مشروع
الجنينة
للطاقة
الشمسية

Project Name	Elgeneina Solar Photovoltaic Project (5MWp)	Cost (USD)	4.5MUSD	Type*	Solar PV Energy	Target Start Date	2021	Target End Date	2022
Project Description	A solar PV park with total capacity of 5MW as clean, sustainable energy project utlizing the abundant solar irradiation to generate electrical energy that will feed the isolated grid of Algeneina city in West Darfur state.								
Impact	➢ Contributes to the gap bridging in electrical energy by adding 9,800MWh/year. ➢ Reduces overall cost of energy unit. ➢ Reduces GHG by 7,128 tonCO2/year. ➢ Increases electrification rate (about 40% now). ➢ Creates enabling environment for agricultural investment and agrarian transformation. ➢ Modernizes network industries to promote competitiveness, inclusive growth and to boost economic transformation. ➢ Promotes growth of small, micro and medium sized enterprises (SMES). ➢ Boosts job creation potential.			Unique Features	➢ High average of Direct Normal Irradiance in the area. ➢ Huge agricultural and transfer industrial resources in the area. ➢ 500 hectares available for project site. ➢ Project land officially allocated.				
Cost Impact	Fuel saving of ????MUSD/year			Sponsor(s)	Government of Sudan				

المصدر: كتيب (السودان الجديد) – وزارة اتعاون الدولي والإستثمار- 2021