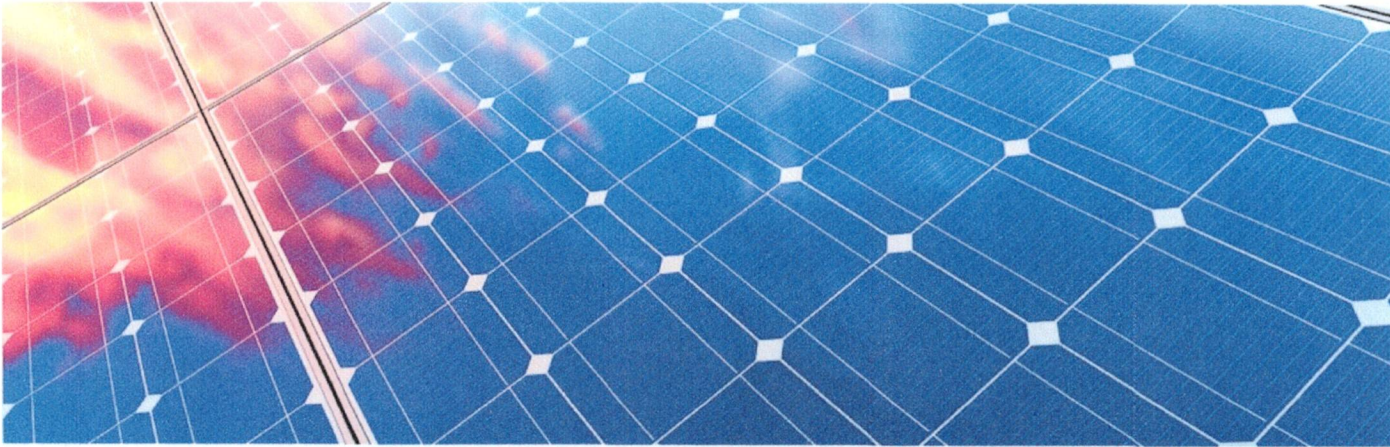




Prepared by:
ronankinsellaelectrical@gmail.com
+(353)894242163
ronankinsellaelectrical@gmail.com

For: Michael Tobin
None, None

Quote #: 8312329
Valid until: 20th November 2025



Solar Energy System Proposal

Dear Michael Tobin,

Thank you for the opportunity to present your Solar Energy System Proposal.

Best Regards,
ronankinsellaelectrical@gmail.com
Ronan Kinsella Electrical



Prepared by: Ronan Kinsella Electrical
ronankinsellaelectrical@gmail.com
+ (353) 894 242 163
Valid until 30th November 2025
Quote #: 8312329
For Michael Tobin



Solar Energy System Proposal

Dear Michael Tobin,
Thank you for the opportunity to present your Solar Energy System Proposal.
Best Regards,
Ronan Kinsella Electrical
ronankinsellaelectrical@gmail.com



Scan QR code or go to [link](#) to view the online proposal.
Ronan Kinsella Electrical
Phone: +353 894 242 163
Email: ronankinsellaelectrical@gmail.com
Web: www.ronankinsellaelectrical.com



Recommended System Option

4.6 kW
System Size

€3,051
Estimated Annual
Electricity Bill Savings

€14,840
Total System Price

€14,840
Net System Price



Your Solution

Solar Panels
Aiko Energy
4.6 kW Total Module Power
10 x 460 Watt Panels (AIKO-A460-MAH54Mb (30mm))
4,269 kWh per year

Inverter
Livoltek
5 kW Total Inverter Rating
1 x GT1-5KD1

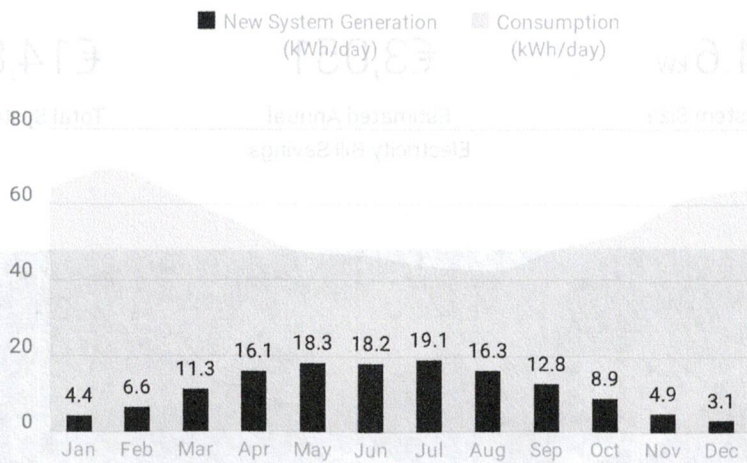
Battery
Livoltek
15.36 kWh Total Battery Storage
3 x AES-5KWH-G1

Warranties: 15 Year Panel Product Warranty, 30 Year Panel Performance Warranty



System Performance

21%
Energy From Solar

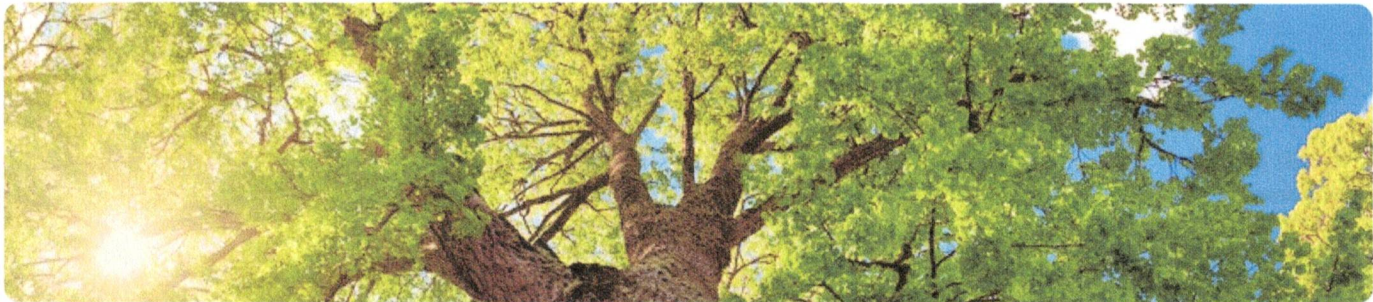


System Performance Assumptions: System Total losses: 13.6%, Inverter losses: 2.5%, Optimizer losses: 0%, Shading losses: 0%, Performance Adjustment: 0%, Output Calculator: System Advisor Model 2020.02.29.r2. Panel Orientations: 10 panels with Azimuth 180 and Slope 20.

The solar system(s) quoted in this proposal are not intended to be portable.

Environmental Benefits

Solar has no emissions. It just silently generates pure, clean energy.



Each Year

21%
Consumption Offset
of CO₂ reduced per year

1 tons

44,627km

Car distance avoided
(lifetime)

Over System Lifetime

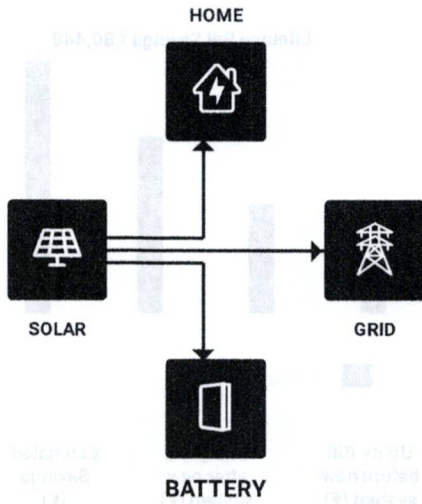
287
Trees planted

32
Long haul flights
avoided

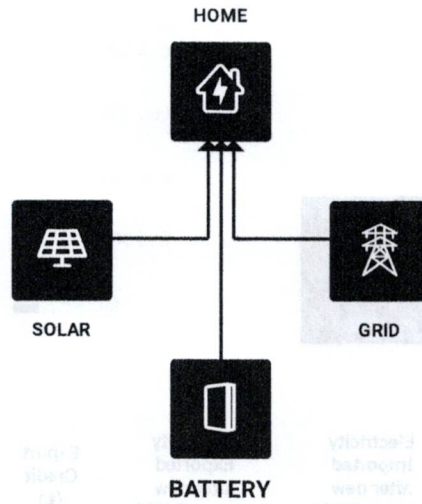


How your system works

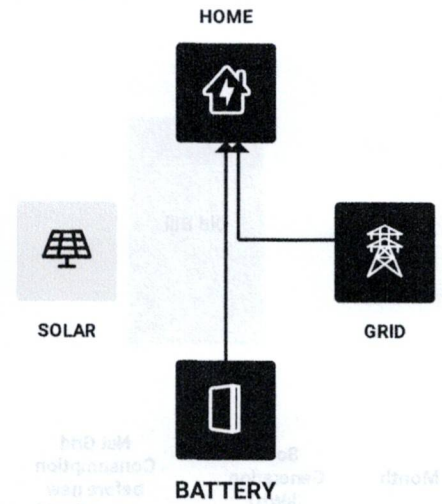
Generating Excess Solar



Partially Offset Usage



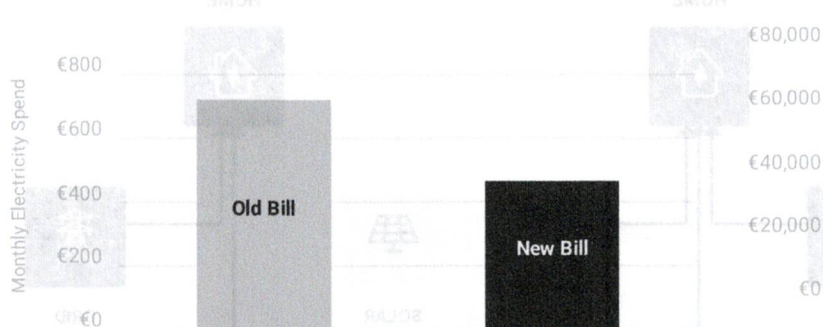
Night



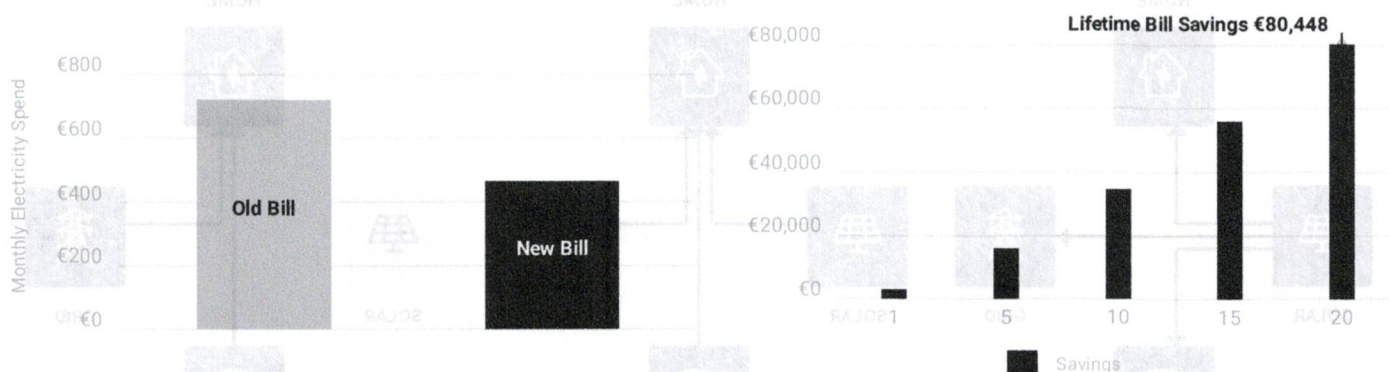


Electricity Bill Savings

First Year Monthly Bill Savings



Cumulative Bill Savings



Month	Solar Generation (kWh)	Net Grid Consumption before new system (kWh)	Electricity Imported after new system (kWh)	Electricity Exported after new system (kWh)	Export Credit (€)	Utility Bill before new system (€)	Utility Bill after new system (€)	Estimated Savings (€)
Jan	136	1,998	1,862	0	0	859	670	189
Feb	185	1,950	1,765	0	0	839	625	214
Mar	351	1,938	1,587	0	0	834	559	275
Apr	483	1,649	1,169	0	0	714	402	311
May	568	1,468	907	0	0	638	324	315
Jun	545	1,395	855	0	0	608	303	304
Jul	593	1,351	767	0	0	589	280	309
Aug	505	1,323	824	0	0	578	299	278
Sep	383	1,456	1,074	0	0	633	376	257
Oct	276	1,624	1,348	0	0	703	484	219
Nov	148	1,853	1,705	0	0	798	614	184
Dec	97	1,996	1,899	0	0	858	663	195

Utility savings based on switch from 24 Hour to Nightsaver

Your projected energy cost is calculated by considering a 3.0% increase in energy cost each year, due to trends in the raising cost of energy. This estimate is based on your selected preferences, current energy costs and the position and orientation of your roof to calculate the efficiency of the system. Projections are based on estimated usage of 20000 kWh per year, assuming 24 Hour Electricity Tariff.

Your electricity tariff rates may change as a result of installing the system. You should contact your electricity retailer for further information.

Proposed Tariff Details - Bord Gais Electric Nightsaver (Urban)

Energy Charges

Summer Peak Usage Charge

9am-12am Mon-Fri from 1 Jun to 31 Aug

€0.45 / kWh

Summer Off-Peak Usage Charge

12am-9am Mon-Fri and,

€0.22 / kWh

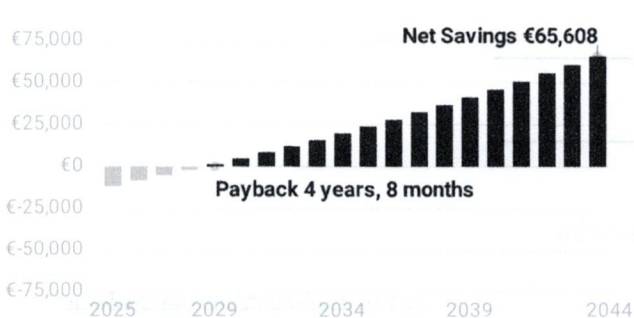


All Day Sat-Sun from 1 Jun to 31 Aug	
Winter Peak Usage Charge 8am-11pm Mon-Fri from 1 Sep to 31 May	€0.45 / kWh
Winter Off-Peak Usage Charge 11pm-8am Mon-Fri and, All Day Sat-Sun from 1 Sep to 31 May	€0.22 / kWh
Feed-in Tariff	
Feed-In Credit All Day Mon-Sun	€0.18 / kWh
Fixed Charges	
Fixed Charge	€26.82 / month

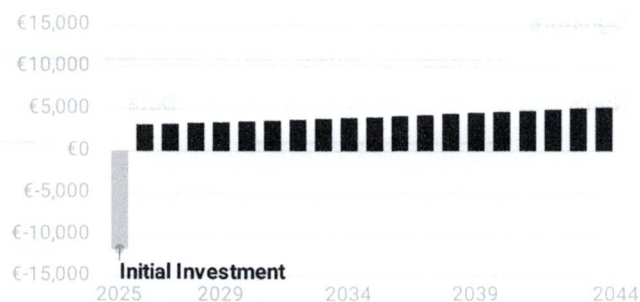
Net Financial Impact Cash

$$\begin{array}{rcl} \text{€80,448} & - & \text{€14,840} = \text{€65,608} \\ \text{Utility Bill Savings} & & \text{Net System Cost} \quad \text{Estimated Net Savings} \end{array}$$

Cumulative Savings From Going Solar



Annual Savings From Going Solar



Estimates do not include replacement costs of equipment not covered by a warranty. Components may need replacement after their warranty period. Financial discount rate assumed: 6.75%



Quotation

Payment Option: Cash

10 x Aiko Energy 460 Watt Panels (AIKO-A460-MAH54Mb (30mm)) 1 x GT1-5KD1 (Livoltek) 3 x AES-5KWH-G1 (Livoltek)	
Total System Price	€14,840.00
Purchase Price	€14,840.00

Price excludes Retailer Smart Meter should you want us to install your Smart Meter it will be an additional cost.
This proposal is valid until 20th November 2025.

Quote Acceptance

I have read & accept the terms and conditions.

Signature

Name

Date



This proposal has been prepared by Ronan Kinsella Electrical using tools from OpenSolar. Please visit www.opensolar.com/proposal-disclaimer for additional disclosures from OpenSolar.