

1 Q. Provide the same information as requested in questions 144-148 above for
2 the Roddickton mini-hydro plant.

3

4 A. **RE: IC-144**

5

6 At the time of the last rate referral the Roddickton mini-hydro plant was
7 connected to the isolated St. Anthony-Roddickton system and was
8 specifically assigned.

9

10 **RE: IC-145**

11

12 At the time of the 1992 Report, the Roddickton mini-hydro was specifically
13 assigned to Hydro Rural as part of the cost of service for all Isolated Rural
14 Systems.

15

16 **RE: IC-146**

17

18 In 1992, the Roddickton mini-hydro plant was classified 50% demand-related
19 and 50% energy-related, in accordance with the methodology approved by
20 the Board in April, 1992. The basis for hydraulic classification was changed
21 to system load factor following the Board's February, 1993 report.

22

23 **RE: IC-147**

24

25 1. The table below shows when the generating plants in question
26 became a part of the Island Interconnected System

1

Generation Source	Available to Island Interconnected System
Roddickton Mini Hydro	September 7, 1996

1

2

3

4

5

6

2. The Roddickton mini-hydro plant is a run of river plant and is used when water is available. It automatically shuts down when there isn't sufficient water for operation. It is used only as a system energy source and displaces the energy costs at Holyrood.

7

8

9

3. The table below shows the kWh generated, operating and maintenance costs and capital costs from 1996 to 2000.

Roddickton Mini Hydro

	Energy Produced (Gross kWh)	O&M Costs	Capital Costs
1996	386,350	\$809	
1997	845,400	\$12,455	
1998	1,386,000	\$3,686	\$6,195
1999	1,146,000	\$13,812	
2000	792,600	\$18,011	

10

1 **RE: IC-148**

2

3 The annual revenue for Roddickton mini-hydro was determined using the
4 same methodology as IC-148. See table below.

Year	Roddickton Mini Hydro
1996	\$16,652
1997	\$37,282
1998	\$64,449
1999	\$56,633
2000	\$35,984