



COMBINED HEAT AND POWER RECYCLED PAPER NEW-INDY CONTAINERBOARD

OWNER
New-Indy Containerboard

LOCATION
Ontario, California, USA

PRODUCT
**Two Titan™ 130 (15 MWe) Gas Turbine Generator
Sets with SoLoNOx™**

CUSTOMER VALUE
Energy Savings

New-Indy Containerboard operates four mills producing 750,000 tons of recycled containerboard per year. New-Indy's mills receive more than 100 truckloads of old corrugated cardboard (OCC) daily. This material is cleaned, reduced to a slurry and then reformed to create new containerboard. The recycled paper is then sent to box plants throughout local markets. Each of their California locations have combined heat and power (CHP) plants that provide all of the mill's electrical power and also supply power to thousands of Southern California homes through their partnership with Southern California Edison.

New-Indy previously owned and operated a CHP plant that provided steam and power to the existing paper mill facility and to the new box plant adjacent to the main plant. The existing CHP plant was at the end of its service life. Due to the increased maintenance cost, environmental fees and changes in environmental regulations, New-Indy decided to

Solar® Turbines

A Caterpillar Company

Combined Heat and Power – Recycled Paper



PLANT DATA

Two Titan 130 Gas Turbines (30 MWe)

Steam Drying

Heat Recovery Steam Generator

Natural Gas Fuel

upgrade their existing CHP plant with a new, efficient and environmentally-friendly system. The new upgraded CHP plant uses natural gas for all operations to produce power and steam. The two new Titan™ 130 gas turbines from Solar are fitted with our SoLoNOx™ emissions system and will be much cleaner and more efficient than the replaced unit.

COMPETITIVE PRODUCT PRICE

LOCAL AND RELIABLE SERVICE

ENVIRONMENTALLY FRIENDLY



OUR PRODUCTS AND SERVICES

Gas Turbine Package and Auxiliary Supply

Startup and Commissioning

Operation and Maintenance Training

Full-Service Agreement

These two Titan 130 generator sets provide the Ontario manufacturing facility with 100% of their electrical requirements, steam for drying the paper during production, and power to the grid. New-Indy prides themselves on their environmentally-conscious manufacturing processes that enable them to maintain a strong business presence in the markets they serve.

Additionally, New-Indy purchased a full-service agreement with Solar Turbines for the two Titan 130 generator sets. This provides a long-term service solution that is designed to help extend the life of their equipment by providing a fixed service cost over the long term and significantly reducing financial risk of equipment repairs. This comprehensive service offering includes several service capabilities that, when combined, will successfully maintain the operational health of the machinery and mitigate unplanned machinery downtime while extending its lifecycle.

Solar Turbines Incorporated
Tel: +1 619 544 5352
Mail: infocorp@solturbines.com Web: www.solturbines.com

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