



SUMATRAN ORANGUTAN
CONSERVATION PROGRAMME

22 May 2018

Brief Update to Orang-Utans in Not e.V.

Solar power in Jantho

We are very happy to share the news that with OUiN support the SOCP's Jantho reintroduction station now operates fully by solar power! We installed 8 additional 250 wp solar panels in February 2018, meaning that we can now run all of the lights, computers, charging equipment (radios, GPS units, etc) and medical refrigerator used to store medications and samples all with the clean, free energy of the sun. Further, the solar power system and its batteries provide a stable flow of energy, without any fluctuations as may be possible with a diesel fuel-based generator, so that our electronics are better protected and likely to last much longer. However, so as to safeguard and lengthen the lifetime of the system, and also because we simply do not need full electricity 24 hours a day, we generally only operate it at the most active times, from ~4:00-06:00 and ~18:00-23:00.



The transition to full solar power equates to our no longer having to purchase and burn diesel fuel for the generator, nor have to transport it along the very rough road in and out of the station. reducing costs directly and indirectly – whilst of course reducing our carbon footprint on the environment.

In sum total the new solar system makes for a much more enjoyable and natural experience of camp life in the beautiful Jantho Nature Reserve. The benefits are felt by the staff, any nearby orangutans we have reintroduced across the river, and any wildlife in the region, who no longer have to be disturbed by the noise of a generator set. This development is especially appreciated by SOCP Jantho Field Veterinarian, Dr. Pandu, who can now check orangutan samples by microscope during the day, instead of having to wait for the generator to be turned on at night, and of course Jantho Camp Manager, Mukhlisin, and all his staff who can now conduct their nightly review and planning meetings without having to speak over the sound of a generator providing light and power to the computer. We are very grateful with this support and your donation!



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SOCP is implemented by:



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