

1 Q. Please indicate the depreciation parameters being applied to the Granite  
2 Canal project, including service life, salvage values and any reserves for  
3 removal and restoration. Please indicate if and how these parameters differ  
4 from Hydro's existing hydraulic production plant.

5

6

7 A. The parameters to be used for the Depreciation of the Granite Canal project  
8 will be the same as Hydro's existing hydraulic production plants. Hydro has  
9 not made any provision for salvage value nor any reserves for removal and  
10 restoration of these assets. The Granite Canal project will be depreciated  
11 based on the service lives for the various types of assets at this facility.  
12 Hydro's service lives for hydraulic generation and transmission assets are as  
13 follows:

14

15

16

<b>Service Life</b>
<b><u>Years</u></b>

17

Generation Equipment:

18

Generators

50

19

Generator windings

25

20

Turbines & governors

50

21

Other Specialized Equipment:

22

Auxiliary & reservoir power supplies

30

23

Static excitation system

25

24

Switching equipment

50

25

Battery banks

15

26

Battery chargers

40

27

Station service elec. equipment

40

28

Control, metering & relayed equip.

30

1		<u>Years</u>
2	Cable trays & conduit	40
3	Control & power cables	40
4	Forebay lines	30
5	Hydro Structures:	
6	Hydraulic valves	50
7	Dams, dikes, intakes	100
8	Spillway & water regulating str.	75
9	Surge tanks	50
10	Canals & tailrace channel	100
11	Gates	50
12	Stop logs, trash racks	50
13	Timber booms	20
14	Penstocks	50
15	Other:	
16	Powerhouse crane	75
17	Land improvements	50
18	Roads	50
19	Bridges	25
20	Fencing	20
21	Fire fighting system	25
22	Outdoor lighting system	25
23	Sewage disposal system	25
24	Water drainage sump pump	25
25	Compressed air system	25
26	Cooling system	25
27	Underground storage tanks	25
28	Wood poles & lines	40

1		<u>Years</u>
2		
3	Steel towers and lines	50
4	Sub-stations:	
5	High voltage	40
6	Low voltage	30