

Water Power

INTERNATIONAL DEVELOPMENT OF HYDRO-ELECTRIC POWER

PRICE 2/6

MAY 1952



The Owen Falls Project, the largest hydro-electric scheme in Africa, will, when completed, house ten 15,000 K.W. water turbine driven generating sets.

The 21,000 H.P. turbines which will operate at 150 r.p.m. at heads up to 70 feet, are of the Kaplan type with steel plate spirals. Each runner has five cast stainless steel blades and the nominal runner diameter is 13 feet.

At present six turbines have been ordered, the first of these already being in course of erection on site.

Owen Falls
Hydro-Electric
Project
Uganda



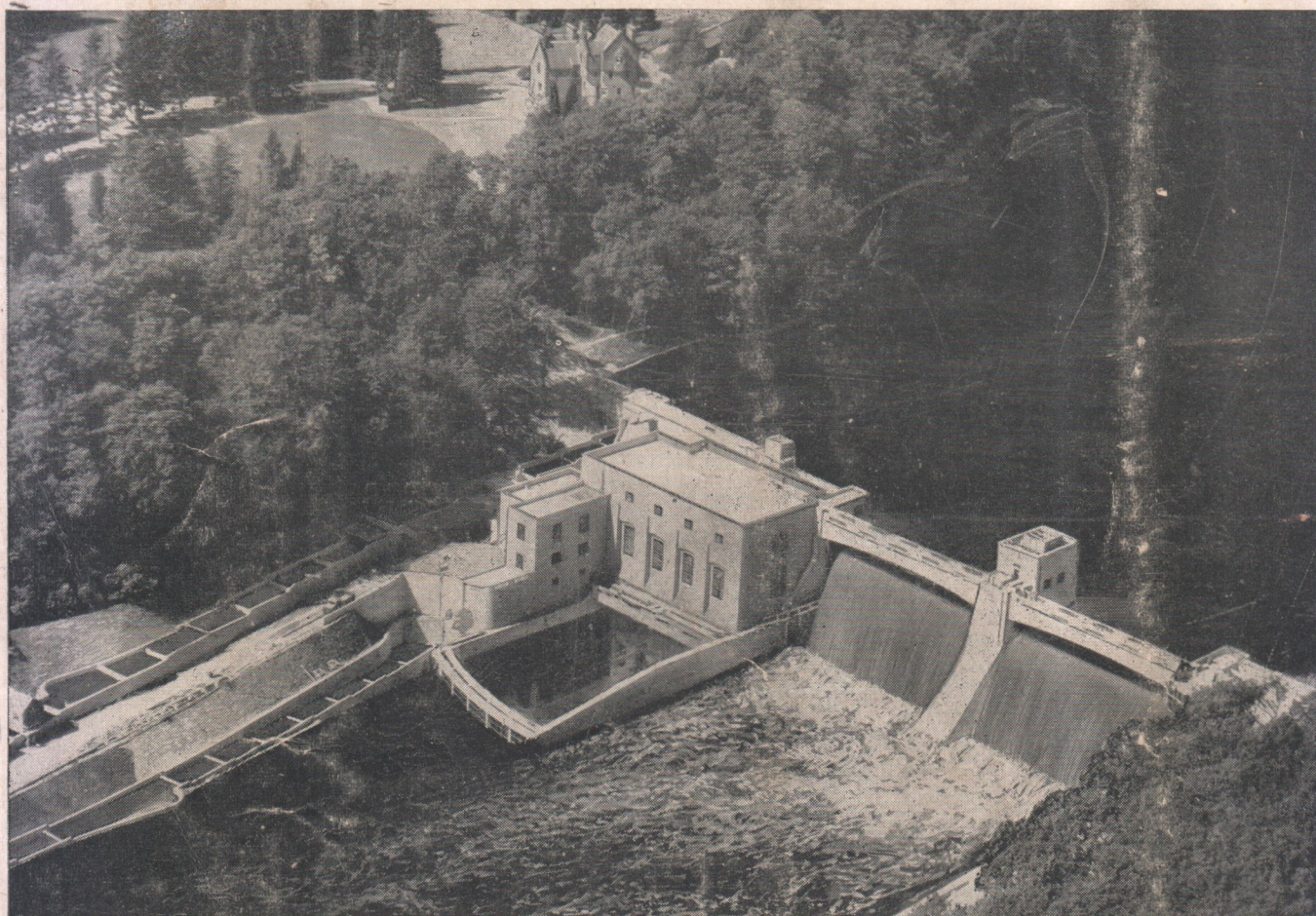
11/2/1952
Boving
& COMPANY LIMITED

WATER POWER ENGINEERS

Head Office: 56, KINGSWAY, LONDON, W.C.2, ENGLAND

AUSTRALIA : NEW ZEALAND : INDIA : PAKISTAN

HYDRO-ELECTRIC PLANT in the Scottish Highlands



The Pitlochry station of the North of Scotland Hydro-Electric Board, shown in the illustration, contains two 8,333 kVA Metrovick vertical Generators driven by Kaplan turbines of Boving manufacture, operating at a normal speed of 167 r.p.m. and designed for an overspeed of 480 r.p.m. Other Metrovick gear in this station is the generator control equipment including the voltage regulators.

Branches at: **BUENOS AIRES,**
JO'BURG, RIO DE JANEIRO,
SHANGHAI, WELLINGTON,
Etc.

The M.V.E. Co. Ltd. also manufacture Synchronous Condensers, Transformers, Switchgear and automatic control equipment for the largest hydro-electric power schemes all over the world.

Agents in: **AUSTRALIA,**
CANADA, FINLAND, INDIA,
PAKISTAN, MEXICO, NOR-
WAY, N. & S. RHODESIA,
PORTUGAL, SPAIN, Etc.



METROPOLITAN-VICKERS ELECTRICAL CO. LTD., MANCHESTER 17, ENGLAND

Member of the A.E.I. group of companies

METROVICK

hydro-electric plant for maximum power production