

SPE-162

10-85-76
SL-100-880 (II)
SL-100-SPE

OTTAWA, November 7, 1964.

SPECIAL APPROVAL

Granted to: Polonoy Electric Company of Canada Limited,
213-219 Sterling Road,
Toronto, Ontario.

Subject: Two Only Polonoy Type "R1" 1200/400-5 amp., 60Hz
Current Transformers Serial Numbers 248041AE and
248042AE

Attention: Mr. D. McCormick,
Manager, Engineering Department

Special approval has been granted by the Standards Branch for use in Canada for billing purposes, to the above-named apparatus.

These transformers are through type with tapped secondary windings. The 400-5 amp. ratio is obtained using terminals "A11" and "A12" and the 1200-5 amp. ratio by using terminals "A11" and "A13".

The accuracy rating of these transformers is 0.3% 0.1, 10.2, 10.5, 10.9, 11.0, 11.8; 0.6% 2.0 and the nameplates are marked 0.3; 0.9.

These transformers are for use by Ontario Hydro at Lineridge Power Station.


G. S. Anderson,
Assistant Director & Chief Engineer

(for) W. J. S. Fraser,
Chief, Electricity and Gas Division.

GAN/BH

c.c. Mr. R. B. Beattie, E.I. of H.G. Hamilton
Ontario Hydro (through Mr. Beattie)
Mr. J. W. Kokesh, Regional Manager
Mr. K. C. Foster, Director, Operations Branch

Series Primary Connections

ratio	secondary terminals	accuracy rating at 60Hz on nameplate
100-5 amps	X1-X4, X1-74	0.312.0
100-5 amps	X1-X2, Y1-Y3, Z1-Z3	0.382.0
200-5 amps	Y1-Y2, Z1-Z2	0.681.0

X1, Y1 and Z1 have the same polarity as R1.

The accuracy ratings are 0.380.1, 50.2, 50.5, 10.9, R1.0, R1.8, R2.0 for the 800-5 and 100-5 amp. ratios of the "X" winding and the 1200-5, 100-5, 600-5 and 100-5 amp. ratios of the "Y" and "Z" windings and 0.650.1, 10.2, 10.5, 10.9, R1.3; 0.381.0; 0.682.0 for the 200-5 amp ratio of the "Y" and "Z" winding.

The nameplate gives the connections and the accuracy ratings as listed above.

These transformers are for use by the Calgary Power Limited at the East Calgary Sub-station.

G. S. Anderson

G. S. Anderson,
Assistant Director & Chief Engineer

SAK/CH

(for)

H. J. S. Fraser,
Chief, Electricity and Gas Division.

c.c. Mr. H. S. Park, D.I. of E&G Calgary
Calgary Power Limited (through Mr. Park)
Mr. R. B. McKay, Regional Manager
Mr. K. G. Foster, Director, Operations Branch.