

<b>Title:</b>	Hydro Electric Commission of Ontario Scrapbook, 1912, 1914, 1917-1923, 1953, 2010, n.d.		
<b>Creator:</b>	Hydro Electric Power Commission of Ontario		
<b>Dates of Material:</b>	1912, 1914, 1917-1923, 1953, 2010, n.d.	<b>Record Group Number:</b>	RG 584
<b>Summary of Contents:</b>	<p>1 26 cm. x 29 cm. scrapbook in an unmarked canvas cover. The scrapbook is divided into chapters. The book contains 32 b&amp;w photos. Photographs are firmly glued to the pages except where otherwise indicated.</p> <p><b>Power Development</b></p> <p>This chapter contains maps; the <i>Bulletin</i> from the Hydro-Electric Power Commission of Ontario for October, 1920; a picture of the general office staff at the Chippawa Queenston Development from September 1921 and pictures and descriptions of equipment such as shovels and hoists, includes 2 b&amp;w photos, 1919-1922, n.d.</p> <p><b>Motors</b></p> <p>This chapter contains descriptions of motors, blueprints, lists of the probable useful lifetimes of various pieces of equipment and prices. There is also an article on Niagara Falls and the Niagara Power Company. Included is correspondence to Mr. Cummings of the Hydraulic Department of the Hydro-Electric Power Commission, 1917, 1921-1922, n.d.</p> <p><b>Shovels</b></p> <p>Cable data and graphs are included as well as diagrams and lists of repair parts, includes 28 b&amp;w photos [2 of the photos are not glued to the pages]. There is also correspondence to Mr. J.J. Reuter of the Hydro-Electric Power Company of Niagara Falls, Ontario regarding conversion of a 225-B steam shovel into a dragline. Also included is correspondence to Mr. H.G. Acres of Niagara Falls, 1917-1923, n.d.</p> <p><b>Air Tools</b></p> <p>Includes information on drills. Also included are blueprints and orders for various air tools, 1917-1922</p> <p><b>Ropes and Blocks</b></p> <p>Includes a wire rope tackle chart and handy chart for quick computation as well as a chart of industrial works wrecking tools, n.d.</p> <p><b>Machine Shop Tools</b></p> <p>Includes graphs regarding drills and bolt cutting, 1912, 1914</p>		

**Derrick Irons**

Includes orders, 1917, 1920-1921

**Boiler**

Includes orders, 1920

**Dump Cars**

Includes orders and 2 b&w photos, 1918-1920

**Hoists**

Includes orders, 1917, 1919-1921

**Air Compressor**

Includes orders, 1917-1921

**Crusher**

Includes orders, 1917-1918, 1920

**Cement Concrete**

Includes blueprints of elevation of stone crushing and stone storing plant. Also included are the cement specifications for wheelpit and canal. Orders for equipment are also included, 1920-1921, n.d.

**Electrical Apparatus**

Includes information on volt feeders and motors on the job. Also included are graphs of costs for transformers and effects of lowering voltage. There is also an outline of power distribution for the Chippawa Development and *Bus Bar Data for Outdoor Switching Structures*. Included are charts regarding piping and tubing, 1917-1922, n.d.

**Miscellaneous**

This chapter contains information on machine shop equipment and supplies; the car repair shop; the construction department; garage equipment; substation equipment and supplies and outdoor type transformers. Orders are included, as well as charts for horsepower of shafts and capacity of elevators, 1917-1921, n.d.

**Turbines, Pumps, Etc.**

	<p>Includes orders and a <i>Goulds Manufacturing Company Bulletin</i>. Turbine diagrams are also included as well as a chart for the movement of expansion joints of penstocks, 1914, 1916-1922</p> <p><b>Rock Crushers Etc.</b></p> <p>Included is information on the crusher plant and graphs on the McCully Gyratory Stone Crusher, 1920-1921</p> <p><b>Loose Items</b></p> <p><i>English Electric Company of Canada Limited Bulletin no. 1001, Dec. 1922</i></p> <p><i>Ontario Hydro's Sir Adam Beck-Niagara Generating Station No. 2, Niagara Falls, Apr. 1953</i></p> <p><i>Ontario Power Generation Neighbours Newsletter, Winter, 2010</i></p>
<p><b>Physical Description / Condition:</b></p>	<p>The scrapbook cover is slightly stained. Pages are firmly attached although some of the edges are ragged. Chapters are marked by tabs.</p>
<p><b>Administrative/ Biographical Sketch</b></p>	<p>In 1906, the Hydro-Electric Power Commission of Ontario, was formed to supply municipal utilities with electricity generated by private companies</p> <p>Sir Adam Beck (a London, Ontario manufacturer, Mayor and Conservative member of the provincial legislature) was a champion of municipal and provincial power ownership. Beck became the "Power Minister" and chairman of the Hydro-Electric Power Commission of Ontario which was the world's first publicly owned utility.</p> <p>In 1925 the first unit of the Hydro Electric Power Commission's Queenston Chippawa hydro-electric development on the Niagara River went into service.</p> <p>The station was renamed in 1950 as "Sir Adam Beck #1". This marked the 25th anniversary of Beck's death. This is one of 2 generating stations in Niagara Falls. There is also Adam Beck Plant #2.</p> <p>The Niagara generating stations supply one quarter of all power used in New York State and Ontario.</p> <p>Ontario Hydro has two water tunnels which traverse the entire City of Niagara Falls from the Village of Chippawa in the South to the Sir Adam Beck Hydro Electric Generating Stations in the North. Also they are in the</p>

	<p>process of building the third tunnel. In addition, Ontario Hydro has a 13.6 km open canal which traverses the entire City of Niagara Falls.  Source: <a href="http://www.hydroone.com/OurCompany/Pages/OurHistory.aspx">http://www.hydroone.com/OurCompany/Pages/OurHistory.aspx</a> which already operated at Niagara Falls.</p>		
<b>Location:</b>	Brock University Archives		
<b>Source Information:</b>	Donated by Gary Ewart and Gail Dennis, Feb. 2, 2017		
<b>Related Material:</b>	<p>Niagara its Beauty and its Power by The Hydro-Electric Power Commission of Ontario – Special Collections and Archives F 127 N8 N637 1948</p> <p>Hydro Electric Commission of Niagara Falls Ontario Scrapbook, 1936-1939, 1943-1951 RG 426</p>		
<b>Described by:</b>	Anne Adams	<b>Date:</b>	Feb. 6, 2017