	3,88	13,004	11,57	12,03
29	0,63		10,12	9,93	13,85	9,53	12,78
30	0,67		11,95	7,22	12,30	10,51	12,98
31	8,72		10,85		13,70		12,96
<b>Tot.</b>	<b>82,61</b>	<b>180,03</b>	<b>271,94</b>	<b>284,37</b>	<b>316,064</b>	<b>307,26</b>	<b>352,01</b>

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