

**TABLE 17
UTILITIES FOR DISTRICT OF MAPLE RIDGE**

Water & Sewer			
Water Availability			
Major Source	Coquitlam watershed		
% of Population Increase Served from the Source			
Water Treatment			
Name of Provider	Maple Ridge Water Service	Purchases from Greater Vancouver Water District	
Rated Capacity (cubic meters; million imperial gallons)	12.1 million cubic metres/year; 2.7 billion imperial gals/year		
Average Daily Demand (cubic meters per day; million imperial gallons per day)	33,150 cubic metres per day; 7.3 million imperial gals per day		
Peak Demand (mgd)	na		
Chemical Breakdown of Water			
Cost per cubic metre, per 1000 Gallons -- industrial	Sum of use rate (\$293), water consumption charge (\$.5026 per cubic m), and quarterly base rate which varies by connection size		
Water Connection Fee	\$1,150; \$1,350 with meter	flat rate for up to 20 mm diameter; over 20 mm diameter is estimated at cost plus 20%	
Sewer Treatment			
Name of Provider	District of Maple Ridge treatment plant		
Type of Service	na -- varies by developmen		
Rated Capacity (mgd)	"		
Average Daily Demand (mgd)	"		
Peak Demand (mgd)	"		
Cost per 1000 Gallons	72.82% of metre rate for water		
Sewer Connection Fee	flat rate for up to 100 mm diameter; over 100 mm diam. & connection of N/S slope interceptor shall be at cost plus 20%		
Electric Power			
Name of Company	British Columbia Hydro		
Communities Served	95% of BC communities		
Company-Net Importer or Exporter of Power	varies	BC Hydro imports for domestic use were 749 GWh in 3Q06; net exports were 679 GWh in same period.	<i>see notes in data sources</i>
% of Reserve Margin Including Generation & Net Purchases	na		
Name of Power Pool Membership	BC system interconnected with systems in Alta and western US		
Provincial Electric Power Deregulated	Provincial Crown corporation reporting to the BC Minister of Energy and Mines		

1 cubic m = 100kg = 220.4 gallons

calc: imperial gallons/yr 2,666,840,000
cubic m/day 33,151
gallons/day 7,306,411

Rates and Average Cost per kWh (cents)	Small	Medium	Large
General Service (Commercial)	<35 kW for 2 mos.	35 kW + for 1 month	
Basic charge per month (C\$)	\$9.09 for 2 month period	\$4.55 month; first 35 kW for nil	na
Demand charge (C\$)	\$0.712 kWh	next 115 kW at \$3.64 per kW; all additional kW at \$6.99 per kW	na
Energy charge (C\$)	na	first 14,800 kWh \$0.0712 per kWh; all additional kWh \$0.0342 per kWh	na

Minimum charge (C\$)	\$13.41 for 2 months	greater of \$13.41/mo. Or 50% of highest max. demand charge billed in any month within an on-peak period during preceding 11 months	see data sources for weblink to discount information
Industrial			
Demand charge (C\$)	\$4.866 per kVA of billing demand; \$0.02569 per kWh applied to all kWh up to and including 90% of the customer's baseline load (CBL) in each billing year		
Energy charge (C\$)	\$0.054 per kWh applied to all kWh above 90% of the customer's baseline load (CBL) in each billing year		
Minimum charge (C\$)	\$4.866 per kVA of billing demand		
Natural Gas			
Name of Provider	Terasen Gas		
Rate Territory	Lower Mainland		
Type of Customer	General Firm Service (Rate Schedule 5)		
Firm Contract Rates (effective January 1, 2007)			
Basic charge per month	C\$542		
Demand Charge per 000 cubic feet (Mcf)	C\$13.543		
Delivery and Gas Charge	C\$8.69		
Telecommunications			
Provider	Telus		
Address	#5 - 3777 Kingsway Burnaby, BC V5H 3Z7		
Service Characteristics			
Switch Technology	Digital		
Fiber Service Provided	Yes		
100 Mbps LAN Service Available	Yes		
Monitoring	Remotely		
ISDN Available	Yes		
ADSL Available	Yes, in some parts of Maple Ridge - depends on location		
ADS2 Available from this Switch	Yes, in some parts of Maple Ridge - depends on location		
Central Office on Self-Healing Fiber Ring	na		
Dual Feed from 2 Separate Switching Offices Available	na		
Multiple Route Diversity	na		
Points of Presence (POPs) of Long Distance Carriers			
Carrier	City	County	Address
several			
Microwave or Hardwire	na		
Dual Fiber Fee from the Central Switching Office of the Local Exchange Carrier	na		
Diverse Routing Available	na		
Business Support Services (#)			
Metal	19		
Machine Shop	10		
Welding	4		
Office Equipment Service & Repair	1		
Temporary Employment Services	2		