

Pakistan Solar Association (PSA)

Newsletter_Special Edition (Feb, 2016)



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PSA Members General Meeting.



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Exclusive Interview of PSA EC Member Mr. Muhammad Ishaq Bhatti on Solar Energy.

سولر توانائی کے حصول پر تھیلا لگایا گیا

ٹیٹنگ ڈائریکٹر سولر پرائیویٹ لمیٹڈ اسحاق بھٹی سے خصوصی گفتگو

اسحاق بھٹی نے کہا کہ سولر توانائی پاکستان کے لیے ایک نیا دور کا آغاز ہے۔ انہوں نے کہا کہ سولر توانائی کے حصول کے لیے حکومت اور صنعتی شعبے کے درمیان تعاون کی ضرورت ہے۔ انہوں نے کہا کہ سولر توانائی کے حصول کے لیے حکومت کو سولر توانائی کے فوائد کو سمجھنا چاہیے۔ انہوں نے کہا کہ سولر توانائی کے حصول کے لیے حکومت کو سولر توانائی کے فوائد کو سمجھنا چاہیے۔

PSA Inside:

PSA welcome our New Members.

1. Mak Pumps Company (Pvt) Ltd.
2. Saad Enterprises.
3. HIMA^VERTE / Shama Solar.
4. Dynamic Green (Pvt) Ltd.
5. Eworkz Power (Pvt) Ltd.

National:

Parliament shifts to Solar Energy



Pakistan's parliament is now the first parliament in the world to be completely powered by solar energy. Members of the National Assembly met for the first time while the lower house was being powered by solar power on Friday.

Speaker Ayaz Sadiq announced that the solar panels in the house generate 80 MW of electricity, 62 MW of which are consumed by the National Assembly and 18 MW are contributed to the national grid.

The first 'Net Metering' license in the country was also issued to the National Assembly by the National Electric Power Regulatory Authority.

The solar project was launched by Chinese President Xi Jinping and Prime Minister Nawaz Sharif during the former's visit to Pakistan last year.

The prime minister is expected to formally 'switch on' parliament's solar program later in the month.

National:

Ishaq Dar reiterates Government resolve to address energy shortage.



Finance Minister, Senator Mohammad Ishaq Dar on Tuesday said that it was prime minister's resolve to address the problem of energy shortage and that all ministries/departments concerned should put in their best efforts to achieve this objective and also attain the targets set for December 2017. Finance Minister was chairing a high level meeting which reviewed progress about projects in the energy sector.

National:

Pakistan best suited to benefit from solar power.



President Society Watch Khalid Mehmood said that Pakistan is best suited to use solar power to reduce energy crisis, balance energy mix and reduce dependence of imported fuel.

He said that sun is a source of clean, sustainable and infinite energy with no chance of any disruption like political issues, volatility in oil market and conspiracies of the enemy countries.

That is why, he said, solar energy is getting popular around the world and its use can improve by forty percent in next five years.

He called for special relaxations for the companies working in solar power field as these projects are completed in less time as compare to any other energy project.

Regional:

India: The next Solar Superpower.



India grabbed the headlines recently when it announced its GDP growth in the fourth quarter of 2015 at 7.3%. For the fiscal year ending March 2016, India should report growth of 7.6%.

Nonetheless, India is still an emerging economy, suffering plenty of growing pains. Among them is the lack of power throughout the country. Roughly 400 million Indians lack access to basic electricity. Many of the rest suffer through all-too-common power outages. However, Prime Minister Narendra Modi has pledged to provide 24-hour electricity to all of India's 1.3 billion citizens by the end of his term in 2019. An ambitious target, to say the least.

Regional:

China outstrips Germany in solar capacity after record additions.



China, the world's largest consumer of energy, surpassed Germany as the country with the most installed solar capacity after record additions last year.

The nation added 15.1 GW of new solar last year, bringing the total to 43.2 GW, the National Energy Administration.

China's solar capacity has surged almost 13-fold since 2011, according to data from Bloomberg New Energy Finance. Germany had 38.4 GW of power supply from the sun at the end of 2015, while the U.S. had 27.8 GW, according to BNEF.

Additionally, a more robust domestic market is helping China, the world's biggest supplier of solar panels, downplay its reliance on the export market.

Global:

New solar world record: Panasonic achieves 23.8% conversion efficiency PV module at research level.



Panasonic Corporation (Osaka, Japan) announced that it has achieved a solar photovoltaic (PV) module conversion efficiency of 23.8% (aperture area: 11,562 cm²) at research level, a major increase over the previous world record for crystalline silicon-based photovoltaic modules.

Global:

Solar PV deployment could create between 60,000 to 99,000 jobs in Brazil by 2018.



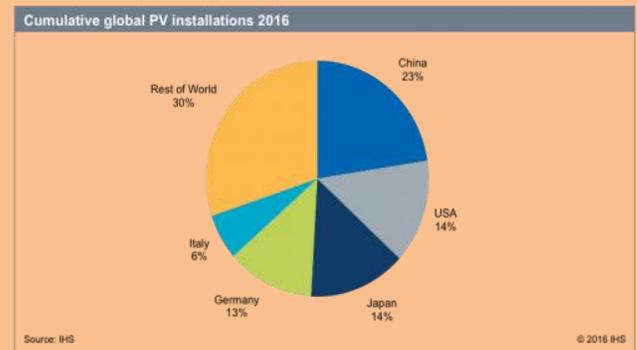
Brazil's Federal Government may rely on the solar photovoltaic (PV) sector to help minimize unemployment in the coming years, according to a statement by the Brazilian Association of Photovoltaic Solar Energy (ABSOLAR). Rodrigo Lopes Sauaia, executive president of ABSOLAR, says the installation of solar projects will result in a "significant volume" of new job opportunities. So far, 3.3 GW of utility-scale solar PV plants are planned to be installed in Brazil by 2018, considering PV projects contracted via reserve energy auctions and projects that were made possible in the free market by the state of Pernambuco.

For every MW of solar PV installed, between 20 and 30 new jobs (direct and indirect) will be created, ABSOLAR estimates.

Thus, between 60,000 and 99,000 new job opportunities will be created with the development of the Brazilian solar energy market.

Global:

China, U.S & Japan to lead global installed PV Capacity in 2016.



By the end of 2016, cumulative global installed PV installations will surpass 310GW, compared to just 40 GW at the end of 2010. The five countries accounting for 70 percent of this capacity are China, the United States, Japan, Germany and Italy. With annual installations stalling, Germany will fall from the second-largest installed base for PV to the fourth largest, surpassed by the United States and Japan, according to IHS Inc., the leading global source of critical information and insight. Continued strong solar PV demand will also support stable module pricing. Average PV module prices are expected to fall less than 5 percent in 2016, which is the smallest year-over-year decline recorded by IHS. Generally, 2015 was a positive year for the PV module manufacturing industry, with industry average gross margins reaching 22 percent.



BECOME A MEMBER

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