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.