



TEI



SUCCESS STORIES

TIANWAN NUCLEAR POWER LIANYUNGANG PERFECTURE LEVEL CITY

NUCLEAR GENERATING STATION

LOCATION JIANGSU PROVINCE-PRC
CUSTOMER HARBIN TURBINE AUXILIARIES CORPORATION
END USER JIANGSU NUCLEAR POWER CORPORATION

PROJECT OVERVIEW

+ No. of Units: 2

Nuclear Island

- + Supplier: Atomstroyexport
- + Type: VVER-1000/428
- + Main Fuel: UO₂ - 4.55% e
- + Backup Fuel: Need Information
- + Cycle Description: PWR

Turbine Island

- + Supplier: Harbin Turbine Company
- + Design: Single Shaft, Reaction Condensing, Multi HP/LP Stages
- + Pressure Levels: 5.88 / 0.93 MPa



TEI SOLUTION

- + Supplied MSR HP and LP bundles for 3 out of 4 MSR vessels with TEI finned tubes
- + Supplied TEI finned tubes for HP and LP bundles for one MSR vessel
- + Supplied TEI chevron vanes for 4 MSR vessels

PERFORMANCE RESULTS

Delivered on schedule

	ENGLISH	METRIC
Gross Capacity	1,050 MW	
Net Capacity	1,126 MW	
HP Turbine Steam Inlet Temp		274.3°C
HP Turbine Steam Inlet Press		5.88 MPa
LP Turbine Steam Inlet Press		0.93 MPa

