

EE Department Seminar

May 4, 2010, Tuesday, 19:00

Vedat Yerlici Konferans Merkezi (Mühendislik Çatı) A1

Photovoltaics as an Important Renewable Energy Source

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Photovoltaics is direct conversion of solar energy into electricity using solid state devices called solar cells. Modern solar cells were first invented in 1950's. It took over 50 years for photovoltaics to go into mass production and as of 2009 PV module market hit the 7-8 GW mark. In this presentation we will briefly review photovoltaics as an important power source, its advantages and disadvantages, its history and various PV technologies. Projections for future development of technologies and markets will also be discussed.

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