



(http://www.2-g.com)

Rapporto mensile di Plant Manager



powered by I.R.I.S.

I.R.I.S. (the artificial intelligence of 2G) evaluates up to 100 million sensor data per week in real time. Algorithms developed by 2G check the plant counters, calculate statistics, and detect atypical values.

G5827 - avus 500plus

CHP avus 500plus biogas

Energia elettrica generata: 800600 kWh

Ore di servizio: 2031 h

Start

Tip: A customer can only select a start period back to 07/2021, because the data quality has been improved significantly since then.

End

Ø



CSV

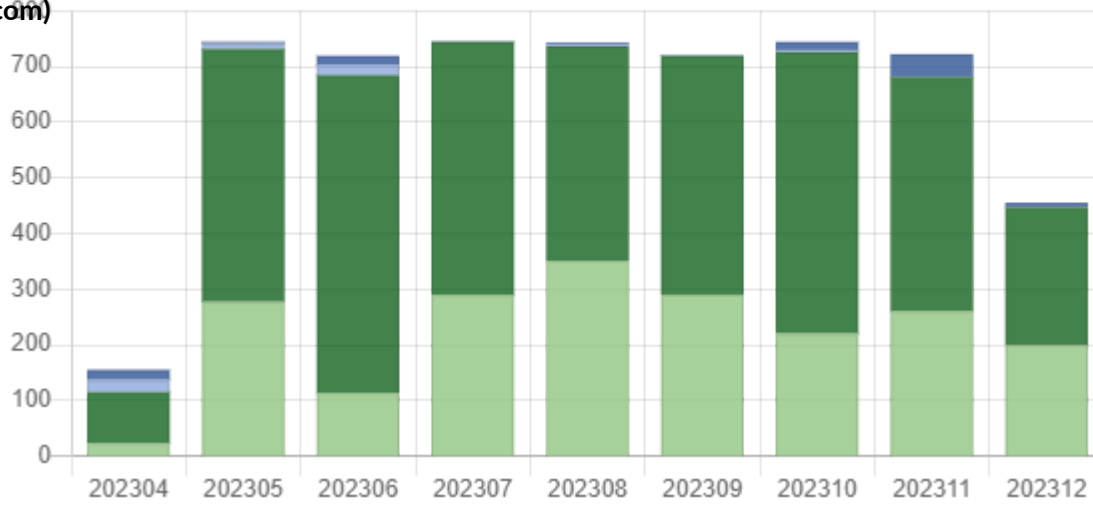
()



Contaore

■ B1 operativo
 ■ B2 prontezza
 ■ S1 disturbo
 ■ S2 disturbo

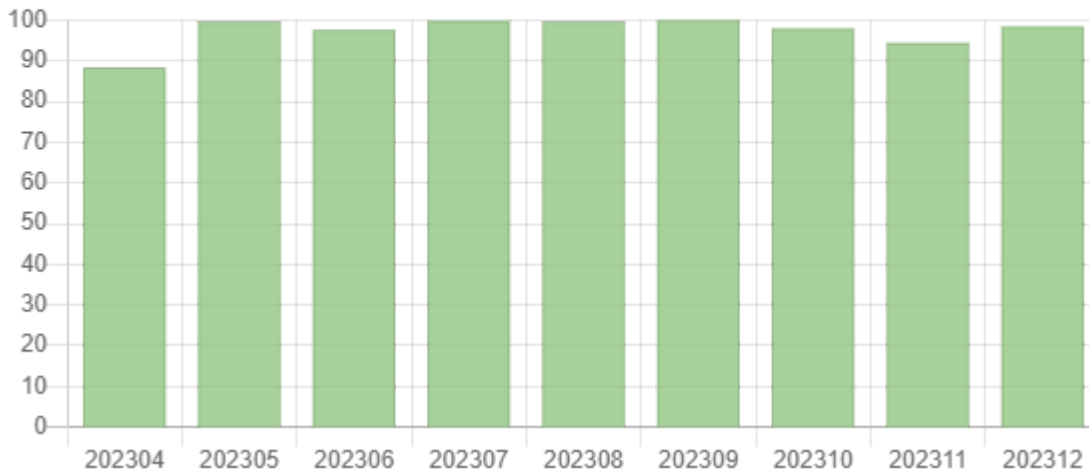
(<http://www.2-g.com>)



Disponibilità secondo VDI 4680

$$= (B1+B2+S1) / (B1+B2+S1+S2) * 100\%$$

■ Disponibilità secondo VDI 4680





Produzione di energia (kWh)

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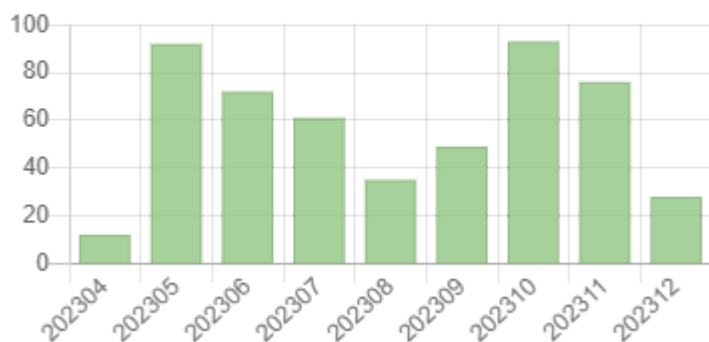
Consumo di gas (m³)

Consumo di gas (m³)



Numero di processi di avvio

Numero di processi di avvio

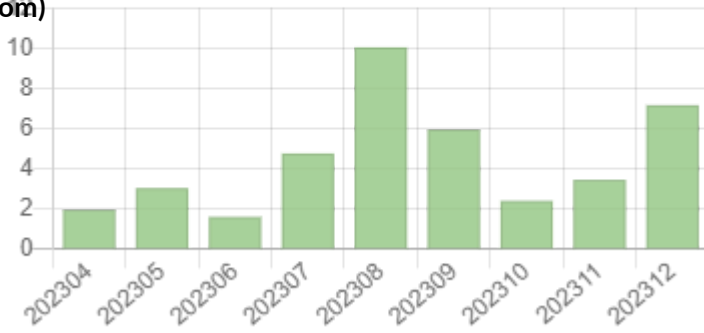




Ø ore di funzionamento/inizia

Ø ore di funzionamento/inizia

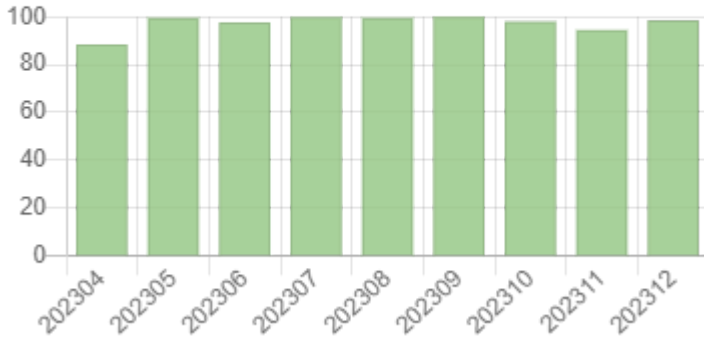
(<http://www.2-g.com>)



Interno

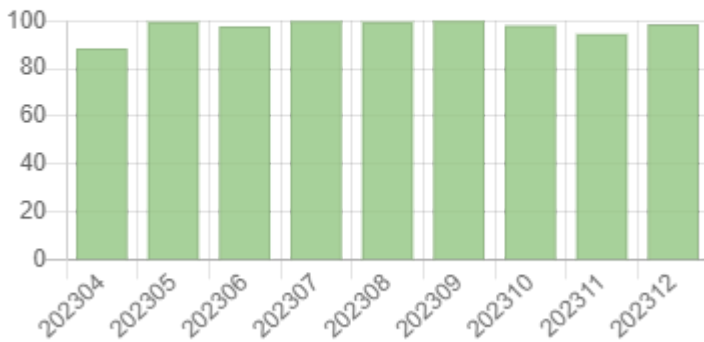
Availability without spark plug downtime

Availability without spark plug downtime



Availability without oil package downtime

Availability without oil package downtime

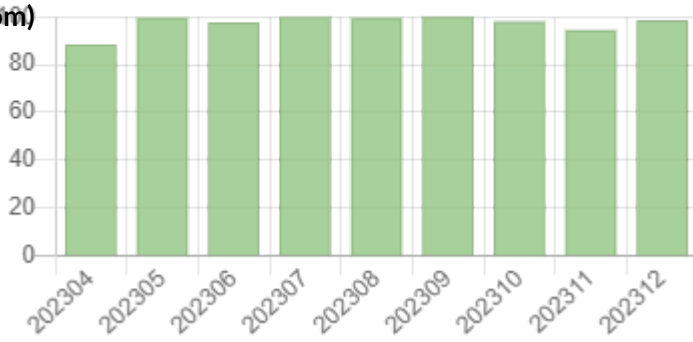




Availability without oil and spark plug

Availability without oil and spark plug

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Villa Giardino G5827_202304-202312

chpld	month	interval Operating Time Hours	interval Standby Time Hours	interval Downtime S1 Hours	interval Downtime S2 Hours	total Operating Time Hours	total Standby Time Hours	total Downtime S1 Hours	total Downtime S2 Hours	total Power Produced KWH	interval Power Produced KWH	total Power Produced KWH	interval Start Count	start Stop Ratio	availability Percent Ignore Oil	availability Percent Ignore Sparkplug	availability Percent Ignore Sparkplug
G5827	202304	23	92	22	18	29	93	970	99	7064	8949	12	1.92	88.39	88.39	88.39	
G5827	202305	277	454	10	3	306	547	980	102	83909	92858	92	3.01	99.6	99.6	99.6	
G5827	202306	113	571	18	17	419	1118	998	119	47138	139996	72	1.57	97.64	97.64	97.64	
G5827	202307	289	455	0	1	708	1573	998	120	112935	252931	61	4.74	99.87	99.87	99.87	
G5827	202308	351	385	4	3	1059	1958	1002	123	147869	400800	35	10.03	99.6	99.6	99.6	
G5827	202309	290	429	2	0	1349	2387	1004	123	120169	520969	49	5.92	100	100	100	
G5827	202310	220	506	3	15	1569	2893	1007	138	89683	610652	93	2.37	97.98	97.98	97.98	
G5827	202311	260	421	1	40	1829	3314	1008	178	106690	717342	76	3.42	94.46	94.46	94.46	
G5827	202312	200	247	1	7	2029	3561	1009	185	82201	799543	28	7.14	98.46	98.46	98.46	