In order to implement Taiwan’s national renewable energy policy 2GW in 2 years from 2017 then 20 GW by 2025 and accelerate the usage and development of solar energy, a “Certified PV product registration and management” is proposed to construct the registration scheme for PV products in Taiwan. This study describes the current photovoltaic products qualified registration system and Status in Taiwan. In present situation, there are some statistic information such as number of growing requests, distribution of PV modules power or efficiency, distribution of mono/poly crystalline cell technology and others indicators with successful analysis implementation. At the same time, for every Nation’s policy demand background, mode of operation, validation due to criteria and standard, we’ve found specific review about mechanisms and other related contents, by analysis and research.

In order to speed up the deployment of solar energy and promote the development of the photovoltaic (PV) industry in Taiwan, the Bureau of Energy (BOE), Ministry of Economic Affairs (MOEA) announced the PV Module Product Registration Scheme on Sept. 16, 2013 to give PV module manufacturers, distributers, system operators, certification bodies, testing laboratories as well as people and financial institutions a platform from which they can access related certified product information. To apply the registration, Products must be certified by a accredited certification body according to IEC standards(IEC 61215 / IEC 61646 / IEC 62108 / IEC 61730), then a process will be carried out to scrutinize the application to verify the certification in Taiwan. To access the certified PV module product please check the link. (http://www.tcpv.org.tw/eng/Product/ )

Keyword: Certified PV product, Registration

Figure: The average efficiency analysis for all registered brand product by 2017 Q1