




30 MW SOLAR FARM – Chong Shang Zone, Qinhai Province

CASE OVERVIEW	
PROJECT SIZE	: 30MW Poly-Crystalline, On-Grid, Ground Mounted
SITE OF THE PROJECT	: Chong Shang Zone, Qinhai Province
SIZE OF LAND	: 100 hectares
Date of Completion	: 23 Dec., 2010
Project Details	<p>The project is located in Chong Shang Zone, Qinhai Province. As the General Contractor of EPC (Engineering, Procurement & Contracting Constructions) WinkGroup handled overall planning, design, construction and operation of the plant. The entire project was composed by thirty (30) 1MW PV strings as sub-systems. To be safety and most secure at both ends, every sixteen 280W polycrystalline silicon modules installed in series making one string and 112 parallel strings making one generating unit equipped with 5 units of 100KW grid-tie inverters. Each 1MW PV sub-system went through inverter and boosted by a box-type substation. There was one individual inverter room for each 1MW PV sub-system. 15 units of 100KW generating units connect into a 1500KVA box-type sub-station and boosted to 50KV and then been connected into a new 50KV switching station. It is set up a 50KV line for the project length 3Km get connected to the local 110KV grid.</p>
	
	

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