

?It is argued that the performance of such a plant would be much higher than that of a conventional solar thermal power generation plant and a conventional combined cycle power plant mounted separately. As much as the ISCC technology enhances efficiency by reducing energy waste, it reduces CO₂ emissions during the power generation process: thus, an effective measure to cope with the increasing power demand while reducing greenhouse gas emissions. Integrating renewable energy sources into a building's design is not unknown practice in Kuwait, as—back in 1984—the Kuwait English School became the first building in the Middle East to harness 24.2 kW of solar energy through BDPV panels. Unfortunately, aside from this early development, sustainable design did not take root in the country until 2008, when plans for Kuwait's first Gold LEED Sabah Al Ahmad International Financial Center were unveiled to the public.