



*Hidden among the trees: the new solar panels at Templantation Siem Reap*

# Templantation Installs 360 solar panels

## *Going Greener at the Gates of Angkor*

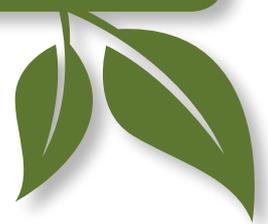
**Starting from mid-October, 2016, Templantation is the first hotel in Siem Reap area producing enough solar energy to cover a big part of its power consumption, and all of it during the sunnier parts of the day.**

This environment-conscious engagement, which constitutes also a substantial financial investment, goes with a sustained effort to wisely manage the demand for electric power: every day, all pumps and filtering systems ensuring pristine water for its 22 swimming pools are programmed to start functioning when the solar panels output reaches its peak.

This is Templantation's latest and most significant contribution to a greener, cleaner and more sustainable hospitality industry so close to one of the Wonders of the World, the Angkorian temples and lost cities. Like other Siem Reap hoteliers, we have committed ourselves to recycling or composting refuse on our premises, and participating to community campaigns in order to clean our streets and public areas. Now, it is time to go one step further.

We just had to do the maths: pumps, filters and jet streams for our 21 private pools, plus filtration system for our main pool (one of the largest in town with 1,000 cubic meters), require a daily consumption

amounting to 500 Kwh. This is by far the main strain on electrical supply at Templantation, since the whole architecture of the hotel has been designed with the aim of using natural air and light flows for ventilation and temperature control, thus limiting AC units to the bedrooms. And our open-to-the sky, shaded bathrooms do not require air conditioning, even by the hottest days. Add to the picture the fact that with only 33 accommodations over 2 landscaped hectares, Templantation has one of the lowest density rates among high-end Siem Reap hotels.





Cooling effect: the pathway from the reception area to the lounge and restaurant

In cooperation with Solearon experts, a company specialised in solar-based installations, we determined the number of panels we needed to be up to peak consumption for our 33 suites and villas, and for the common areas. Our ambition: avoid accumulating solar energy into hazardous, contaminating and energy wasting batteries, and on the contrary adapt our needs to maximum production time. The trick was done by timers regulating the moment of the day when pumps and filtering processors would start and end their cleaning work. Given that each of the 360 panels produce 250 Khw at peak time, there's no risk of shortage.

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The result, even as the rainy season is not yet over, is satisfying. Certainly because, in addition to the solar system input (covering 20 % of all power needs so far), Templation architectural design and its luxuriant surroundings offer a

great basis for such environmental efforts. Majestic trees and native bushes, carefully preserved during the building process, provide natural coolness and shade. Many bodies of water, from swimming pools to ponds to water walls, have the same



Templation, Siem Reap

effects. All the detached villas are insulated and cooled-down by green planted roofs. Built-in awnings protect the large bay windows from the harshest sunrays without blocking natural light, while in the reception and lounge areas vents and openwork partitions ensure a pleasant air circulation.

So, pun intended, it is cool to stay at Templation. And it is green. And now greener.

For media visits, please contact us at [bernard@maads.asia](mailto:bernard@maads.asia)



## Templation, Siem Reap

*Serenity is in the air with the Angkorian Temples nearby.*

- › 33 suites and villas, most with private pools and salas, amidst vast expanses of tropical flora
- › Open-to-the-sky bathrooms
- › Templation Spa by Bodia, an exclusive line of massages and spa treatments

More information and bookings at [www.templation.asia](http://www.templation.asia)