

Invited Speaker : Prof. Dr. Chullaphong Chullabodhi

Progress and Trends in Biomass Power Plants in Thailand



Abstract

The present government policy to encourage the use of renewables in electricity generation, plays a significant role in the development of biomass power plants in the country. This is done by ways of giving attractive feed-in tariffs to generators, and often competition bidding has been used in the selection process. From time to time, announcements are made to receive applications from interested developers, sometimes with conditioned specifications, regarding location, types and fuel mix. The last call was a hybrid scheme, specifying combined fuel sources and location. About 20 applicants have been selected, and are now in the process of gaining permits for construction.

In this paper, the presentation will give account of current developments of these biomass electricity plants, covering type, size, number, location, boiler and turbine technology, cooling water and air pollution management. Discussion on the current government policy on the topic is also made.

