In Japan, one of the most important market for First Solar, solar power has become a promising source of energy to secure Japan’s independence from fuel imports and address the Japanese public’s requests for alternatives to nuclear. First Solar delivers trend and future of utility scale solar development in Japan as the most experienced PV solar developers in the world. The topics which will be mentioned in the session are 1) Solar power generation playing an important role in energy mix in Japan, 2) Growing needs of technology with high module conversion efficiency in Japanese market, and 3) Introduce First Solar’s latest projects and products as a case study throughout the session.