

Northeast Development Region

Updated April 30, 2008

BC Stats

Ministry of Labour and Citizens' Services

Tel : (250) 387-0327 Fax: (250) 387-0329



REGION AT A GLANCE

Physical Geography : Mountains in the south and west give way to generally flat northern plains, deeply incised by river valleys.

Land Area in Sq. km. : 202,910

Population Density / Sq. km. (2007) : 0.3

Economic Base : Grain farming, beef ranching, mining (including oil and gas), forestry.

Selected Demographic Characteristics												
Year	Population by age group, Thousands of persons							H'seholds (,000)	Dependency Ratios			Year
	0-4	5-17	18-24	25-44	45-64	65+	All Ages		Child	Elderly	Total	
1981	5.7	13.9	9.6	17.7	7.7	2.4	56.9	17.8	0.560	0.068	0.627	1981
1986	6.0	13.5	7.6	20.5	8.9	2.8	59.3	20.1	0.529	0.077	0.605	1986
1991	5.6	13.4	6.5	21.3	9.8	3.5	60.0	20.8	0.506	0.093	0.600	1991
1996	5.6	14.3	6.7	22.9	11.4	4.0	64.9	22.6	0.487	0.097	0.584	1996
2001	4.7	14.2	6.4	20.7	12.9	4.7	63.4	23.1	0.473	0.117	0.590	2001
2006	4.7	12.7	7.8	21.1	16.1	5.4	67.7	25.9	0.388	0.119	0.507	2006
2011	4.9	12.5	6.9	22.3	18.9	6.7	72.2	28.0	0.360	0.139	0.499	2011
2016	4.9	12.8	6.8	23.2	20.6	8.5	76.8	30.3	0.350	0.169	0.519	2016
2021	4.6	13.2	6.5	23.5	21.6	10.9	80.3	32.3	0.346	0.212	0.558	2021
2026	4.5	13.0	6.8	22.6	22.3	13.9	83.1	34.3	0.338	0.268	0.606	2026
2031	4.4	12.4	7.0	21.3	23.6	16.5	85.3	36.1	0.325	0.317	0.643	2031
2036	4.4	12.1	6.9	21.2	24.1	18.2	86.8	37.6	0.316	0.349	0.665	2036

Age groups reflect pre-school, school, advanced education, family formation, mature workers and retired.

Child Dependency = (age group 0 - 17) / (age group 18 - 64) Elderly Dependency = (age group 65+) / (age group 18 - 64)

Source: BC Stats projection P31 (Summer/07). P31 data are adjusted for estimated census undercount.

Building Permits							
Year	Total	Non Residential			Residential	Total Permits Index 2003=100	
		Total	Industrial	Commercial		Institutional & Gov't	Units
-- \$ Millions -->							Index
2000	55.2	27.5	3.3	20.7	3.5	27.8	241
2001	59.5	34.3	1.7	16.0	16.6	25.2	189
2002	46.7	26.0	5.0	19.5	1.5	20.7	133
2003	55.6	28.1	6.8	19.9	1.3	27.5	253
2004	105.9	69.6	49.0	18.7	1.9	36.3	187
2005	149.1	104.4	30.8	66.7	6.9	44.6	230
2006	202.4	121.1	5.1	102.2	13.7	81.3	418
2007	163.7	72.8	26.8	31.5	14.5	90.9	571
Jan-Feb 07	19.6	13.1	7.5	5.6	0.0	6.5	157
Jan-Feb 08	9.3	2.2	0.6	1.3	0.3	7.1	29

Not all projects require a building permit; not all municipalities & regions report. Monthly data preliminary.

Source : Statistics Canada (data collected from municipal and Regional District offices).

Note: Latest month is preliminary; month previous to latest month is revised.

March 2008

British Columbia Major Projects Inventory

© Ministry of Economic Development

Page 113

Northeast Development Region



Population of Municipalities

		2004	2005	2006	2007
		Estimate	Estimate	Estimate	Estimate
Northeast		66,477	66,837	67,612	68,683
Fort St. John	C	17,291	17,739	18,249	18,774
Dawson Creek	C*	11,274	11,336	11,563	11,811
Fort Nelson	T*	4,618	4,707	4,735	4,622
Chetwynd	DM	2,667	2,689	2,769	2,679
Tumbler Ridge	DM	2,373	2,406	2,552	2,490
Taylor	DM	1,328	1,395	1,444	1,460
Hudson's Hope	DM	1,102	1,082	1,066	1,062
Pouce Coupe	VL*	786	784	782	785
Unincorporated	RDR	25,038	24,699	24,452	25,000

C=City, T=Town, VL=Village, DM=District Municipality, IM=Island Municipality; * Denotes boundary change between Jul 1, 2004 and June 30, 2007; figures contain estimates for net census undercount; all figures correspond to municipal boundaries as of July 1st of year stated; source - Population Section, BC Stats.

STATUS: PROPOSED**Chetwynd****Pine River Gas Processing Plant Expansion**

Spectra Energy Corp. Ph: (604) 691-5500
Proposed expansion to plant to allow processing of an additional 40 million cubic ft of natural gas per day.

Status: Proposed	Start: ?
Est. Cost (\$ million): 50	Finish: ?
First Entry: Dec 2007	Last Update: Mar 2008
Project ID: 2107	

Chetwynd**Wildmare Wind Energy Project**

Finavera Renewables Inc. Ph: (604) 288-9051
Proposed 74 MW wind energy project consisting of approximately 37 wind turbines located 8 km northwest of Chetwynd. The project may be submitted for the BC Hydro 2008 call for power. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed	Start: ?
Est. Cost (\$ million): 150	Finish: ?
First Entry: Jun 2007	Last Update: Mar 2008
Project ID: 1984	

Chetwynd area**Wartenbe Wind Energy Project**

Dokie Wind Energy Inc. Ph: (250) 381-1208
Proposed 70.5 MW wind farm in a location south of the WAC Bennett Dam. The proponent plans to submit a bid for the next BC Hydro call for power. The project has received certification under the Environmental Assessment Act.

Status: Proposed	Start: Fall 2008
Est. Cost (\$ million): 140	Finish: 2011
First Entry: Jun 2005	Last Update: Dec 2007
Project ID: 1390	

Chetwynd region**Lossan Coal Mine**

Cline Mining Corporation Ph: (705) 560-8100
Proposed mine to be built in phases to produce 1 million tonnes of PCI (pulverized injection coal) and coking coal annually. Located 72 km Southwest of Chetwynd in the Axis Creek drainage. A feasibility study has completed and the mine permitting process is underway. Website: www.clinemining.com

Status: Proposed	Start: Fall 2008
Est. Cost (\$ million): 57	Finish: Late 2009
First Entry: Dec 2004	Last Update: Mar 2008
Project ID: 1230	

Fort St. John**Hackney Hills Wind Park**

Aeolis Wind Power Corporation Ph: (250) 655-0330
Proposed 1000 MW wind park project located east of Fort St. John. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed	Start: ?
Est. Cost (\$ million):	Finish: ?
First Entry: Sep 2007	Last Update: Dec 2007
Project ID: 2037	

Fort St. John**Peace River Site C Dam**

BC Hydro Ph: (250) 365-4562
Site C is a potential third dam and 900 megawatt hydroelectric generating station on the Peace River approximately 7 kilometres southwest of Fort St. John. It would be capable of producing approximately 4,600 gigawatt-hours of electricity annually - about 8 percent of BC Hydro's current electricity needs. Site C would deliver firm electricity with a high degree of flexibility. Site C was examined as a resource option over 25 years ago, however much more research and consultative work remains to be done, including technical work to bring existing information up to date. A multi-stage review process has been established for looking at Site C. Stage 1, which involved a high level review of existing information, has been completed. BC Hydro has now started Stage 2 of the review which will include extensive consultations with First Nations, the public, and other jurisdictions. If the review moves beyond Stage 2, subsequent stages would include investigations to support an application for an Environmental Assessment Certificate and applications for other required permits and approvals. The review process leading to a decision on Site C will take about five years. A final decision by government on whether to proceed will be made when all aspects of the project are fully understood. If approved, construction would take about seven years. Capital cost listed is an interim project cost estimate reported by BC Hydro in Dec 2007.

Status: Proposed	Start: 2012
Est. Cost (\$ million): 6600	Finish: 2019
First Entry: Sep 2007	Last Update: Mar 2008
Project ID: 1103	

Fort St. John**Station 44 Power Centre**

G8 Properties Ph: (250) 787-8150 (Fort St John City)
Proposed development on 220 acres located on the Alaska Hwy near Fort St. John. Project includes a power centre with big box stores over 80 acres. A hotel, truck centre and mixed density residential will comprise the remainder of the development. Estimated cost shown is for commercial development portion of project.

Status: Proposed	Start: Spring 2008
Est. Cost (\$ million): 115	Finish: 2010
First Entry: Dec 2006	Last Update: Sep 2007
Project ID: 1894	

Fort St. John To Taylor**South Peace Pipeline**

Spectra Energy Corp. Ph: (604) 691-5500
Proposed 85 km gas pipeline to extend from Fort St. John to McMahon processing plant in Taylor.

Status: Proposed	Start: Summer 2008
Est. Cost (\$ million): 100	Finish: Fall 2009
First Entry: Dec 2007	Last Update: Mar 2008
Project ID: 2106	

Hudson Hope**Gething Coal Project**

Canadian Dehua International Mines Group Inc. Ph: (604) 697-0118
Proposed coal mine with coal preparation plant will have a production rate of 2 million tonnes per year over a 40 year mine life. Environmental baseline studies, additional engineering and exploration will continue through 2007. Website: www.dehua.ca

Status: Proposed	Start: ?
Est. Cost (\$ million): 150	Finish: ?
First Entry: Mar 2007	Last Update: Mar 2008
Project ID: 1932	

8. Northeast

Hudson's Hope

Torwood Lodge Expansion

Torwood Lodge Ph: (250) 483-4205
Proposal to expand Torwood lodge with a golf course, RV park and 300 unit residential subdivision would require an application for 160 ha of Crown land if an expression of interest is accepted.

Status: Proposed Start: ?
Est. Cost (\$ million): Finish: ?
First Entry: Jun 2007 Last Update: Mar 2008
Project ID: 2001

North Of Mackenzie

McGregor River and Herrick Creek Hydroelectric Project

TransCanada Energy Ltd. Ph: (250) 387-8745
CanGen Power Ltd. is proposing two run of river hydro projects: a 49.8 MW facility on the McGregor River in the Prince George region and a 33.2 MW facility on one Herrick Creek and 110 km of transmission line connecting the facilities. In the pre-application stage of the BC Environmental Assessment Act review.

Status: Proposed Start: ?
Est. Cost (\$ million): 200 Finish: ?
First Entry: Mar 2005 Last Update: Mar 2008
Project ID: 1293

Peace River

Biodiesel Production Plant

Ph: (250) 784-3200 (Peace River Regional District)
Proposed biodiesel production plant located in the Peace River region would use non-chemical oil extraction processes. The project is the result of a recommendation by the BC Grain Growers Assn's study.

Status: Proposed Start: ?
Est. Cost (\$ million): 22 Finish: ?
First Entry: Jun 2007 Last Update: Mar 2008
Project ID: 2008

Tumbler Ridge

Quality Wind Farm

Epcor Utilities Inc. Ph: (780) 412-3414
Proposed 100 to 200 MW wind project with 60 to 120 turbines and 18 to 25 km of transmission lines, 10 Km NE of Tumbler Ridge. Currently in pre-application under the BC Environmental Assessment Act.

Status: Proposed Start: 2009
Est. Cost (\$ million): 300 Finish: 2011
First Entry: Mar 2008 Last Update: Mar 2008
Project ID: 2130

Tumbler Ridge

Roman Coal Mine

Peace River Coal Inc. Ph: (604) 684-9288
Proposed open pit coal mine with a production capacity from 2 to 4 million tonnes per year. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): 250 Finish: ?
First Entry: Sep 2007 Last Update: Mar 2008
Project ID: 2042

Tumbler Ridge

Thunder Mountain Wind Park

Aeolis Wind Power Corporation Ph: (250) 655-0330
Proposed 1500 MW wind park project located southeast of Tumbler Ridge. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): Finish: ?
First Entry: Sep 2007 Last Update: Mar 2008
Project ID: 2040

Tumbler Ridge

Bullmoose Wind Energy Project

Finavera Renewables Inc. Ph: (604) 288-9051
Proposed 112 MW wind energy project consisting of approximately 56 wind turbines located 26 km west of Tumbler Ridge. The project may be submitted for the BC Hydro 2008 call for power. Currently in the pre-application phase under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): 225 Finish: ?
First Entry: Jun 2007 Last Update: Mar 2008
Project ID: 1983

Tumbler Ridge

Mount Clifford Wind Energy Project

Finavera Renewables Inc. Ph: (604) 288-9051
Proposed 80 MW wind energy project consisting of approximately 40 wind turbines located 45 km south of Tumbler Ridge. The project may be submitted for the BC Hydro 2008 call for power. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): 160 Finish: ?
First Entry: Jun 2007 Last Update: Mar 2008
Project ID: 1986

Tumbler Ridge

Tumbler Ridge Wind Energy Project

Finavera Renewables Inc. Ph: (604) 288-9051
Proposed 100 MW wind energy project consisting of approximately 50 wind turbines located 10 km southwest of Tumbler Ridge. The project may be submitted for the BC Hydro 2008 call for power. Project is in the pre-application phase under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): 200 Finish: ?
First Entry: Jun 2007 Last Update: Mar 2008
Project ID: 1985

Tumbler Ridge

Wapiti Coal Mine

Hillsborough Resources Limited Ph: (604) 684-9288
Proposed Wapiti coal mine on 5500 ha with measured and indicated reserves of 80 million tonnes. A revised project description, that will reflect mine development for the export market, will be submitted for approval under the Environmental Assessment Act.

Status: Proposed Start: 2009
Est. Cost (\$ million): Finish: 2010
First Entry: Mar 2007 Last Update: Jun 2007
Project ID: 1961

Tumbler Ridge area**Hermann Coal Mine**

Western Canadian Coal Corp Ph: (604) 608-2692
Proposed open pit coal mine to include mining the Hermann deposits located on four Coal Licenses in the southern portion of the Wolverine property. The estimated production capacity is 1 million tonnes/year with a 5 to 7 year mine life. Project is in the review stage under the Environmental Assessment Act.

Status: Proposed Start: ?
Est. Cost (\$ million): 60 Finish: ?
First Entry: Mar 2005 Last Update: Mar 2008
Project ID: 1318

Tumbler Ridge area**Horizon Mine Coal Project**

Hillsborough Resources Ltd Ph: (604) 684-9288
Proposed coal mine development in the Tumbler Ridge area with the capacity of 1.6 million tonnes per year over a 20 year mine life. Project includes constructing a wash plant and loadout facilities. The exploration program is well underway. In the pre-application stage of BC Environmental Assessment Act. Website: www.westerncoal.com

Status: Proposed Start: Fall 2008
Est. Cost (\$ million): 30 Finish: 2009
First Entry: Mar 2005 Last Update: Mar 2008
Project ID: 1354

Tumbler Ridge area**Lillyburt Property - Belcourt/ Saxon Coal Mines**

Western Canadian Coal Corp/NEMI Northern Energy & Mining Inc.
Ph: (604) 608-2692
Two proposed coal mining projects in close proximity to one another. Located approx. 85 km south of Tumbler Ridge. The Saxon and Belcourt group of deposits indicate that an excess of 150 million tonnes of coal is accessible. Mines may share some common facilities, such as a wash plant and loadout facilities. Exploration programs have been expanded. Website: www.westerncoal.com

Status: Proposed Start: Fall 2008
Est. Cost (\$ million): 100 Finish: 2009
First Entry: Mar 2005 Last Update: Mar 2008
Project ID: 1332

STATUS: ON HOLD**Tumbler Ridge****AESWapiti Power Project**

Hillsborough Resources Ltd/AES Pacific Inc Ph: (604) 684-9288
The energy generation project would include a 184 MW thermal electric power plant and a 35 kilometre, 230 kV transmission line, and would have a contemplated project life of at least 40 years. Fuel for the energy generation facility would be supplied by the Wapiti coal mine for which regulatory approvals are being sought by Hillsborough (see separate entry - Wapiti Coal Mine). The power project was selected in BC Hydro's 2006 call for power, however, the project is currently on hold due to the BC government's recent policy change to require 100% carbon sequestration for any coal-fired project. Website: www.hillsboroughresources.com

Status: On hold Start: ?
Est. Cost (\$ million): 500 Finish: ?
First Entry: Mar 2006 Last Update: Mar 2008
Project ID: 1709

STATUS: CONSTRUCTION STARTED**Chetwynd area****Dokie Wind Farm Project**

Dokie Wind Energy Inc. Ph: (250) 381-1208
Proposed 300 MW wind farm with preliminary plans for 200, 1.5 MW turbines on a site south of the WAC Bennett Dam has received an Environmental Assessment certificate in Aug 2006. The project has been selected in the BC Hydro 2006 call for power.

Status: Construction started Start: Early 2008
Est. Cost (\$ million): 600 Finish: 2010
First Entry: Jun 2005 Last Update: Mar 2008
Project ID: 1389

Dawson Creek**Rotary Manor Seniors Care Extension**

Northern Health Authority Ph: (250) 784-3600 (City of Dawson Creek)
Proposed 54-bed seniors care wing to be added to the Rotary Manor facility. A portion of the project will be funded by Peace River Regional Hospital District. Tendering is expected to be awarded July 2007.

Status: Construction started Start: Fall 2007
Est. Cost (\$ million): 26 Finish: Fall 2008
First Entry: Dec 2006 Last Update: Dec 2007
Project ID: 1872

Dawson Creek**Bear Mountain Wind Park Project**

Bear Mountain Wind LP Ph: (403) 691-7534
The Project involves the construction of a 120 MW wind park consisting of wind turbines, access roads, a transmission network and substation located 16 kilometres southwest of the City of Dawson Creek. Project has been certified under the BC Environmental Assessment Act, this project has been selected in the BC Hydro 2006 call for power.

Status: Construction started Start: Fall 2007
Est. Cost (\$ million): 240 Finish: 2010
First Entry: Mar 2006 Last Update: Mar 2008
Project ID: 1713

Dawson Creek**South Peace Community Multiplex**

City of Dawson Creek Ph: (250) 784-3600
230,000 sq ft community multiplex development to be located on Hwy 2. Plans include an aquatic centre with an 8-lane, 25 m pool and leisure area, riding arena, Agri-Centre, and a 6,500-seat event and conference centre. Architect: Field, Field, and Field Architects. Website: www.southpeacemultiplex.com

Status: Construction started Start: Apr 2005
Est. Cost (\$ million): 32 Finish: Jun 2008
First Entry: Dec 2004 Last Update: Mar 2008
Project ID: 1251

Fort St. John**Enerplex Sports Centre**

Fort St. John City Ph: (250) 787-8150 (City of Fort St. John)
Facility for a new Olympic speed skating training facility with twin hockey rinks - one NHL-size and one Olympic-size. The new facility will also include athlete services and movable bleachers that will provide seating for up to 1,000 spectators. The Provincial government is contributing funds to the facility. A public referendum passed in Jun 2006.

Status: Construction started Start: Nov 2006
Est. Cost (\$ million): 38 Finish: Fall 2009
First Entry: Jun 2005 Last Update: Mar 2008
Project ID: 1382

8. Northeast

Hudson Hope

George M Shrum Generating Facility - Stator Replacement

BC Hydro Ph: (250) 549-8550

Replacement of stators in units 1-4, starting with units 3 and 4. Ahlstrom was awarded the supply and installation contract.

Status: Construction started	Start: Summer 2006
Est. Cost (\$ million): 78	Finish: 2010
First Entry: Sep 2006	Last Update: Dec 2007
Project ID: 1843	

Hudson Hope

Peace Canyon Turbine Upgrade

BC Hydro Ph: (250) 549-8550

Peace Canyon facility turbine upgrade of Units 1-4 and refurbishment of generator units 1 thru 4. The generator refurbishment is being conducted by the original equipment supplier (Mitsubishi) and the turbine work was awarded to VA Tech.

Status: Construction started	Start: Jun 2006
Est. Cost (\$ million): 112	Finish: 2010
First Entry: Sep 2006	Last Update: Dec 2007
Project ID: 1842	

S T A T U S : C O M P L E T E D

Fort St. John

Hotel, Convention and Chances Gaming Centre

0713500 BC Ltd Ph: (250) 787-8150 (Fort St John City)

14 storey multi-family complex, 126 room Pomeroy hotel, and a gaming centre to be located on 112th St. Gaming centre completed in Sep 2007.

Status: Completed	Start: Summer 2006
Est. Cost (\$ million): 100	Finish: Early 2008
First Entry: Mar 2005	Last Update: Mar 2008
Project ID: 1348	