SOUTHWESTERN POWER ADMINISTRATION

75th Anniversary Celebration Places
HYDRAULIC TURBINE
UNIT NO. 1
FRANCIS TYPE
SERIAL NO. 253
INSTALLED 1970
63600 H.P.
171 FT. H.D.
150 R.P.M.
NEWPORT NEWS
SHIPBUILDING AND DRY DOCK CO.
NEWPORT NEWS, VA., U.S.A.
ALSTOM

GENERATOR REFURBISHMENT

UPRATED CAPABILITY: 48,420 kVA / 46,000 kW

13.8 kV 2026 A  P.F. 0.95  60 Hz  150 RPM

3 PHASE Y CONNECTED COUNTER-CLOCKWISE ROTATION

STATOR INSULATION: CLASS F

EXCITATION: 766 A 193 V

MAXIMUM TEMPERATURE RISE: STATOR 75°C

MAXIMUM COOLING AIR TEMPERATURE: 40°C

ALSTOM NO. 510733  UNIT NO. 1  INSTALLED 2014

Alstom Hydro Canada inc.
SOREL TRACY, QUEBEC, CANADA
REAL ESTATE MORTGAGE

KNOW ALL MEN BY THESE PRESENTS:

THAT

Southwestern Power Administration

of the United States Department of Interior,
party of the first part has mortgaged and hereby mortgages to

The Treasurer of The United States of America

party of the second part, the following described real estate and premises situated in Grayson County State of Texas to wit:

The Hydroelectric Plant of Denison Dam . . . $46,000,000.00
Operations and Maintenance Costs . . . $33,000,000.00
Total Including Interest . . . $79,000,000.00

Douglas G. Wright
Douglas Wright
Administrator

March 1944
Date