

Southern Exposure: an overview of PV/Diesel in Malaysia and Australia

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Abstract

A summary of efforts in Malaysia and Australia in the PV/Diesel/Battery area with Malaysia mostly winning (no comment re Alaska).



Introduction

Overview of PV/Diesel/Battery work in:

1. Australia
2. Malaysia
3. Sky Cameras and Solar Forecasting



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Introduction

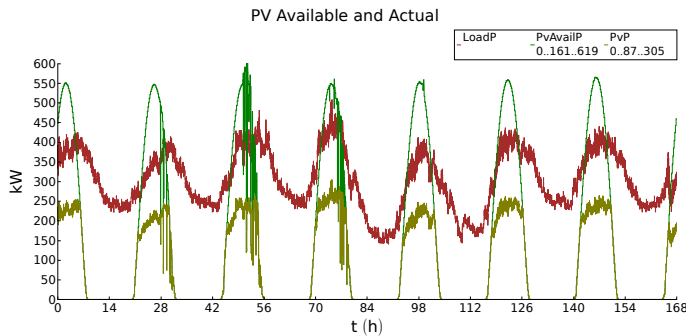
Overview of PV/Diesel/Battery work in:

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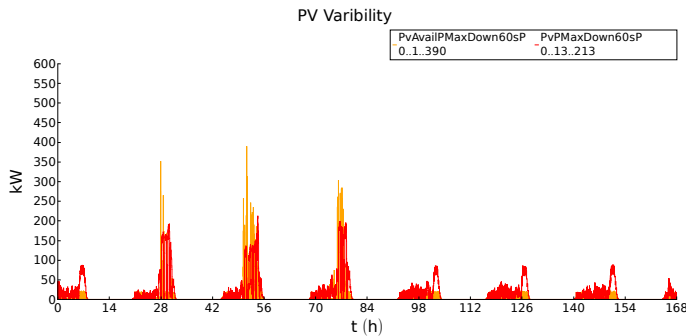
“Remember that every view, is based on where you are looking from” – Uncle Phil



PV for 1 week



PV variation for 1 week



ARENA

ARENA www.arena.gov.au as approximately \$2.5 billion in funding to:

1. Fund renewable energy projects
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Projects larger than 26M\$:

- ▶ AGL Solar Project 166M\$
- ▶ Australian Solar Thermal Research Initiative 35M\$
- ▶ Australia-US Institute for Advanced Photovoltaics 33M\$
- ▶ Cooper Basin Enhanced Geothermal Systems Heat/Power 59M\$
- ▶ Kogan Creek Solar Boost project 34M\$
- ▶ Moree Solar Farm 101M\$
- ▶ NT SETuP Program 27M\$ (or 55M\$ total project)



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Main point to note is that: 35 x anything is a lot, 35 x 2w for commissioning means a few years work.

Contact: [Andrew Gray](#)

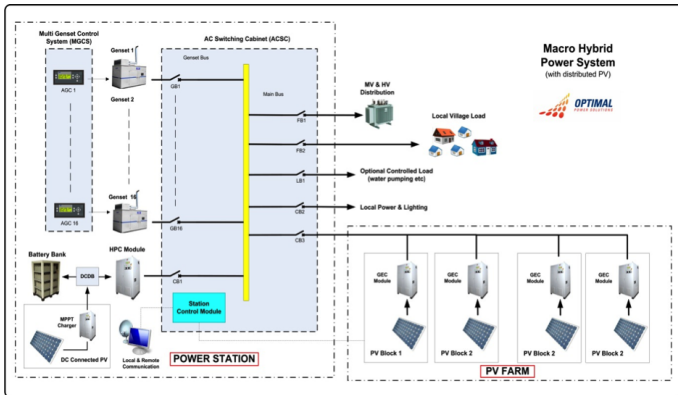


Malaysia

An overview of Malaysia.including 70% average penetration, etc. ...



A wee system



Sky Cameras

Yet another model for procurement (for us at least:¹).

- ▶ 3 x Trial Systems at a target price of 15k\$.for 3..6 months.

¹Thanks to Tim Powe



Sky Cameras

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- ▶ 3 x Trial Systems at a target price of 15k\$.for 3..6 months.
- ▶ Everyone must provide a price for a:
 - ▶ Trial system for 12 months.
 - ▶ Rollout out of from 1..10 units over the next 2 years.

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Sky Cameras: why

Why we do it, who does it and how they do it.
All based on industrial input.



So who to talk to

Who are the suppliers



Conclusion

Nothing too controversial but:

- ▶ References to various projects.



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*“Economics are the method;
the object is to change the heart and soul” – Margaret
Thatcher*

