

Zeitschrift: The Swiss observer : the journal of the Federation of Swiss Societies in the UK
Herausgeber: Federation of Swiss Societies in the United Kingdom
Band: - (1966)
Heft: 1494

Werbung

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. [Siehe Rechtliche Hinweise.](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. [Voir Informations légales.](#)

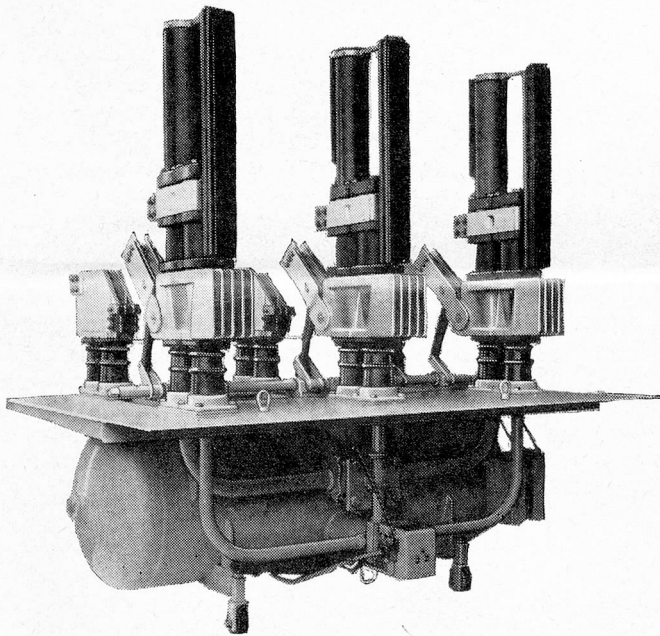
Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. [See Legal notice.](#)

Download PDF: 02.03.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

BROWN BOVERI HANDLES THE LOAD AT CRUACHAN



■ The Brown Boveri generator indoor type 16kV air-blast breaker as installed at Cruachan. Each unit is rated at 6,000 amps and has a breaking capacity of 1,000 MVA at 16kV.

The £12m pumped storage plant at Cruachan, Argyllshire forms the main part of the North of Scotland Hydro-Electric Board's £25m scheme. A feature of the scheme is that, by the use of reversible pump turbines, water is pumped at night from Lock Awe 1,300 ft. uphill to a giant storage tank, being brought down at day to generate supplies for the peak load.

Cruachan will eventually produce 400 megawatts and the ready availability of Brown Boveri generator air-blast circuit breakers rated up to 24kV and 22,000 amps has made possible the installation at Cruachan of four such units and associated isolator gear between the motor/generators and the main transformers. This results in substantial savings in capital and running costs as compared with the high-voltage switching installation.

In this, as in many other industrial fields, Brown Boveri's experience and comprehensive electrical manufacturing programme (based upon Brown Boveri's leading position on the Continent of Europe) has provided valuable service to economy and productivity in Britain.



BROWN, BOVERI & COMPANY LIMITED, BADEN SWITZERLAND

are represented in this country by

BRITISH BROWN-BOVERI LIMITED

GLEN HOUSE, STAG PLACE, LONDON S.W.1

Telephone: Tate Gallery 9422 Telex 23448