



Grid Power

Case History

Shenzhen Dongjiang Environmental
Renewable Energy Co. Ltd.

Where:

ShenZhen City, China

Specified:

1 x **STAMFORD® S-Range S7HV**

Purpose:

Providing grid power for biogas plant
generating electricity.

Established in 2006, Shenzhen Dongjiang Environmental Renewable Energy Co. Ltd. operates municipal solid waste projects including landfill gas power generation, municipal landfill, sewage treatment, sludge treatment and kitchen waste treatment, with an installed capacity of 10 MW and an annual power generation of 50 million kWh.

With a working partnership since 2011, Shenzhen Dongjiang Environmental Renewable Energy Co. Ltd. felt confident to choose **NEWAGE® | STAMFORD® | AvK®** to provide an alternator to suit their requirements.



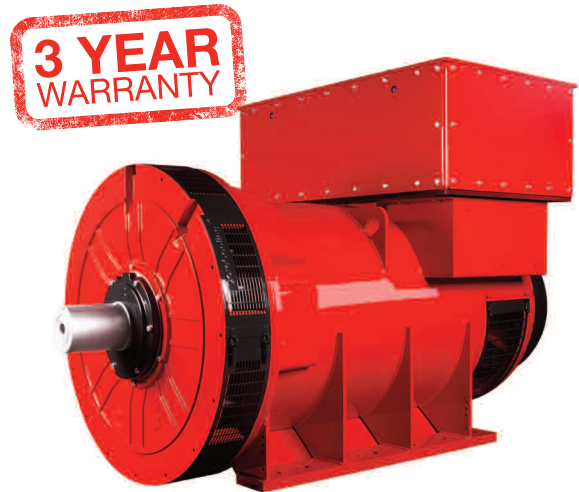
STAMFORD® S7HV in situ

The requirements to suit were for an alternator giving a total output of 10.5kV/1000kW working at an ambient temperature at below 40°C.

STAMFORD® S7HV alternator was able to easily accomplish this.

The **STAMFORD® S7HV** winding features and options for bearing RTD's also ensured the alternator fitted the customers specifications, to operate 7,500-8,000 hours per year.

NEWAGE® | STAMFORD® | AvK® also designed a special coupling for the alternator allowing this bespoke product to accommodate the existing alternator in the genset.



STAMFORD® S-Range S7HV

"Specially designed coupling kit enabled ease of coupling to an existing alternator."

-Yayao Liang, Operation Supervisor, Shenzhen Dongjiang Environmental Renewable Energy

Throughout the whole customer journey, **NEWAGE® | STAMFORD® | AvK®** Service and Technical Support teams played an important part in ensuring that the **STAMFORD® S7HV** was the right choice for Shenzhen Dongjiang Environmental Renewable Energy Co. Ltd's project.

For more information on the full range of **NEWAGE® | STAMFORD® | AvK®** products and services visit: www.stamford-avk.com



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Generator Technologies

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