

30 MW SOLAR FARM – Medog, Nyingchi Prefecture, Tibet

CASE OVERVIEW	
PROJECT SIZE	: 30MW Mono-Crystalline, On-Grid, Ground Mounted
SITE OF THE PROJECT	: Medog, Nyingchi Prefecture, Tibet
SIZE OF LAND	: 120 hectares
Date of Completion	: 12 Aug., 2013
Project Details	: <p>The project is located in Tibet. 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 sixty (60) 500KW PV strings as sub-systems. To be safety and most secure at both ends, every sixteen 300W mono-crystalline silicon modules installed in series making one string and 112 parallel strings making one generating unit equipped with 10 units of 50KW grid-tie inverters. Each 500KW PV sub-system went through inverter and boosted by a box-type substation. There was one individual inverter room for each 500KW PV sub-system. 30 units of 50KW 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 4Km get connected to the local 220KV grid.</p>



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