



# MALAYSIA PHOTOVOLTAIC MANUFACTURERS ASSOCIATION (MPMA)

NET METERING / SELF CONSUMPTION ROOFTOP  
SOLAR & LARGE UTILITY SCALE



PERSATUAN PENGILANG  
PHOTOVOLTAIC MALAYSIA (PV)

# INTRODUCTION

- Malaysia Photovoltaic Manufacturers Association (MPMA) is an association of domestic (Malaysian) owned companies engaged in the PV supply chain. Our members are producers of PV cells, modules, mountings, etc.
- While Malaysia is host to some of the largest PV manufacturing facilities by FDIs, domestic investments and participations in the PV supply chain has been very subdued in previous years.
- However, in recent years, the trend has changed and domestic manufacturers now account for 200MW PV cells, 250MW PV modules and also substantial quantities of mountings.
- This are very modest numbers but we need to expand capacities to achieve economies of scale to enable us to compete.



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# DOMESTIC PRESENT

- In this context, it is important for our members to be able to have access to the domestic demand created from increasing PV applications in the country. Access to the domestic market will give us the opportunities to develop and grow our capacities and resources.
- We hope there are some customized mechanisms to enable our members to be able to tap into the growing domestic demand. These mechanisms should differentiate small Malaysian enterprises like our members from the giants operating in the country as otherwise we will be elbowed out of the business.



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- To avoid any misconceptions I wish to clarify MPMA is not against the FDIs and in fact, these FDIs have generated enormous benefits to our economy.
- MPMA is looking to some short term handicaps in competing in the domestic market.



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# SUPPLY OF MODULES

- We hope in the implementation of PV applications, special policies are available for the supply of PV modules.
- Under the present FiT policies, the 5sen/kW bonus applies to all modules produced in the country and we have to compete in the same playing fields as the giant MNIs. We appeal for incentives specially geared to domestic enterprises.



**MPMA**

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# PV PROJECTS

- In the award of large scale PV Projects, certain quantum (at least 30%) should be set aside for domestic manufacturing enterprises. MPMA members need to have access to large scale projects to nurture and grow our capacities before we are able to compete with the large FDIs.
- Our members have the skills and capabilities to implement the projects.



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# REFERENCE PROJECTS BY OUR MEMBERS

- 5MW Solar Farm by PV HiTech.



# REFERENCE PROJECTS BY OUR MEMBERS

- 2.5MW+2.5MW+5MW (10MW) Solar Farm by MSR





# REFERENCE PROJECTS BY OUR MEMBERS

- 2.5MW Solar Farm by MSR



# PROPOSED PRICE FOR LARGE SCALE

- For Large Utility Solar Farm
- First 500MW RM 0.49/kwh
- Next 500MW RM 0.47/kwh
- Next 1000MW RM 0.45/kwh
- Next 3000MW RM 0.43/kwh
- 5 years and after ( Bidding )
- Additional request – Government intervention to help set the interest rate not more than 4%



THANK YOU