1.0 Reference: None

1.0 Please provide the average annual electricity consumption per residential account in:

a. North Central BC (or rough approximation of the region from 100 Mile House north to the Yukon and NWT borders.)

RESPONSE

Using the information available from BC Hydro's billing system, we have North Central BC is defined as consisting of:

- Burns Lake
- Valemount
- Prince George
- Mackenzie
- Vanderhoof
- Chetwynd
- Dawson Creek
- Fort Saint John
- Fort Nelson
- Atlin
- Dease Lake
- Eddontenajon
- Telegraph Creek
- Quesnel
- Williams Lake
- 100 Mile House
- Bella Bella
- Bella Coola
- Anahim Lake
- Prince Rupert
- Smithers
- Terrace
- Masset
- Sandspit

In fiscal year 2002/03, the average billed annual electricity consumption per residential account in North Central BC was 10,436 kWh per account. On a weather normalized basis, it is estimated that the consumption was 10,494 kWh per account.

b. The Lower Mainland region

RESPONSE

The Lower Mainland region is defined as consisting of:

- Vancouver and the University Endowment Lands.
- Burnaby
- North Shore
- Powell River
- Sechelt
- Squamish
- Coquitlam
- Langley
- Surrey
- Delta
- Richmond
- Abbotsford
- Hope

In fiscal year 2002/03, the average billed annual electricity consumption per residential account in the Lower Mainland region was 9,818 kWh per account. On a weather normalized basis, it is estimated that the consumption was 9,916 kWh per account.

c. The entire BC Hydro service area.

In fiscal year 2002/03, the average billed annual electricity consumption per residential account in the entire BC Hydro service area was 10,666 kWh per account. On a weather normalized basis, it is estimated that the consumption was 10,790 kWh per account.

2.0 Please provide the percentage of residential accounts which have installed electric space heating in:

a. North Central BC
b. The Lower Mainland region
c. The entire BC Hydro service area

RESPONSE

According to the BC Hydro billing file, as of March 2003, the percentage of accounts which have electricity as their primary fuel for space heating is:

a. North Central BC 17.0%
b. The Lower Mainland region 13.3%
c. The entire BC Hydro service area 19.7%

According to the Residential End Use Survey released on July 19, 2001, the percentage of accounts which have electricity as their primary fuel for space heating is:

a. North Central BC 14%
b. The Lower Mainland region 27%
c. The entire BC Hydro service area 30%

For the purpose of producing a forecast, where the object is to predict what the billing file will report, percentages from the billing file are used. However, the percentages from the Residential End Use Survey are probably a more accurate reflection of reality.

3.0 Please provide the percentage of residential accounts which have piped natural gas available in:

a. North Central BC
b. The Lower Mainland Region
c. The entire BC Hydro service area

RESPONSE

According to the Residential End Use Survey released on July 19, 2001, the percentage of accounts which have natural gas as their primary fuel for space heating is:

a. North Central BC 68%
b. The Lower Mainland region 67%
c. The entire BC Hydro service area 56%