

# KIOSK SUBSTATION

## END ON END PACKAGED SUBSTATION

DESIGNED TO HOUSE A RING MAIN UNIT, TRANSFORMER AND LV FUSE FRAME IN ONE COMPACT OUTDOOR ENCLOSURE.

ETEL



### KEY FEATURES

Fully integrated substation capable of housing a number of transformer sizes.

Segregated cubicle for the installation of Low Voltage switchgear and protection.

Segregated cubicle for the installation of High Voltage switchgear and protection.

Removable enclosure to enable future modifications or upgrades.

### OPTIONAL FEATURES

Winding temperature indication

Fused protection

Surge arrestors

Fault passage indicators

Voltage monitoring

Current monitoring

Remote monitoring

Oil bunding

### TECHNICAL SPECIFICATIONS

<b>Standard</b>	Designed and manufactured to AS/NZS60076 and/or IEC60076/ ASNZZS4871.3
<b>Rating</b>	50kVA - 3000kVA
<b>HV Volts</b>	6.6kV, 11kV, 22kV, 33kV
<b>LV Volts</b>	415V, 433V, 1000V
<b>Off-Circuit tap changer with tap range</b>	+2.5% to -7.5% taps in steps of 2.5%
<b>Insulation Class</b>	A (thermally upgraded paper)
<b>Vector Group</b>	Dyn11 as standard, other available
<b>BIL/Power Frequency Levels</b>	As per AS/NZS60078-3 and / or IEC60076-3
<b>Oil</b>	Mineral oil to IEC60296 Bio Ester oil to IEC62770
<b>Coating systems</b>	As per AS2312 . Enclosure: Powercoated, galvanised sheet. Base: mild steel galvanised

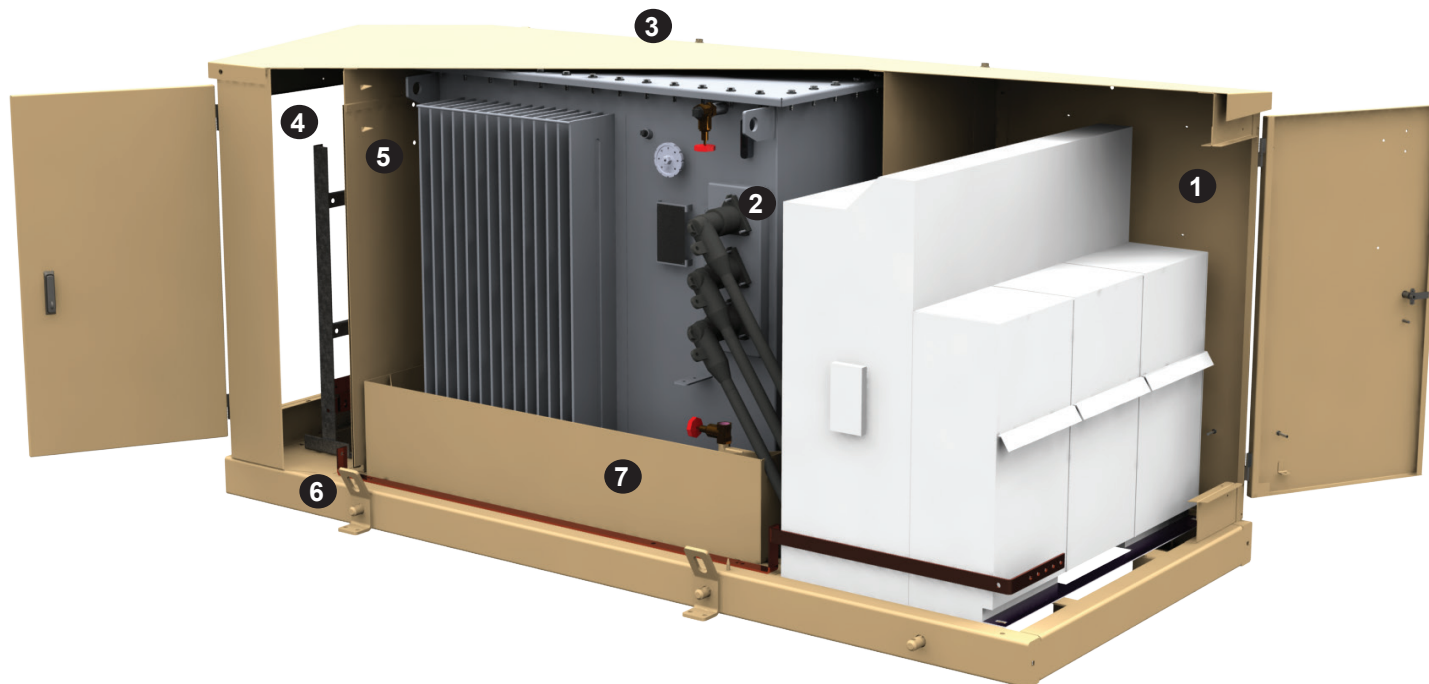
KIOSK

# KIOSK SUBSTATION

## END ON END PACKAGED SUBSTATION

DESIGNED TO HOUSE A RING MAIN UNIT, TRANSFORMER AND LV FUSE FRAME IN ONE COMPACT OUTDOOR ENCLOSURE.

**ETEL**



- 1 HV switchgear compartment
- 2 Earth screened elbows for cabling from transformer to switchgear
- 3 Enclosure – encompasses HV, LV and transformer compartment. Enclosure can be removed for access to all three sections
- 4 LV switchgear compartment
- 5 Transformer
- 6 Lifting points (removable)
- 7 Oil biding (optional)

## ETEL LIMITED

ETEL Limited is New Zealand's largest transformer manufacturing company, specialising in the design and manufacture of distribution transformers.

With a six plant manufacturing facility in Auckland, operational facilities in Melbourne and Perth, and a manufacturing plant in Jakarta, ETEL is able to produce a full range of distribution transformers, from a capacity of 15kVA up to 4.5MVA in size, for electricity supply networks, industrial sites and mining projects.

ETEL has in place a complete quality system, which complies with and is certified to ISO9001:2015 and an occupational health and safety management system which is certified to ISO45001.

ETEL are committed to the innovation of distribution transformers designed to meet the individual requirements and vision of its customers.



Quality  
ISO 9001



Health &  
Safety  
ISO 45001

### ETEL TRANSFORMERS

p: +1800 458 126 | e: [sales@eteltransformers.com.au](mailto:sales@eteltransformers.com.au) | [www.eteltransformers.com.au](http://www.eteltransformers.com.au)

VICTORIA: 21 Healey Road, Dandenong South, Victoria 3175

WESTERN AUSTRALIA: 9 Contest Link, Henderson, Western Australia 6166

NEW ZEALAND: Head Office, 550 Rosebank Road, Avondale, Auckland, New Zealand

As we are continuously working to improve our products and designs, the content in this publication is subject to change without notice. Please contact us if you have any questions or to access the latest information.

© ETEL 2021