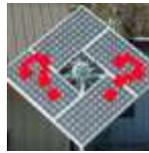




Launch Event
Review : The
pics and
happenings



Maintaining
your Solar
Panels : Is it
hard to do?



Weirdest
questions
posed on
Solar

SUN DAY NEWS

ASIA PACIFIC'S BIGGEST SOLAR MARKETPLACE

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SolarPVExchange launch event, 19 June

Yes we said we would and we did indeed go all out to create a launch event to remember. As the guest list ballooned to 70+ pax, we moved the event to **IKKI Japanese Restaurant & Bar @ Metropolis**.

More pictures and details in this newsletter.



SOLARPV EXCHANGE LAUNCH

Thanks for the warm memories!

"This platform is great for a first time solar user like me to find reputable installers and have access to alternate funding like leading and crowd leasing"
Jianhui Mak, Initiator

"it's the tool I needed to dare to launch me into a solar project"
Adeline Lafleche

"Easy to use and relevant"
Ines Boudiaf:

"Elegant, intuitive, user friendly"
Christine Liu



Your presence at the inaugural launch of the SolarPVExchange™ website was a shining beacon of support for sustainable and renewable energy!

How do I maintain my Solar PV?

This is a question on everyone's mind and the answer is not that complicated :

Q: Can I clean my Solar PV panels myself and what detergent do I use?

A: All that's needed is water and mild detergent (if you like). Cleaning every 6 months removes dirt and algae thus keeping your panels at optimum performance. Check with your installer if he can provide a periodic maintenance package if your panels are installed too high up or are inaccessible to you.

Q: What else needs maintaining in my Solar PV installation?

A: Inverter warranty — The Inverter is the other part of the system you need to be aware of. Check with your installer on the warranty period offered and how much it costs to replace one should you need it replaced outside the warranty?

Q: Will I need to buy insurance for my Solar PV installation?

A: Insurance — There is always the danger of unforeseen circumstances coming into play. Your Solar PV system is for the most part, out of reach of people but Initiators should still make sure they have insurance cover in case of force majeure, otherwise known as 'the bad things that happen when you least expect it'.



SolarPVExchange launch event; 19 June 2014

We can't thank all our guests enough for helping to make our launch event a roaring success. We're referring to both the initiators and our supportive installers. Special mention goes out to our VIP guests; Dr Thomas Reindl, Deputy CEO of SERIS and to Kerk, from Power Automation who both also spoke



a little during the event. The Press also picked up on our event and launch. That was important to us. We're most pleased we were featured on Channel News Asia on the same night while the event was going on as well as in the Straits Times the next morning.

Weirdest questions posed to solar installers

(Source : www.solartwin.com/solartwin-features/fun/9-funny-solar-questions)

Q1: By putting solar panels higher up on the roof, will they work better since they are nearer the sun?

A1: Solar Panels sometimes work better higher up on some roofs, not because they are nearer the sun, but because they are no longer shaded by nearby trees or adjacent roofs.

Q2: Can I store my extra solar electricity in my water tank?

A2: Yes and no. Yes you can store the energy in a water tank. But not, not as electricity: only as heat. But it is usually better value to sell the electrical energy back to the grid.

Q3: Why will your solar water heating system not run my lights properly?

A3: Because solar water heating systems deliver hot water in pipes. (Trickle hot water down a lighting cable and your fuse will blow.) The key issue is the distinction between two kinds of solar technology. Solar water heating (=solar thermal) heats things up, usually water. Solar electricity = Photovoltaics = PV) delivers electrons down a wire.

Q4: Why can I not just connect my PV panels directly to the electrical socket in the wall?

A4: There are several reasons why not. One is because the electrical socket in the wall is alternating current (AC) electricity while your PV panels make direct current (DC) electricity. In AC, the voltage goes up and down 50 or 60 times a second. This is its frequency. In DC the voltage usually just stays up all day.

You need a chunky gadget called a PV inverter to electronically turn the PV's DC into mains-type AC of the right voltage **and** which also makes sure that the AC is in phase (ie, it hums exactly in time) with the AC in the mains. The PV inverter is a really clever gadget. It also provides life-preserving safety functions such as "anti-islanding" which stops the mains from being made live (islanding) by your PV system – an important scenario which could otherwise electrocute an electrician – who might have thought they were working on a dead electrical system.

Q5: When will you call me back with a solar panel which works really well at night?

A5: Never. Sorry, but moonlight and starlight are very very dim. Far below 1% as bright as sunlight. Not worth the bother really. It's like a thirsty person try to collect dew in a bucket while ignoring a rainstorm as the most obvious source of water. It's just a matter of going for the big wins.

Weirdest questions— Continued

Q6: When will you make a nice shiny white solar panel panel? [Or a sparkly mirror solar panel or an invisible window-like transparent solar panel?]

A6: Never. Solar panels need to be as dark as possible in order to absorb light be as efficient as possible. While reflects light – it bounces off white things – so your pretty solar panel would not perform too well. Sorry.

Q7: Why do most people only use buy solar panels when there are grants?

A7: because solar panels are only cost-effective for most people if they are either subsidized or stolen.

Q8: I have an amazing idea. Get a solar PV panel, connect a light bulb to it, shine the light on the solar panel and it will work forever. Will you design/patent this amazing device for me?

A8: No. Unlike feedback with amplifiers, where electrical energy is added to boost the microphone/loudspeaker feedback loop, there is no energy top up in the system you propose. It just won't work. Again, sorry.

SolarPVExchange to launch Crowd Leasing feature soon!

In our Next Newsletter : We're going to share how Solar Financing and Crowd Leasing works? We'll also detail how investors and initiators will benefit from this exciting initiative.



“Many people are missing out because they do not yet realize that PV is an attractive investment. We welcome SolarPVExchange as an innovative market catalyst, adding value by bringing customers and vendors together. ...”

- Mr Christophe Inglin, MD Phoenix Solar

Tell your friends about www.solarpvexchange.com and see how easy it is to get an estimate costs on your solar PV installation and your savings.

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HEAD Office: 90 Cecil Street, 10-04 Singapore 069532. BRN: 201316821D

e: enquiries@solarpvex.com | www.solarpvexchange.com