



5 Reasons Why I Should Go With Solar Power

- Good for the environment
- Free hot water
- Feed in tariff. Get paid for electricity generated on your roof.
- Significantly reduce the cost of your ESB bill.
- SEAI grant available for the right candidates

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Why go Solar?



- A PV system reduces the amount of electricity you need to buy from the national grid.
- This affordable & reliable technology futureproofs you against rising energy costs.
- By generating your own electricity with a PV Solar system, you can expect to save up to **50%** on your electricity bills



<https://www.youtube.com/watch?app=desktop&v=THif5dHEbRw>



What To Expect From Your System



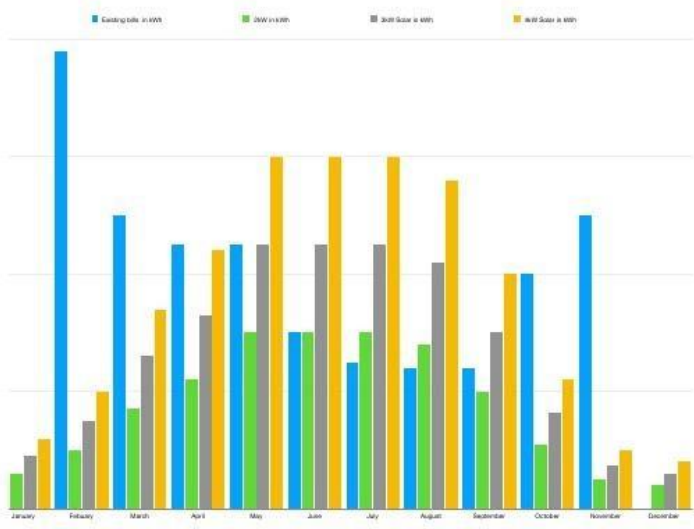
The graphs shows a case study from a customer who's average **ESB** bill was **€100 per month** on average each year.

Table 1

	Existing bills in kWh	ESB in kWh	200W Solar in kWh	500W Solar in kWh
January	250	80	90	130
February	760	190	180	230
March	830	170	260	330
April	630	230	230	440
May	410	280	430	600
June	260	280	640	860
July	250	280	430	680
August	240	280	430	580
September	210	230	280	430
October	400	190	180	230
November	830	80	75	130
December	830 kWh	40	60	90



The purpose of this graph is to show you the potential to significantly reduce the need to purchase power off the ESB while also giving an indication on the size of the system you would require based on your current ESB bill.



For each kW on the roof the user can hope to generate **200€** per kW installed each year.

SEAI Grant

The SEAI offer a grant for homeowners to install Solar PV. The maximum grant is **€3000** for **4kW** system plus battery

System size Grant available

1kW system 900

2kW system 1800

3kW 2100

4kW system 2400

Battery 600€

Step by step installation process

We can help you with all aspects of the grant application.

Find & appoint Fitzgerald Electrical services on the SEAI website

<https://www.seai.ie/grants/home-energy-grants/solar-electricity-grant/>



Make an application to SEAI for the grant offer

It is critical that homeowners do not start works until they receive the grant offer. (Grant offers are valid for eight months.)



Apply to ESB Networks to connect the Solar PV system to the electricity network

Your Installer must apply to ESB Networks before installing a Solar PV system. This application process takes at least 4 weeks (20 working days).



Install your solar PV panels

Get your solar PV system installed & either pay the installer or arrange a payment agreement.



Get a post-works BER

A post works BER is required and the cost is included in the grant amount.



Solar PV company submit evidence of works to SEAI

Your solar PV company will give you the documentation related to your installation and they will submit copies to SEAI electronically.



SEAI process the claim

Due to the popularity of this scheme please allow up to 6 weeks for payment, with additional time if an inspection is required.

Our accreditation's

We are a fully insured electrical company.

We are registered electrical installers & also

registered with SEAI for Solar PV installations





Proposal

Hi Diarmuid,

Below is our most regularly installed systems to give you a better idea of what you can expect from your Solar PV installation with us here at Fitzgerald electrical.

Option A: 4.6kW Solar PV Panels	Option B: 4.4kw Solar PV Panels
<ul style="list-style-type: none">• 14 x Q-Cell high performance 330watt Solar PV panels	<ul style="list-style-type: none">• 12 x Trina 370watt Solar PV panels
<ul style="list-style-type: none">• Goodwe EM series 5.5kW inverter with Wifi portal	<ul style="list-style-type: none">• Huawei 5kW inverter
<ul style="list-style-type: none">• Dyness power depot battery 4.8kWhr	<ul style="list-style-type: none">• Luna 5kW Battery
<ul style="list-style-type: none">• Solar iBoost hot water diverter	<ul style="list-style-type: none">• Eddi Energy diverter
Total cost including VAT €9,900	Total cost including VAT €10,400

Both Quotes include Building Energy Rating (BER) & all other associated materials and labour to complete installation.

As mentioned, you can apply for a SEAI grant. We are always happy to help with your application if required.

**If you would like a customised quotation or have any questions,
Contact me on +353 (085) 8442526**

