

SUCCESS STORIES

IMPERIAL IRRIGATION DISTRICT

UNIT #3 REPOWERING PROJECT

LOCATION EL CENTRO, CA, U.S.A.
 CAPACITY 144 MW OUTPUT

PROJECT OVERVIEW

The IID El Centro Unit #3 Repowering Project was received from Siemens Energy, Inc. in 2010. The project consists of 2 HRSG units installed behind Siemens SGT-800 gas turbines. The fired, MSG single wide, natural circulation, two pressure level units were installed at the El Centro Power Plant located in El Centro, California.



PERFORMANCE MEASUREMENTS

	ENGLISH	METRIC
HP Steam Flow	192,750 lb/h	87,431 kg/h
HP Steam Pressure	1195 psig	82 barg
HP Steam Temperature	973°F	523°C
LP Steam Flow	25,500 lb/h	11,567 kg/h
LP Steam Pressure	94 psig	6 barg
LP Steam Temperature	560°F	293°C