JOHN SEVIER COMBINED CYCLE PLANT

John Sevier Combined-Cycle Plant is a 880-megawatt facility located near Rogersville, Tenn. The plant began commercial operation on April 30, 2012. Each HRSG is equipped with natural gas-fired supplemental duct firing and emissions control equipment.

Project Name:
John Sevier Combined Cycle Plant

Location: Rogersville, TN

Plant MW: 870

Customer: TVA

Owner: TVA

COD: April 2012

Plant Capacity (MW): 870

No. of Units: 3-GEFrame 7

Design Conditions: 3-Pressure with Reheat

Steam Conditions

	PSIG	BARG	F	C
HP	2695	186	1057	570
RH	566	39	1054	568
IP	566	39	665	352
LP	130	9	705	374

Special Features:
SCR System
Duct Burner
External Heat Exchanger

Casing being installed for all three units

Two crane large module lift

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The Nooter/Eriksen Global Reach

Complex heat recovery systems are our specialty. As the world's leading independent supplier of Natural Circulation Heat Recovery Steam Generators, we are a single source supplier of custom designed heat recovery systems. Now in our second century celebrating over 100 years in business, we have sold over 950 HRSGs in over 40 countries.

Key achievements of completed projects within the past 25 years

1987
Nooter/Eriksen
formed in
St. Louis, MO

1992
Medway Project
Kent, UK
Awarded the first HRSG
for the Frame 9F

1993
First HRSG supplier
in U.S. to become
ISO9000 certified

1998
Millennium Project
Charlton, MA
First HRSG behind the
W501G Gas Turbine

2006
First supplier to import a
large HRSG into Japan for
Toshiba using METI standards

2009
Awarded the first F-Class
OTSG for US market
(Lodi Energy Center)

2010
Awarded the first H-Class
HRSG for US market

2011
Awarded first J-Class
HRSG for Yulchon,
South Korea

Nooter/Eriksen's vision is to be ***"Our Customer's Preferred Choice"***. Our objective is to be the supplier of the best designed, most efficiently produced and most reliable heat recovery systems available on the market.