



Alberta Coal Industries

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Definitions

Subbituminous coal has a moist, mineral-matter-free heating value of 19.3 to 26.7 megajoules per kilogram and is non-agglomerating. It is mined in the Plains Region and is used mainly (in as-mined condition) as a fuel for mine site electricity generating stations. Some is also used for domestic purposes.

Bituminous coal, metallurgical is a generally agglomerating coal suitable for coke making, although some oxidized or high ash coal may be used for non-metallurgical purposes. It has a moist, mineral-matter-free heating value of more than 26.7 megajoules per kilogram. It is mined in the Mountain Region for export from the province.

Bituminous coal, thermal is a non-agglomerating coal with a moist, mineral-matter-free heating value of more than 26.7 megajoules per kilogram. It is mined in the Foothills Region for export from the province.

Raw coal is unprocessed coal as loaded in the mine. It is also known as run of mine coal (R.O.M.).

Clean coal is a processed coal giving a clean uniform product.

Marketable coal is subbituminous raw coal and bituminous raw and clean coal, including by product, delivered.

Unit of Measurement

Tonnes

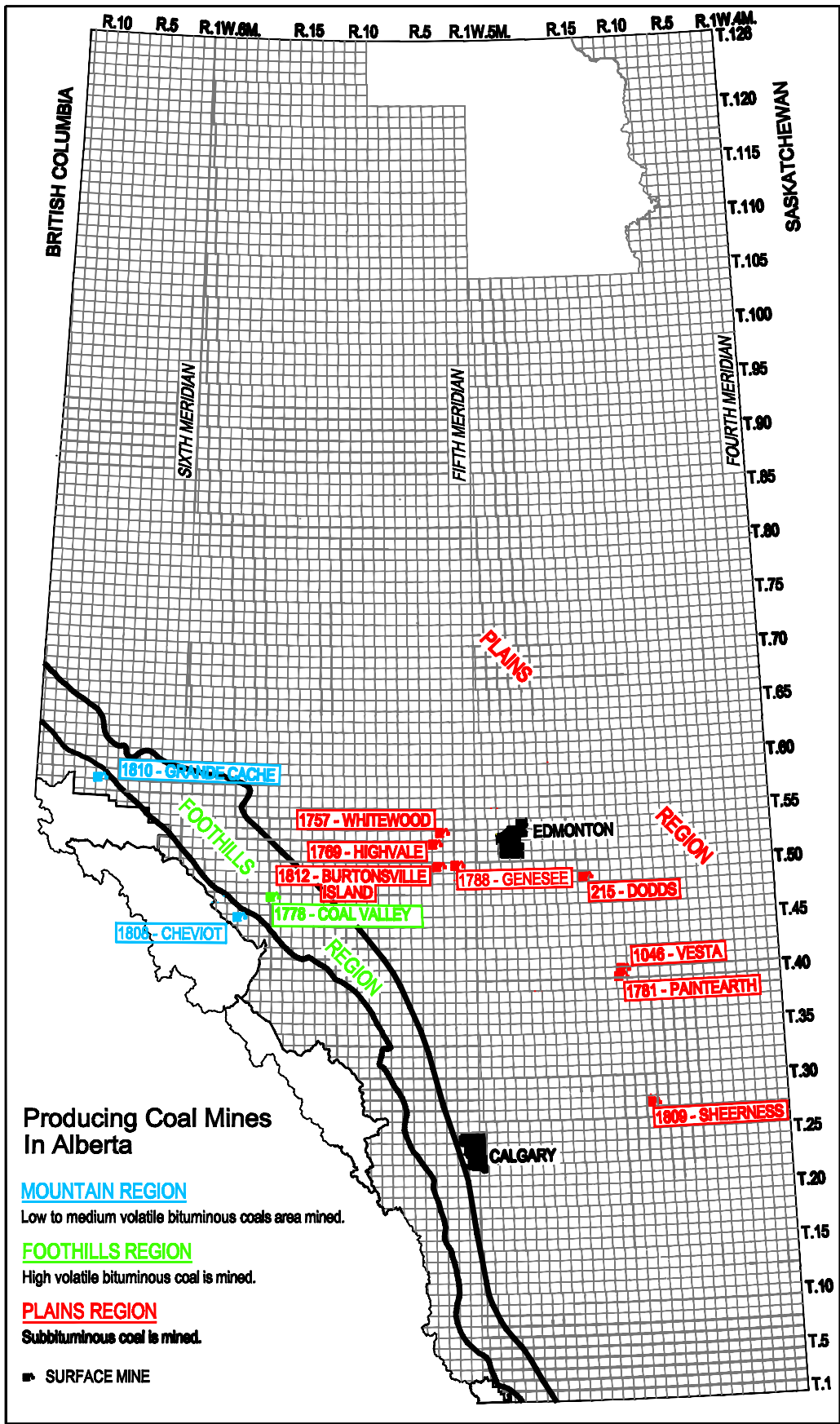
where 1 tonne = 1000 kilograms
= 1.10231 short tons
= 0.98421 long tons

Sub-Bituminous Coal Producers

Company Name ERCB Mine No.	Type	Common Name	Location
Prairie Mines & Royalty Ltd.			
Mine No. 1781	Surface	Paintearth	Halkirk
Mine No. 1809	Surface	Sheerness	Sheerness
Mine No. 1046	Surface	Vesta	Cordel
Epcor Power Development Corporation			
Mine No. 1788	Surface	Genesee	Genesee
Transalta Corporation			
Mine No. 1757	Surface	Whitewood	Wabamun
<i>Whitewood Mine No. 1757 is closed effective April 2010</i>			
Mine No. 1769	Surface	Highvale	Wabamun
Dodds Coal Mining Co. Ltd.			
Mine No. 0215	Surface	Dodds	Ryley
Keephills Aggregate Co. Ltd.			
Mine No. 1812	Surface	Burtonsville Island	Burtonsville Island

Bituminous Coal Producers

Company Name ERCB Mine No.	Type	Common Name	Location
Cardinal River Coals Ltd.			
Mine No. 1768	Surface	Luscar	Luscar
Mine No. 1808	Surface	Cheviot	Mountain Park
Coal Valley Resources Inc.			
Mine No. 1778	Surface	Coal Valley	Coal Valley
Mine No. 1791	Surface	Obed Mountain	Hinton
Grande Cache Coal Corp.			
Mine No. 1810	Both Surface & Underground	Grande Cache	Grande Cache



Production of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Surface Mines													
Epcor Power - Genesee	434 945	591 543	611 546	350 909	337 185	428 603	457 755	270 887	345 177	541 647	606 997	573 062	5 550 256
Prairie Mines - Paintearth and Vesta	330 880	273 612	305 108	233 695	244 573	132 825	288 818	264 037	244 937	282 642	274 250	261 257	3 136 634
Prairie Mines Sheerness	276 307	185 591	256 994	178 708	197 726	335 915	299 203	299 267	281 366	320 465	289 059	339 410	3 260 011
TA - Highvale	803 643	938 045	924 775	867 727	918 707	986 161	1 062 839	1 103 856	955 855	1 190 458	1 237 834	1 202 898	12 192 798
TA - Whitewood	82 561	75 930	64 045	0	0	0	0	0	0	0	0	0	222 536
	1 928 336	2 064 721	2 162 468	1 631 039	1 698 191	1 883 504	2 108 615	1 938 047	1 827 335	2 335 212	2 408 140	2 376 627	24 362 235
Dodds Coal Mining Co. Ltd.	16,463	13,598	10,770	6,235	0	0	0	0	6,694	9,519	18,179	18,462	99 921
Keephills Aggregate Co. Ltd.	2 430	1 490	1 599	0	1 275	265	5 380	210	4 970	1 012	10 250	2 121	31 002
	18 893	15 088	12 369	6 235	1 275	265	5 380	210	11 664	10 531	28 429	20 583	130 923
Total Production	1 947 229	2 079 809	2 174 837	1 637 274	1 699 466	1 883 769	2 113 995	1 938 257	1 838 999	2 345 743	2 436 569	2 397 210	24 493 158

Supply and Disposition of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Supply													
Opening Inventory	4 306 064	3 962 560	3 987 602	3 995 379	3 827 184	3 849 555	3 900 350	4 109 544	3 979 969	3 744 848	4 042 912	4 365 909	4 306 064
Production	1 947 229	2 079 809	2 174 837	1 637 274	1 699 466	1 883 769	2 113 995	1 938 257	1 838 999	2 345 743	2 436 569	2 397 210	24 493 158
Reclaimed	0	0	0	0	0	600	0	0	0	400	0	0	1 000
	6 253 293	6 042 369	6 162 439	5 632 653	5 526 650	5 733 924	6 014 345	6 047 801	5 818 968	6 090 991	6 479 481	6 763 119	28 800 222
Closing Inventory	3 962 560	3 987 602	3 995 379	3 827 184	3 849 555	3 900 350	4 109 544	3 979 969	3 744 848	4 042 912	4 365 909	4 568 899	4 568 899
Total Supply	2 290 733	2 054 767	2 167 060	1 805 469	1 677 095	1 833 574	1 904 801	2 067 832	2 074 120	2 048 079	2 113 572	2 194 220	24 231 323
Disposition													
Used in Operation	58	32	35	28	0	0	0	0	0	79	34	83	349
Discard	3 528	3 692	1 793	951	0	0	0	0	1 113	1 779	2 901	3 690	19 447
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
	3 586	3 724	1 828	979	0	0	0	0	1 113	1 858	2 935	3 773	19 796
Deliveries													
Alberta													
Residential/Commercial	123 735	20 833	143 518	91 765	82 420	75 033	115	192	6 665	9 178	17 032	16 883	587 369
Industrial	13 408	17 092	18 447	1 233	8 992	18 705	17 390	17 436	14 469	16 160	16 330	10 078	169 740
Electric Energy Generation	2 150 004	2 013 118	2 003 267	1 711 493	1 585 683	1 739 836	1 887 296	2 050 204	2 051 873	2 020 884	2 077 275	2 163 486	23 454 419
	2 287 147	2 051 043	2 165 232	1 804 491	1 677 095	1 833 574	1 904 801	2 067 832	2 073 007	2 046 222	2 110 637	2 190 447	24 211 528
Total Deliveries	2 287 147	2 051 043	2 165 232	1 804 491	1 677 095	1 833 574	1 904 801	2 067 832	2 073 007	2 046 222	2 110 637	2 190 447	24 211 528
Total Disposition	2 290 733	2 054 767	2 167 060	1 805 469	1 677 095	1 833 574	1 904 801	2 067 832	2 074 120	2 048 079	2 113 572	2 194 221	24 231 324

Production of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Underground Mine													
Grande Cache Corp.	76 832	67 124	60 849	73 488	86 002	58 636	74 062	58 448	69 425	79 566	64 124	63 010	831 566
Surface Mines													
Cardinal River Coals Ltd.	264 460	263 323	234 589	231 646	194 509	234 260	217 457	287 461	265 440	198 063	194 480	169 397	2 755 085
Grande Cache Corp.	137 377	131 660	131 009	93 915	60 922	67 806	75 503	116 002	119 801	121 319	137 596	104 263	1 297 173
	401 837	394 983	365 598	325 561	255 431	302 066	292 960	403 463	385 241	319 382	332 076	273 660	4 052 258
Total Production	478 669	462 107	426 447	399 049	341 433	360 702	367 022	461 911	454 666	398 948	396 200	336 670	4 883 824

Production of Bituminous Thermal Raw Coal (tonnes)**Surface Mines**

Coal Valley Resources Inc. - Coal Val	618 080	553 795	623 690	668 580	617 162	634 910	595 694	614 785	589 660	609 067	653 937	679 497	7 458 857
Coal Valley Resources Inc. - Obed	108 530	125 445	45 111	100 332	155 850	177 395	163 179	185 817	116 603	176 467	191 574	147 966	1 694 269
Total Production	726 610	679 240	668 801	768 912	773 012	812 305	758 873	800 602	706 263	785 534	845 511	827 463	9 153 126

Supply and Disposition of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Supply													
Opening Inventory	115 037	176 528	134 379	111 036	176 587	131 653	89 664	227 241	380 548	422 704	441 747	453 984	115 037
Production	478 669	462 107	426 447	399 049	341 433	360 702	367 022	461 911	454 666	398 948	396 200	336 670	4 883 824
Reclaimed	0	0	0	0	0	0	158 845	167 451	7 957	0	0	0	334 253
	593 706	638 635	560 826	510 085	518 020	492 355	615 531	856 603	843 171	821 652	837 947	790 654	5 333 114
Closing Inventory	176 528	134 379	111 036	176 587	131 653	89 664	227 241	380 548	422 704	441 747	453 984	483 953	483 953
Total Supply	417 178	504 256	449 790	333 498	386 367	402 691	388 290	476 055	420 467	379 905	383 963	306 701	4 849 161
Disposition													
Adjustment	(46 715)	15 976	12 556	12 194	20 919	20 561	18 401	20 874	15 318	8 569	21 608	17 639	137 900
To Coal Preparation Plants	463 893	488 280	437 233	321 305	365 449	382 131	369 888	455 181	405 150	371 337	362 355	283 995	4 706 197
Deliveries													
Alberta													
Residential/Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Electric Energy Generation (*)	0	0	0	0	0	0	0	0	0	0	0	5 067	5 067
	0	0	0	0	0	0	0	0	0	0	0	5 067	5 067
Removed from Province													
Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	0	0	0	0	0	0	0
United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Port	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
Port Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	0	0	0	0	0	0	0	0	0	0	0	5 067	5 067
Total Disposition	417 178	504 256	449 789	333 499	386 368	402 692	388 289	476 055	420 468	379 906	383 963	306 701	4 849 164

Note: (*) Coal not suited for metallurgical purposes.

Supply and Disposition of Bituminous Thermal Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Supply													
Opening Inventory	305 957	230 293	243 817	189 156	136 015	190 034	214 727	146 330	115 427	103 920	100 546	114 292	305 957
Production	726 610	679 240	668 801	768 912	773 012	812 305	758 873	800 602	706 263	785 534	845 511	827 463	9 153 126
	1 032 567	909 533	912 618	958 068	909 027	1 002 339	973 600	946 932	821 690	889 454	946 057	941 755	9 459 083
Closing Inventory	230 293	243 817	189 156	136 015	190 034	214 727	146 330	115 427	103 920	100 546	114 292	121 852	121 852
Total Supply	802 274	665 716	723 462	822 053	718 993	787 612	827 270	831 505	717 770	788 908	831 765	819 903	9 337 231
Disposition													
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
To Alberta Electric Energy Generation	0	0	0	0	0	0	1 440	3 570	2 118	5 100	1 860	2 940	17 028
To Coal Preparation Plants	802 274	665 716	723 462	822 053	718 993	787 612	825 830	827 935	715 652	783 808	829 905	816 963	9 320 203
Total Disposition	802 274	665 716	723 462	822 053	718 993	787 612	827 270	831 505	717 770	788 908	831 765	819 903	9 337 231

Preparation Plant Operations for Bituminous Coal (tonnes)

Metallurgical Coal

Cardinal River Coals Ltd.

	January	February	March	April	May	June	July	August	September	October	November	December	
Processed	230 338	280 326	239 263	182 926	180 368	268 513	218 117	293 345	251 551	190 573	164 473	175 919	2 675 712
Discard	91 998	120 485	83 659	57 775	72 000	135 038	102 524	128 188	121 772	95 860	66 920	72 853	1 149 072
Clean Coal	138 340	159 841	155 604	125 151	108 368	133 475	115 593	165 157	129 779	94 713	97 553	103 066	1 526 640

Grande Cache Coal.

Processed	233 555	207 954	197 970	138 379	185 081	113 618	151 771	161 836	153 599	180 764	197 882	108 076	2 030 485
Discard	45 307	58 184	53 564	18 215	53 231	34 217	49 743	64 904	56 062	78 824	93 885	22 713	628 849
Clean Coal	188 248	149 770	144 406	120 164	131 850	79 401	102 028	96 932	97 537	101 940	103 997	85 363	1 401 636

Sub Total

Processed	463 893	488 280	437 233	321 305	365 449	382 131	369 888	455 181	405 150	371 337	362 355	283 995	4 706 197
Discard	137 305	178 669	137 223	75 990	125 231	169 255	152 267	193 092	177 834	174 684	160 805	95 566	1 777 921
Clean Coal	326 588	309 611	300 010	245 315	240 218	212 876	217 621	262 089	227 316	196 653	201 550	188 429	2 928 276

Thermal Coal

Coal Valley Resources Inc. - Coal Valley

Processed	687 594	562 275	676 025	692 975	564 975	640 340	638 835	644 585	597 680	649 310	638 545	656 650	7 649 789
Discard	423 864	342 426	374 038	384 025	309 447	355 340	367 346	341 464	335 060	345 035	344 115	338 008	4 260 168
Clean Coal	263 730	219 849	301 987	308 950	255 528	285 000	271 489	303 121	262 620	304 275	294 430	318 642	3 389 621

Coal Valley Resources Inc. - Obed Mountain

Processed	114 680	103 441	47 437	129 078	154 018	147 272	186 995	183 350	117 972	134 498	191 360	160 313	1 670 414
Discard	60 454	53 795	22 257	66 939	68 407	70 462	93 377	86 409	49 489	66 685	98 276	67 229	803 779
Clean Coal	54 226	49 646	25 180	62 139	85 611	76 810	93 618	96 941	68 483	67 813	93 084	93 084	866 635

Sub Total

Processed	802 274	665 716	723 462	822 053	718 993	787 612	825 830	827 935	715 652	783 808	829 905	816 963	9 320 203
Discard	484 318	396 221	396 295	450 964	377 854	425 802	460 723	427 873	384 549	411 720	442 391	405 237	5 063 947
Clean Coal	317 956	269 495	327 167	371 089	341 139	361 810	365 107	400 062	331 103	372 088	387 514	411 726	4 256 256

Grand Total

Processed	1 266 167	1 153 996	1 160 695	1 143 358	1 084 442	1 169 743	1 195 718	1 283 116	1 120 802	1 155 145	1 192 260	1 100 958	14 026 400
Discard	621 623	574 890	533 518	526 954	503 085	595 057	612 990	620 965	562 383	586 404	603 196	500 803	6 841 868
Clean Coal	644 544	579 106	627 177	616 404	581 357	574 686	582 728	662 151	558 419	568 741	589 064	600 155	7 184 532

Supply and Disposition of Bituminous Metallurgical Clean Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
Supply													
Opening Inventory	294 663	341 082	339 373	227 508	117 121	77 831	117 300	67 862	148 644	94 810	30 523	73 149	294 663
Production	326 588	309 611	300 010	245 315	240 218	212 876	217 621	262 089	227 316	196 653	201 550	188 429	2 928 276
	621 251	650 693	639 383	472 823	357 339	290 707	334 921	329 951	375 960	291 463	232 073	261 578	3 222 939
Closing Inventory	341 082	339 373	227 508	117 121	77 831	117 300	67 862	148 644	94 810	30 523	73 149	82 681	82 681
Total Supply	280 169	311 320	411 875	355 702	279 508	173 407	267 059	181 307	281 150	260 940	158 924	178 897	3 140 258

Disposition

Adjustment	(9 574)	0	5 805	0	0	(13 858)	0	0	4 841	0	0	(7 078)	(19 864)
Deliveries													
China	72 149	66 711	67 896	72 643	151 238	0	74 888	0	67 940	0	86 203	0	659 668
Poland	0	56 063	0	0	0	0	0	0	0	0	0	0	56 063
Brazil	0	0	0	0	0	1 315	0	0	0	0	0	0	1 315
Chile	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	10 882	10 882	0	41 951	15 320	0	15 469	0	45 744	46 552	15 866	0	202 666
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	36 909	0	841	37 700	26 459	0	0	0	37 771	139 680
Holland	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	201 817	46 544	240 224	212 057	195 324	63 965	200 033	41 503	94 987	118 968	118 134	169 343	1 702 899
Korea	36 671	125	65 723	10 020	0	0	38 500	0	44 385	0	0	0	195 424
Mexico	0	0	0	0	0	5 909	0	0	0	0	0	0	5 909
Spain	0	0	0	0	0	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	0	0	0	44 144	0	0	0	0	18 220	39 156	(1)	0	101 519
U.K.	0	0	0	0	0	0	0	0	0	0	0	0	0
U.S.A.	0	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	1 689	0	0	0	0	10 040	0	0	2 496	1 790	239	4 406	20 660
EUROPE	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITZERLAND	0	0	0	0	0	0	0	0	0	0	0	0	0
FINLAND	23 788	0	19 798	0	17 839	20 495	17 334	19 766	0	22 572	15 992	8 703	166 287
FRANCE	0	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	0	0	0	0	30 964	0	0	0	0	0	0	0	30 964
Atlantic Port	(1 417)	(10 882)	30 567	(26 831)	0	15 258	0	0	(15 590)	0	0	0	(8 895)
Pacific Port	(55 830)	141 877	(18 136)	(35 191)	(131 177)	69 442	(116 865)	93 579	18 127	31 902	(77 509)	(34 248)	(114 029)
	289 749	311 320	406 072	355 702	279 508	187 265	267 059	181 307	276 309	260 940	158 924	185 975	3 160 130
Port Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	289 749	311 320	406 072	355 702	279 508	187 265	267 059	181 307	276 309	260 940	158 924	185 975	3 160 130
Total Disposition	280 175	311 320	411 877	355 702	279 508	173 407	267 059	181 307	281 150	260 940	158 924	178 897	3 140 266

Supply and Disposition of Bituminous Thermal Clean Coal

(tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2010
Supply													
Opening Inventory	222 513	175 096	142 296	157 570	166 661	201 259	204 478	143 971	143 266	207 412	226 572	209 698	222 513
Production - Clean Coal	328 601	300 799	345 111	371 089	366 116	389 963	394 688	428 661	348 774	396 124	412 114	407 183	4 489 223
	551 114	475 895	487 407	528 659	532 777	591 222	599 166	572 632	492 040	603 536	638 686	616 881	4 711 736
Closing Inventory	189 938	142 296	157 570	166 661	201 259	204 478	143 971	143 266	207 412	226 572	209 698	253 336	253 336
Total Supply	361 176	333 599	329 837	361 998	331 518	386 744	455 195	429 366	284 628	376 964	428 988	363 545	4 458 400
Disposition													
Adjustment	0	0	1 552	(50)	480	4 609	101	0	(2 475)	(2 184)	2 456	306	4 795
Deliveries													
Alberta													
Electric Energy Generation	62 262	53 155	48 973	39 237	35 846	0	15 507	35 742	27 034	33 813	25 099	30 899	407 567
- By Product	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial Consumer	0	0	0	0	0	0	0	0	0	0	0	0	0
Mine Site Use	0	0	0	0	0	0	0	0	0	0	0	0	0
	62 262	53 155	48 973	39 237	35 846	0	15 507	35 742	27 034	33 813	25 099	30 899	407 567
Removed From Province													
British Columbia	(3 870)	(10 307)	(22 714)	(11 035)	16 648	0	0	35 642	0	0	12 277	23 612	14 164
Ontario	0	0	0	0	0	0	0	0	0	56	926	0	982
Australia	0	0	0	0	0	0	0	0	0	0	0	0	0
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0	0	0	0	0	0
China	0	0	0	0	0	5 431	12 033	6 234	0	0	12 018	0	35 716
Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	0	0	0	0	0	0
Holland	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	77 966	156 045	155 025	157 256	76 313	241 159	157 110	20 499	75 379	306 706	266 432	314 590	2 004 480
Korea	76 998	0	0	0	0	0	143 654	153 557	0	0	0	124 043	498 252
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0	0	307	0	0	307
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0	0	0	0	0	0
U.K.	0	0	0	0	0	0	0	0	0	0	0	0	0
U.S.A.	144 448	274 766	8 298	286 632	155 125	184 296	7 758	158 804	180 657	0	74 882	108 592	1 584 258
Pacific Port	28 735	(187 352)	142 023	(110 044)	48 066	(20 848)	119 791	18 884	(702)	36 680	51 332	(213 216)	(86 651)
	324 277	233 152	282 632	322 809	296 152	410 038	440 346	393 620	255 334	343 749	417 867	357 621	4 051 508
Port Adjustment	(25 363)	47 292	(216)	(98)	0	(18 685)	(557)	4	(215)	(2 782)	(11 522)	(24 669)	4 120
Total Deliveries	361 176	333 599	331 389	361 948	331 998	391 353	455 296	429 366	282 153	374 780	431 444	363 851	4 463 195
Total Disposition	361 176	333 599	329 837	361 998	331 518	386 744	455 195	429 366	284 628	376 964	428 988	363 545	4 458 400

Summary of Coal Inventories (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
Subbituminous Coal													
Opening Inventory	4 306 064	3 962 560	3 987 602	3 995 379	3 827 184	3 849 555	3 900 350	4 109 544	3 979 969	3 744 848	4 042 912	4 365 909	4 306 064
Added to Inventory	0	25 042	7 777	0	22 371	50 795	209 194	0	0	298 064	322 997	202 990	1 139 230
Removed from Inventory	343 504	0	0	168 195	0	0	0	129 575	235 121	0	0	0	343 504
Closing Inventory	3 962 560	3 987 602	3 995 379	3 827 184	3 849 555	3 900 350	4 109 544	3 979 969	3 744 848	4 042 912	4 365 909	4 568 899	5 101 790

Bituminous Metallurgical Raw Coal

Opening Inventory	115 037	176 528	134 379	111 036	176 587	131 653	89 664	227 241	380 548	422 704	441 747	453 984	115 037
Added to Inventory	61 491	0	0	65 551	0	0	137 577	153 307	42 156	19 043	12 237	29 969	521 331
Removed from Inventory	0	42 149	23 343	0	44 934	41 989	0	0	0	0	0	0	152 415
Closing Inventory	176 528	134 379	111 036	176 587	131 653	89 664	227 241	380 548	422 704	441 747	453 984	483 953	483 953

Bituminous Metallurgical Clean Coal

Opening Inventory	294 663	341 082	339 373	227 508	117 121	77 831	117 300	67 862	148 644	94 810	30 523	73 149	294 663
Added to Inventory	46 419	0	0	0	0	39 469	0	80 782	0	0	42 626	9 532	218 828
Removed from Inventory	0	1 709	111 865	110 387	39 290	0	49 438	0	53 834	64 287	0	0	430 810
Closing Inventory	341 082	339 373	227 508	117 121	77 831	117 300	67 862	148 644	94 810	30 523	73 149	82 681	82 681

Bituminous Thermal Raw Coal

Opening Inventory	305 957	230 293	243 817	189 156	136 015	190 034	214 727	146 330	115 427	103 920	100 546	114 292	305 957
Added to Inventory	0	13 524	0	0	54 019	24 693	0	0	0	0	13 746	7 560	113 542
Removed from Inventory	75 664	0	54 661	53 141	0	0	68 397	30 903	11 507	3 374	0	0	297 647
Closing Inventory	230 293	243 817	189 156	136 015	190 034	214 727	146 330	115 427	103 920	100 546	114 292	121 852	121 852

Bituminous Thermal Clean Coal

Opening Inventory	222 513	175 096	142 296	157 570	166 661	201 259	204 478	143 971	143 266	207 412	226 572	209 698	222 513
Added to Inventory	0	0	15 274	9 091	34 598	3 219	0	0	64 146	19 160	0	43 638	189 126
Removed from Inventory	32 575	32 800	0	0	0	0	60 507	705	0	0	16 874	0	143 461
Closing Inventory	189 938	142 296	157 570	166 661	201 259	204 478	143 971	143 266	207 412	226 572	209 698	253 336	268 178