

WHY ANY ORGANIZATION NEEDS SOLAR POWER SYSTEM?

1. A TRULY RENEWABLE ENERGY SOURCE

Solar energy is one of the world's few truly renewable energy sources. For as long as we're all still here, we can count on the sun to be shining – scientists estimate it's got at least 5 billion years left of energy in it. As well as being helpful in the macro sense, it's also useful to each of our individual customers here at Low Carbon Energy – it means that there are fewer site-specific demands to cater to. As long as your premises see sunlight at least a few hours of the day (and almost all of them do), solar panels are always going to be a viable source of energy. It also decreases the carbon Footprint.

2. SIGNIFICANTLY REDUCES ENERGY BILLS

Generating your own electricity right there on-site means that you're relying less on the National Grid and traditional utility suppliers to power your home or business. In a nutshell, the more energy you produce, the more money you'll save. Now, exactly how much will obviously be dependent on the size of the system, and what your normal usage levels are. But theoretically, it's not too difficult to save hundreds or even thousands of pounds over the course of a year.

3. CHEAP AND EASY TO INSTALL (AND GETTING CHEAPER ALL THE TIME)

The ease of installation (the panels have no moving parts, after all) means that we're able to maintain consistently fantastic prices for our customers. As the total life span of Solar Power Plant is more than 25Yrs+ The Return on Investment (RoI) / Payback period of installed Solar Power Plant is 5 to 8 Yrs approx. (depends upon capacity / size of plant) then after take the benefit of cost free electricity up to 25 Yrs.

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4. LOW MAINTENANCE COSTS

Another attractive aspect of solar panels is the low maintenance costs involved in keeping them. Again, since they have no moving parts, there is no wear and tear involved. So, once you've covered the initial cost, you can expect very little spending on maintenance and ongoing repair work, leaving you to enjoy the savings!

5. REDUCE YOUR IMPACT ON THE ENVIRONMENT

Green initiatives are higher on our global agenda than ever, and the ability of solar panels to produce energy without greenhouse gases or water pollution makes it a sure winner in the eyes of many. Solar panels are completely silent, so they're highly practical for even the densest of urban areas. If you're a business considering commercial solar panels, you can even use them as a keen demonstration of your Corporate Social Responsibility, which may make all the difference when attracting new customers.

6. IMPROVES YOUR ENERGY SECURITY AND INDEPENDENCE

Increase saving by reducing electricity bills: Electricity bills will drop as substantial energy consumption will be met by the solar power system. Also the surplus generation can be exported back to grid in the grid connected system.

Another benefit of being less reliant on the National Grid is that your business is less vulnerable to power-cuts and other outages. In these scenarios, the loss of productivity is one of the biggest threats, as it can severely limit your ability to complete work for your clients and customers, which can quickly end up costing your money (as well as incurring various other associated costs). However, generating and storing energy on-site means that you can potentially give yourself a supply to fall back on if the main power fails, which limits this loss of productivity, preserving your flow of revenue.

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7. THE ELECTRICITY YOU GENERATE IS (BY DEFINITION) MORE VALUABLE

Studies have shown that our energy requirements are generally highest between 11 am and 4 pm, and then peak briefly again in the evening. Happily, though, this 11 am - 4 pm timeframe is also when solar energy reaches its maximum production capacity – which means the electricity you generate is by definition more valuable, saving you even more on energy costs.

8. IT HELPS YOUR GREEN CREDENTIALS AND CSR

Renewable Energy Source – Apart from being zero pollution source of power it adds to corporate identity as green energy user. As well as being actively better for the environment on its own merits, solar panels can serve as a valuable and highly visible demonstration of your business' commitment to environmental causes. In today's modern age, especially with the growing climate crisis, customers are increasingly making greener choices in terms of which businesses they choose, and voting with their wallets. For that reason alone, solar panels are great for boosting your Corporate Social Responsibility, which can make all the difference to attracting increasingly selective customers and investors.

9. THEY ARE SILENT AND SPACE - SAVING

The ability of solar panels to simply be installed on the roof of an existing building can save you valuable space elsewhere, which can spare you from logistical headaches. Plus, if your business is based in a residential area, the silence of solar panels can help improve your reputation with the local community, rather than noisier technologies such as mobile generators. Modular Capacity can be added based on demand.

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10. SOLAR ENERGY HELPS THE WIDER ECONOMY

Of course, there are the benefits on a wider scale. Looking nationally and globally, money invested in solar power creates two to three times more jobs than money invested in coal or gas, providing significant benefits to the economy. It's also a reliable source – after all, the sun is pretty much impossible to privatize! While this is less of a direct benefit to your individual business, it's certainly an excellent feel-good factor, and as we've mentioned it can be brilliant for increasing the visible CSR of your business.

11. LIFE SPAN OF ROOF INCREASED BY 25-30%

After installation of Rooftop Solar power plant, Solar panels saves the roof from direct sun light / hot waves which extends the existing life of roof minimum by 25 - 30 % and also maintains the normal temperature inside the building.

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