

**YOUR
LOGO
HERE**

SOLAR SYSTEM CUSTOMER PROPOSAL



PREPARED FOR:

Customer name



PROJECT LOCATION:

Berkeley, CA, USA

CONTACT



Company Name



inż. Marcin



8765432345



PROPOSED PV SYSTEM

YOUR CURRENT ELECTRICITY BILL

PLN **1,200.00**/year

PLN **100.00**/mth

Price of 1kWh of electricity = PLN 0.13

- ▶ Predicted annual **increase** of energy price = **3.0%**
- ▶ Predicted price of 1 kWh of energy in **20 years** = **PLN 0.23**
- ▶ Your current **CO²** emission = **6,997 kg/year**

RECOMMENDED SIZE OF PV SYSTEM

3.64 kWp

Occupied area

23 m²

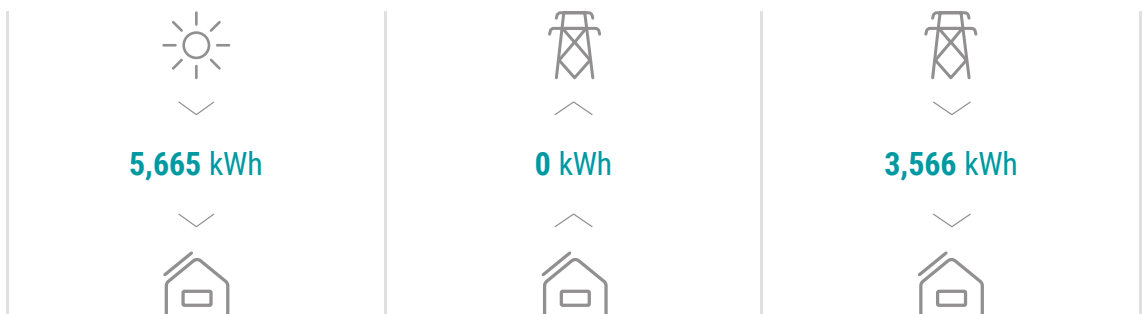
Estimated annual production **5,665 kWh**



Annual consumption **9,231 kWh**



ENERGY BALANCE



YOUR
LOGO
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PV SYSTEM DESIGN

NEW DESIGN



NUMBER OF
MODULES

14 pcs



SYSTEM
POWER

3.64 kWp



CUSTOMER PROPOSAL

PANELS

Name	Amount	Unit	Net unit price [PLN]	Tax [%]	Net price [PLN]	Total price [PLN]
Jinko Solar Co., Ltd., JKM260PP-60 (Eagle I)	14	pcs	150.00	11	2,100.00	2,331.00

INVERTERS

Name	Amount	Unit	Net unit price [PLN]	Tax [%]	Net price [PLN]	Total price [PLN]
Fronius International GmbH, Fronius Symo 4.5-3-S	1	pcs	1,520.00	11	1,520.00	1,687.20

OTHERS

Name	Amount	Unit	Net unit price [PLN]	Tax [%]	Net price [PLN]	Total price [PLN]
Others	1	pcs.	1,000.00	11	1,000.00	1,110.00

Net sum PLN 4,620.00

Tax sum PLN 508.20

Gross sum PLN 5,128.20

Total price **PLN 5,128.20**

ENERGY PRODUCTION AND ENVIRONMENTAL IMPACT

ENERGY PRODUCTION

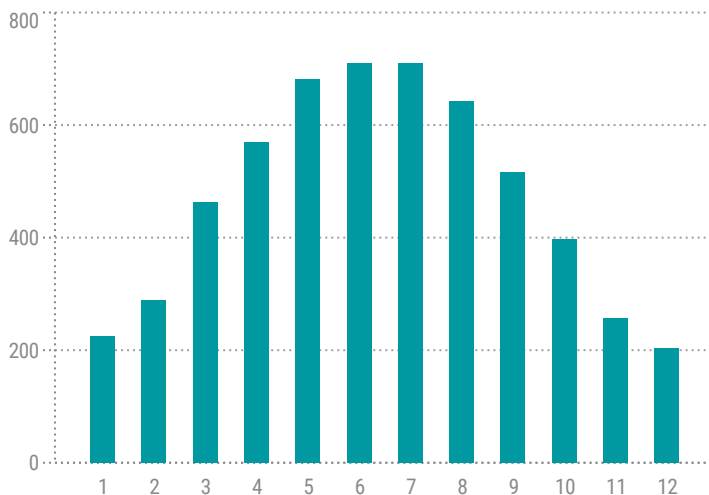
Average annual irradiation for geographic coordinates

37°52'18" N
122°16'22" E

1,855 kWh/m²

* Source: NASA

Chart of energy production during the year



ENVIRONMENTAL IMPACT

WHAT DO YOU GET?	1 year	5 years	10 years	20 years
Energy production [kWh]	5,665	28,324	56,648	113,296
The energy you produce will be enough for you to drive an electric car [km]	31,471	157,356	314,711	629,422
Thanks to this you will save fuel [l]	2,518	12,588	25,177	50,354

REDUCE YOUR NEGATIVE IMPACT ON THE ENVIRONMENT	1 year	5 years	10 years	20 years
CO ² [kg]	4,294	21,470	42,939	85,878
NO _x , SO _x [kg]	7	33	67	134
Which equals the number of trees planted	613	3,067	6,134	12,268

INVESTMENT COSTS OVER 20 YEARS

YOUR NEW ELECTRICITY BILL

PLN 3,589.74

ACTUAL
INITIAL COSTS

PLN 958.88

AVERAGE
ANNUAL SAVINGS

PLN 19,177.61

THE SUM OF YOUR SAVINGS
AFTER 20 YEARS

The sum of received subsidies **over 20 years**

PLN 1,538.46

The sum of savings and received subsidies **after 20 years**

PLN 20,716.07

COMPARE ENERGY COSTS OVER THE NEXT 20 YEARS

With a photovoltaic system

PLN 13,066.83

Without a photovoltaic system

PLN 32,244.45

Savings including photovoltaic
system costs

PLN 15,587.87

Total cost of the PV system

PLN 5,128.20

Loan / Leasing (6 years)

PLN 23.12/mth

ACCUMULATED CASH FLOW

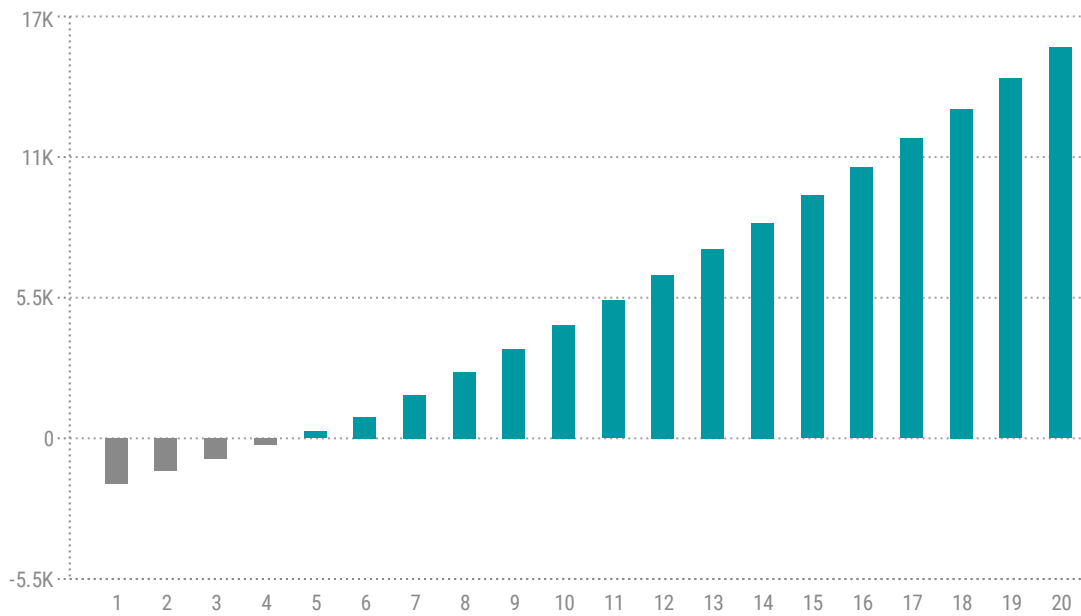
CASH FLOW

Year	Production [kWh]	Savings [PLN]	Received subsidies [PLN]	Installments [PLN]	Cash flow [PLN]	Electricity bill without PV [PLN]	Electricity bill with PV [PLN]
1	5,664.80	736.42	1,538.46	277.41	-1,766.62	1,200.00	463.58
2	5,647.80	756.24	0.00	277.41	-1,287.79	1,236.00	479.76
3	5,630.90	776.59	0.00	277.41	-788.60	1,273.08	496.49
4	5,614.00	797.49	0.00	277.41	-268.52	1,311.27	513.78
5	5,597.10	818.95	0.00	277.41	273.02	1,350.61	531.66
6	5,580.30	840.99	0.00	277.41	836.60	1,391.13	550.14
7	5,563.60	863.62	0.00	0.00	1,700.22	1,432.86	569.24
8	5,546.90	886.86	0.00	0.00	2,587.08	1,475.85	588.99
9	5,530.30	910.72	0.00	0.00	3,497.81	1,520.12	609.40
10	5,513.70	935.23	0.00	0.00	4,433.04	1,565.73	630.50
11	5,497.10	960.40	0.00	0.00	5,393.44	1,612.70	652.30
12	5,480.60	986.24	0.00	0.00	6,379.68	1,661.08	674.84
13	5,464.20	1,012.78	0.00	0.00	7,392.46	1,710.91	698.13
14	5,447.80	1,040.04	0.00	0.00	8,432.50	1,762.24	722.20
15	5,431.50	1,068.02	0.00	0.00	9,500.53	1,815.11	747.08
16	5,415.20	1,096.77	0.00	0.00	10,597.29	1,869.56	772.80
17	5,398.90	1,126.28	0.00	0.00	11,723.57	1,925.65	799.37
18	5,382.70	1,156.59	0.00	0.00	12,880.16	1,983.42	826.83
19	5,366.60	1,187.71	0.00	0.00	14,067.87	2,042.92	855.21
20	5,350.50	1,219.67	0.00	0.00	15,287.54	2,104.21	884.53




ACCUMULATED CASH FLOW

VISUALIZATION



CONTACT

 Company Name

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