

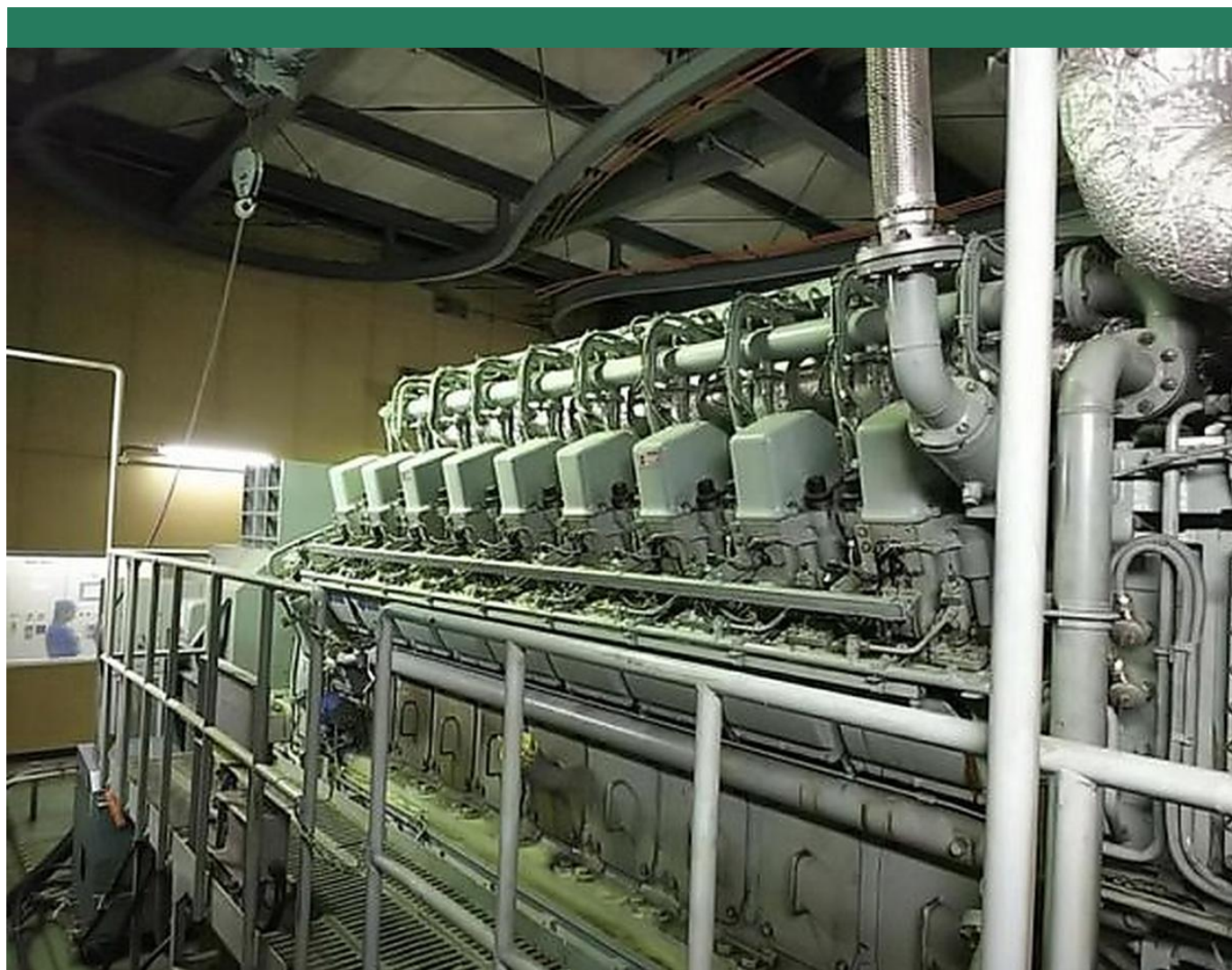


JADE Power Trading
Quality Energy Equipment

PRODUCT
BROCHURE
REF.
10702025

NATURAL GAS GENERATOR PLANT 5.76 MW NIIGATA 2 × 18V22AG

2 × 2,880 kW_e | 3.45 kV | 60 Hz | Year 2005



5.76 MWe
TOTAL CAPACITY

3.45 kV / 60 Hz
GENERATOR OUTPUT

2 × 18V22AG
GAS GENERATING
SETS

Approx. 31,100 h
OPERATING HOURS

NIIGATA-MAINTAINED • PROFESSIONALLY DISMANTLED • READY FOR SHIPMENT

EQUIPMENT OVERVIEW

Well-maintained natural-gas generating capacity with two Niigata medium-speed engine-generator sets.

DISMANTLED 5.76 MW NATURAL-GAS POWER PLANT

This natural-gas power plant consists of two Niigata 18V22AG generator sets manufactured in 2005. Each unit provides 2,880 kWe at 3,450 V / 60 Hz, giving a total installed electrical capacity of approximately 5.76 MWe.

The plant operated until 2020 and was maintained in accordance with Niigata maintenance procedures. The latest scheduled 30,000-hour major maintenance for both engines was completed in April 2019. At shutdown, the accumulated operating hours were approximately 31,100 hours.

The plant was professionally dismantled in 2022. The offered scope includes the plant control system, mechanical and electrical indoor auxiliaries, high-voltage circuit breakers and MCC cabinets. The dismantled equipment is available for inspection and shipment subject to final scope confirmation.

Representative Niigata 18V22AG Generator Set



Niigata 18V22AG Generator Set
Representative Niigata 18V22AG Imagery

Representative Niigata 18V22AG Gas Engine



Niigata 18V22AG Gas Engine
Representative Niigata 18V22AG Imagery

TECHNICAL SPECIFICATIONS

Technical data provided for preliminary sales and project evaluation.

PARAMETER	SPECIFICATION
Manufacturer	Niigata, Japan
Plant configuration	2 × Niigata 18V22AG gas generating sets
Product	Natural-gas engine generators with auxiliaries
Manufacturing year	2005
Total generating capacity	5.76 MWe
Electrical output per unit	2,880 kWe
Engine model	Niigata 18V22AG
Number of generating sets	2 units
Fuel	Natural gas
Rotation speed	900 rpm
Generator voltage / frequency	3,450 V / 60 Hz
Operating hours	Approx. 31,100 hours
Last major maintenance	30,000-hour service completed in April 2019
Operation stopped	2020
Dismantling	Professionally dismantled in 2022
Alternator	NTAKL-SE
AC exciter	Nishishiba NTAA-SU
Approx. dry weight	66,300 kg per generating set
Scope status	Dismantled package with controls, auxiliaries, HV breakers and MCCs
Performance note: Final electrical performance remains subject to gas quality, ambient conditions, auxiliary loads, destination-site integration, final battery limits and agreed test procedures.	

SCOPE OF SUPPLY & CONTACT

The following scope is based on the currently available sales information and remains subject to final confirmation.

INCLUDED EQUIPMENT ✓ 2 × Niigata 18V22AG natural-gas engines ✓ 2 × synchronous alternators type NTAKL-SE ✓ AC exciters type Nishishiba NTAA-SU ✓ Plant control system ✓ Mechanical indoor auxiliary equipment ✓ Electrical indoor auxiliary equipment ✓ High-voltage circuit breakers ✓ Motor control center (MCC) cabinets ✓ Associated dismantled equipment within the confirmed scope	DELIVERY & INSPECTION – Plant professionally dismantled in 2022 – Equipment available for inspection by arrangement – 30,000-hour major maintenance completed on both engines in 2019 – Detailed battery limits and final equipment list subject to confirmation – Preservation, packing, transport and reinstallation may be arranged separately – Final commercial and delivery terms subject to contract
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RELOCATION & SITE INTEGRATION

The plant has been professionally dismantled. Final preservation, packing, loading, transport, reinstallation, natural-gas supply, cooling-water systems, exhaust routing, electrical integration, protection, synchronization and grid connection must be engineered for the destination site and agreed in the final contract.

REQUEST FURTHER INFORMATION

Commercial quotation, additional plant photographs, detailed scope clarification, technical documentation and inspection arrangements are available on request.

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SCAN FOR ONLINE LISTING

All information is provided in good faith for preliminary evaluation and is subject to verification, final scope confirmation and contract.