

PRODUCING ELECTRICITY FROM ISRAELI OIL SHALE WITH PFBC TECHNOLOGY

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Results of Israeli oil shale combustion at atmospheric pressure in the AFBC commercial boiler manufactured by Foster Wheeler Energia OY (Finland) and in the pressurized test facility of ABB Carbon AB (Finspong, Sweden) confirm suitability of fluidized-bed technologies in case of oil shale. The results approve possibility to use the PFBC technology in case of oil shale after solving of some problems connected with great amounts of fine fly ash.