

مشروع أمدرمان للطاقة الشمسية

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

Project Name	Omdurman Solar Project A (200 MW)	Cost (USD)	170MUSD	Type*	Solar PV Energy	Target Start Date	2021	Target End Date	2022
Project Description	Installation of 200MWp of the latest technology of solar PV near city Omdurman in the capital Khartoum state.								
Impact	<ul style="list-style-type: none"> ➤ Contributes to the gap bridging in electrical energy. ➤ Reduces overall cost of energy unit. ➤ Saves 92,400 ton/year of fuel. ➤ Reduces GHG by 157,837.68 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		<ul style="list-style-type: none"> ➤ High average of Direct Normal Irradiance in the area. ➤ Close proximity to grid connection. ➤ Wide flat areas of empty land. ➤ Feasibility study is ready. ➤ Project land officially allocated. ➤ Right of way granted to connection to grid. 		
Cost Impact	Fuel saving of 55.44MUSD/year				Sponsor(s)		Government of Sudan		