



SOLAR SYSTEM CUSTOMER PROPOSAL



PREPARED FOR:

Holiday



PROJECT LOCATION:

Meemu, Maldiviy



Designed using EasySolar Profesional APP,



+15102507901



PROPOSED PV SYSTEM

YOUR CURRENT ELECTRICITY BILL

4800.00 usd/year

400.00 usd/mth

Price of 1kWh of electricity = 0.30 usd

- ▶ Predicted annual **increase** of energy price = **3.0%**
- ▶ Predicted price of 1kWh of energy in **20 years** = **0.53 usd**
- ▶ Your current **CO² emission** = **17488 kg/year**

RECOMMENDED SIZE OF PV SYSTEM

11.44 kWp

Occupied area

72 m²

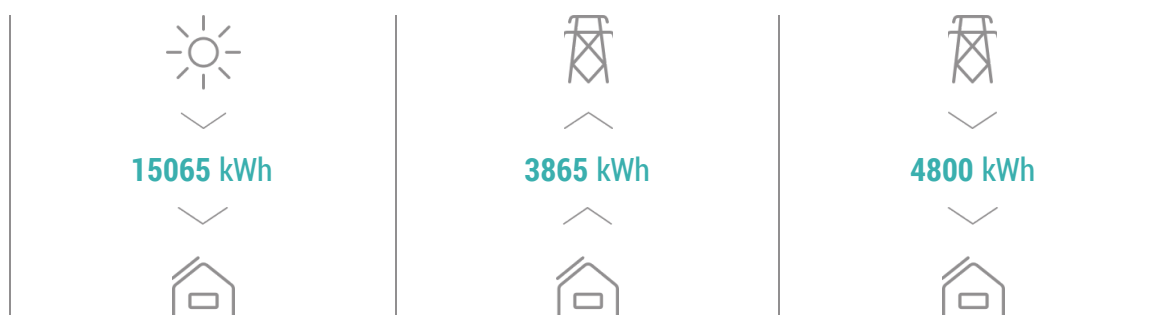
Estimated annual production **15065 kWh**



Annual consumption **16000 kWh**



ENERGY BALANCE





PV SYSTEM DESIGN

VISUALIZATION



NUMBER
OF MODULES

44 pcs



SYSTEM
POWER

11.40 kWp





CUSTOMER PROPOSAL

ESTIMATE

PANELS

Name	Amount	Unit
Jinko Solar Co., Ltd., JKM260PP-60 (Eagle I)	44	pcs

INVERTERS

Name	Amount	Unit
Fronius International GmbH, Fronius Agilo 100.0-3	1	szk.

OTHERS

Name	Amount	Unit
Mounting system	1.000	

Net sum

15000.00 usd



ACCUMULATED CASH FLOW

CASH FLOW

Year	Production [kWh]	Savings [USD]	Cash flow [USD]	Electricity bill without PV [USD]	Electricity bill with PV [USD]
1	15065.30	4287.67	-10712.33	4800.00	512.33
2	15020.10	4405.13	-6307.20	4944.00	538.87
3	14975.00	4525.81	-1781.39	5092.32	566.51
4	14930.10	4649.80	2868.42	5245.09	595.29
5	14885.30	4777.20	7645.61	5402.44	625.24
6	14840.70	4908.09	12553.70	5564.52	656.43
7	14796.20	5042.57	17596.28	5731.45	688.88
8	14751.80	5180.75	22777.03	5903.39	722.65
9	14707.50	5322.72	28099.74	6080.50	757.78
10	14663.40	5468.58	33568.32	6262.91	794.33
11	14619.40	5618.45	39186.77	6450.80	832.35
12	14575.50	5772.43	44959.21	6644.32	871.89
13	14531.80	5930.64	50889.85	6843.65	913.01
14	14488.20	6093.20	56983.05	7048.96	955.76
15	14444.70	6260.22	63243.26	7260.43	1000.22
16	14401.40	6431.82	69675.08	7478.24	1046.43
17	14358.20	6608.13	76283.22	7702.59	1094.46
18	14315.10	6789.29	83072.51	7933.67	1144.38
19	14272.20	6975.42	90047.93	8171.68	1196.26
20	14229.40	7166.67	97214.60	8416.83	1250.16



ACCUMULATED CASH FLOW

VISUALIZATION

