

THE "SAVINGS" WITH PROINSO PV-DIESEL SOLUTIONS

1200 kWh/kWp (3,65 kWh/m2*year)			1500 kWh/kWp (4,57 kWh/m2*year)			1800 kWh/kWp (5,48 kWh/m2*year)		
Genset size [kVA]	System size PV/AC [kWp/kW]	Saves (Liter/Year)	Genset size [kVA]	System size PV/AC [kWp/kW]	Saves (Liter/Year)	Genset size [kVA]	System size PV/AC [kWp/kW]	Saves (Liter/Year)
300	210/180	66,600	300	210/180	83,250	300	210/180	99,900
400	275/240	88,800	400	275/240	111,000	400	275/240	133,200
500	350/300	111,000	500	350/300	138,750	500	350/300	166,500
600	415/360	133,200	600	415/360	166,500	600	415/360	199,800
700	480/420	155,400	700	480/420	194,250	700	480/420	233,100
800	550/480	177,600	800	550/480	222,000	800	550/480	266,400
900	620/540	199,800	900	620/540	249,750	900	620/540	299,700
1000	690/600	222,000	1000	690/600	277,500	1000	690/600	333,000
1100	760/660	244,200	1100	760/660	305,250	1100	760/660	366,300
1200	830/720	266,400	1200	830/720	333,000	1200	830/720	399,600

- Diesel generators working 24 hours/day (at least the 100% daylight hours).
- PV over-dimensioned ratio 15% ; Estimated PR 80%.
- Kva/kW AC ratio depends on load profiles and work profile/cycles of diesel generators.

DISCLAIMER: The data are for guidance purpose only do not constitute a commitment to this energy being produced by PV Diesel solution, as it will depend on various factors such as the installation's efficiency and external factors such as, temperature, radiation, costs of diesel fuel, etc.