

MBIPV Industry News Q3/2007

PV Industry Development and Enhancement Program

Editorial

Dear MBIPV and industry stakeholders

Within 6 years China has established herself as a leading country for manufacturing of products along the PV value chain. One of the forerunners and role model is certainly Suntech, which is the first Chinese PV company that went for public listing and most likely will be the first Chinese company in few years to come to challenge Sharp; the world's No. 1 PV company. Other Chinese companies are following Suntech's footsteps and we have seen in the last 24 months more than 10 IPOs from Chinese companies at NASDAQ and Wall Street. The interest to invest in emerging Chinese companies is very high, also thanks to the newly introduced law, which allows Chinese citizen to invest in stock markets abroad. The last two IPO's (Yingli and LDK) generated market capitalization of around RM1.8 billion alone. Manufacturing in China is highly profitable and going for an IPO is one of the keys to sustain the bold expansion plans and become another 'Sun-king' in China.

Other countries in Asia are also very active in establishing or attracting manufacturing of PV products, thanks to several reasons, such as low energy tariff, skilled labour, cheap land cost, tax holidays and others. Please continue reading on for further latest news or participate in the Malaysian PV Industry Days from 20-21 August 2007. The event is an excellent platform to get the latest market information and to meet global leading PV companies and discuss collaboration opportunities.

For further information regarding the PV industry enhancement activities or if you are interested to send us your feedback, please send an email to nazri@ptm.org.my or call Mr Nazri (Tel: 03 8926 1440).

MBIPV News



22nd June 2007 was a big day for MBIPV and PV in Malaysia. Y.A.B. Dato' Seri Abdullah bin Haji Ahmad Badawi, Prime Minister of Malaysia who officially launched **SURIA1000** and '**Suria for Developer**' programmes. Due to an official duty oversea, Y.B. Dato Sri Effendi Norwawi, Minister in the Prime Minister's Department officiated SURIA1000 on behalf of Y.A.B. Prime Minister.

The 2nd call for SURIA1000 is from 1st June 2007 until 1st October 2007. 60kWp is the target PV capacity and the 2nd call places a cap of 70% contribution by the MBIPV project. The 1st call received 39 proposals and the average contribution from the 14 successful recipients was 47%. MBIPV also calls for proposals under the '**SURIA for Developer**' programme. The call starts from 16th July 2007 and ends on the 31st January 2008. A total financial incentive of **Three Million Ringgit Malaysia (RM3,000,000)** for a target BIPV capacity 340kWp will be awarded to successful developer(s). All details and application forms are available on our website www.ptm.org.my/bipv.

On the **20-21 August 2007**, Malaysia will be hosting the **first National PV Industry** event in the country at Putrajaya Marriott Hotel. In this much awaited event, international PV companies from Germany, China, Switzerland and Japan will participate in round-table discussion and exhibition. For local companies, this event presents a unique opportunity to meet leading global PV companies and explore possible PV business collaboration. The workshop is an IEA-PVPS supported event and the cost for the two days event is RM100, incl. lunch and coffee breaks. For registration please visit our website.

Malaysia PV News

As per 31st July 2007 Malaysia is close to pass 600kWp capacity for grid-connected PV installations. Three new PV systems were completed in Q3 2007. 4.3kWp in Putrajaya, 4.2kWp in Melaka (see photo on your right) and a 7.3kWp system at Monash University in Sunway. All systems are building integrated and blend harmoniously into the building architecture.



The off-grid market is also very active; 100kWp hybrid PV system was completed in Pulau Kapas. Another outstanding off-grid project is SCHOOLNET, with around 270 schools equipped with PV, totalling to more than 1MWp to be installed within 9 months.

Malaysia PV News

First Solar expands manufacturing in Malaysia

First Solar announced on 10th July 2007 that its board of directors has approved the construction of an additional manufacturing plant in Kulim, Malaysia with an annual production nameplate rating of 120MW, representing an investment of approximately \$150 million. The first manufacturing facility of 100MW will be operational by mid of 2008. The additional 120MW production capacity of the new plant is scheduled to come on line in the first half of 2009.



CdTe Module

Asia PV News

Singapore: Thin Film Manufacturing Plant Planned for Singapore

Singapore is set to launch its first solar module manufacturing plant using Thin-Film Amorphous Silicon in the fourth quarter of this year. The 10,000m² plant, utilising a fully automated manufacturing process with a final annual capacity of 60MW, is expected to employ 200 high-tech skilled operators and engineers when fully operational. Sesdaq-listed Equation Corp Limited through its newly-acquired subsidiary Solar Morph Pte. Ltd. will undertake the construction and operation of the plant, commencing with a 20MW manufacturing line by mid-2008 and continue to expand to its full 60MW annual capacity by 2010.

International PV News

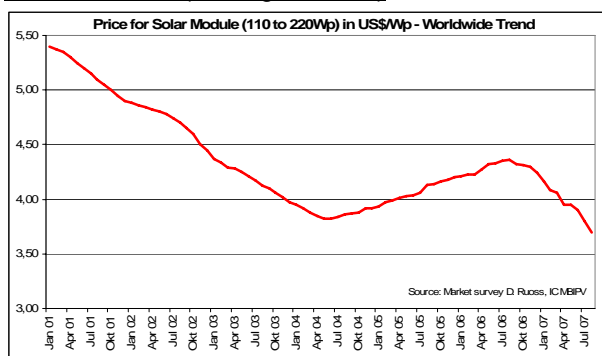
80MWp solar farm planned for California

The largest-solar-farm-in-the-world race has officially escalated, again. Cleantech America has announced plans to build an 80MWp solar plant in California's central San Joachin valley - intended to be the largest in the world by several times. The project would replace almost 20% of a smaller size nuclear reactor (400MW) by completion in 2011 and covers 640 acres.

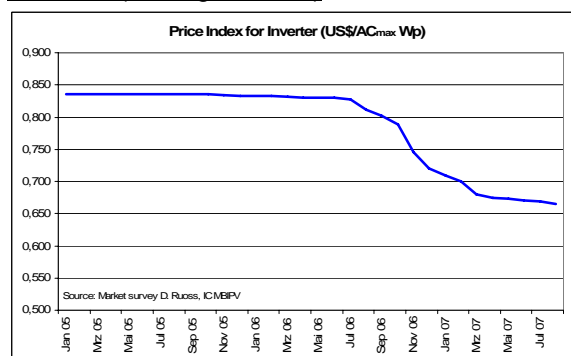
Price Index

The following graphs present the **global trend for the price of solar modules and inverters**. The price is reflecting retail cost and serves as an indication only.

Solar modules (1st August 2007)



Inverters (1st August 2007)



Important Events

20-21 August 2007

Malaysia PV Industry Days

Putrajaya, Malaysia

www.ptm.org.my/bipv

3-7 September 2007

22nd EU PVSEC

Milan, Italy

www.photovoltaic-conference.com

6-9 September 2007

China Int. Solar Energy & PV Expo

Shenzhen, China

www.sp-expo.com

11-13 September 2007

NanoEurope

St.Gallen, Switzerland

www.nanoeurope.com

18-21 September 2007

ISES Solar World Congress 2007

Beijing, China

www.swc2007.cn

24-27 September 2007

Solar Power 2007

Long Beach, California, USA

www.solarpowerconference.com

10-12 October 2007

Renewable Energy 2007

Chiba, Japan

www.renewableenergy.jp

12-20 October 2007

DOE Solar Decathlon 2007

Washington DC, USA

www.solardecathlon.org

24-25 October 2007

The Solar Industry Conference 2007

Madrid, Spain

www.solarpraxis.de

31 October - 3 November 2007

Renewable Energy Indonesia 2007

Jakarta, Indonesia

www.allworldexhibitions.com

27-30 November 2007

12th ENERGEX 2007

Suntec, Singapore

www.energex2007.com

3-7 December 2007

17th Asia PVSEC

Fukuoka, Japan

www.pvsec17.jp

24-28 February 2008

3rd Int. Solar Cities Congress

Adelaide, Australia

www.solarcitiescongress.com.au

27-29 February 2008

1st Int. PV Power Generation Expo

Tokyo, Japan

www.pvexpo.jp

1-8 March 2008

WIREC 2008

Washington DC, USA

www.wirec2008.org

5-7 March 2008

World Sustainable Energy Days 2008

Wels, Austria

www.wsed.at

Further Information

Following links provide further information on industry and country news:

- www.solarbuzz.com
- www.epia.org
- www.renewableenergymagazine.com
- www.iea-pvps.org
- www.solarplaza.org
- www.prometheus.org
- www.photon-magazine.com
- www.renewableenergy.com
- www.refocus.net
- <http://en.china-solarenergy.com>
- www.enf.cn
- www.marketwatch.com

The MBIPV project is a national project initiated by the Government of Malaysia with co-financing from Global Environment Facility whose fund is disbursed through the United Nations Development Programme:

The MBIPV project objective is to reduce the long term cost of the BIPV technology in Malaysia. This is achieved through the widespread implementation of BIPV applications and creation of enabling environments on policy and industrial side in Malaysia. To have further information on MBIPV, please visit www.ptm.org.my/bipv.