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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

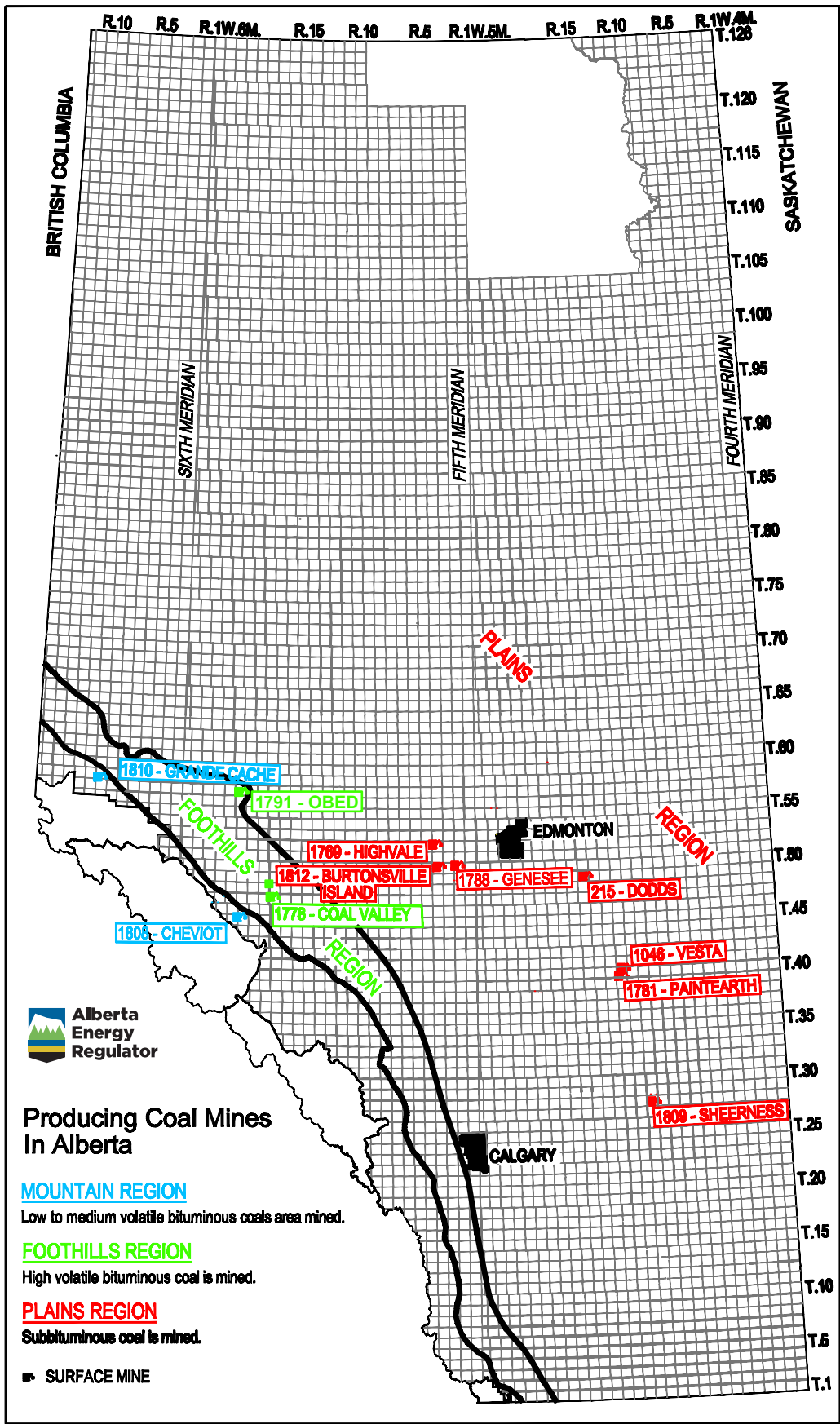
where 1 tonne = 1000 kilograms
= 1.10231 short tons
= 0.98421 long tons

Sub-Bituminous Coal Producers

Company Name AER Mine No.	Type	Common Name	Location
Prairie Mines Ltd.			
Mine No. 1781	Surface	Paintearth	Halkirk
Mine No. 1809	Surface	Sheerness	Sheerness
Epcor Generation Inc.			
Mine No. 1788	Surface	Genesee	Genesee
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 AER Mine No.	Type	Common Name	Location
Cardinal River Coals Ltd.			
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



2016 Raw Coal Production and Marketable Coal Deliveries (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Raw Coal Production													
Subbituminous	1 728 852	1 560 947	1 878 746	2 071 055	1 616 240	1 558 005	1 654 701	1 892 057	1 423 149	1 728 180	2 205 030	3 015 263	22 332 225
Bituminous Metallurgical	217 805	235 042	269 894	195 124	263 074	299 904	277 091	259 389	242 672	244 599	257 746	261 437	3 023 777
Bituminous Thermal	402 713	361 854	313 387	326 747	310 430	332 417	346 117	346 789	351 969	321 150	436 910	431 267	4 281 750
Sub Total	620 518	596 896	583 281	521 871	573 504	632 321	623 208	606 178	594 641	565 749	694 656	692 704	7 305 527
Total Production	2 349 370	2 157 843	2 462 027	2 592 926	2 189 744	2 190 326	2 277 909	2 498 235	2 017 790	2 293 929	2 899 686	3 707 967	29 637 752

Marketable Coal Deliveries

Subbituminous

(Includes: [Dodds](#), [TransAlta - Whitewood and Highvale](#), [Paintearth and Vesta](#), [Sheerness](#), [Capital Power GP Holdings Inc.](#), and [Keephills](#))

Raw	2 030 545	1 700 177	1 662 249	1 580 483	1 672 452	1 736 367	2 000 702	1 945 781	1 883 544	1 912 047	2 022 526	2 210 034	22 356 907
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Bituminous Metallurgical

([Grande Cache](#) and [Cardinal River](#))

Raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean	109 233	108 225	166 402	159 403	143 101	152 818	135 558	149 831	182 440	123 586	179 066	107 348	1 717 011
	109 233	108 225	166 402	159 403	143 101	152 818	135 558	149 831	182 440	123 586	179 066	107 348	1 717 011

Bituminous Thermal

([Coal Valley](#))

Raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean	95 971	147 206	213 051	179 911	245 031	179 978	113 899	180 096	179 402	163 323	200 794	141 182	2 039 844
	95 971	147 206	213 051	179 911	245 031	179 978	113 899	180 096	179 402	163 323	200 794	141 182	2 039 844

Total Deliveries	2 235 749	1 955 608	2 041 702	1 919 797	2 060 584	2 069 163	2 250 159	2 275 708	2 245 386	2 035 633	2 402 386	2 458 564	26 113 762
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Production of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Surface Mines													
Capital Power GP Holdings Inc.	394 255	527 355	712 443	660 224	365 607	273 505	258 816	447 224	140 818	175 259	419 340	730 194	5 105 040
Prairie Mines - Paintearth and Vesta	111 945	89 253	74 130	100 291	76 790	107 627	126 974	110 798	70 785	146 733	114 290	164 068	1 293 684
Prairie Mines - Sheerness	261 753	152 390	173 187	223 842	215 409	194 775	291 949	284 786	287 207	357 133	292 126	383 640	3 118 197
TA - Highvale	947 672	780 852	910 661	1 081 881	956 157	980 326	975 508	1 046 489	919 671	1 036 490	1 366 458	1 706 049	12 708 214
	1 715 625	1 549 850	1 870 421	2 066 238	1 613 963	1 556 233	1 653 247	1 889 297	1 418 481	1 715 615	2 192 214	2 983 951	22 225 135
Dodds Coal Mining Co. Ltd.	13,227	11,097	8,325	4,817	2,277	1,772	1,454	2,760	4,668	12,565	12,816	31,312	107 090
Keephills Aggregate Co. Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
	13 227	11 097	8 325	4 817	2 277	1 772	1 454	2 760	4 668	12 565	12 816	31 312	107 090
Total Production	1 728 852	1 560 947	1 878 746	2 071 055	1 616 240	1 558 005	1 654 701	1 892 057	1 423 149	1 728 180	2 205 030	3 015 263	22 332 225

Supply and Disposition of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Supply													
Opening Inventory	4 818 269	4 514 267	4 372 952	4 566 809	5 056 605	4 999 977	4 821 308	4 475 054	4 420 855	3 958 661	3 772 562	3 952 797	4 818 269
Production	1 728 852	1 560 947	1 878 746	2 071 055	1 616 240	1 558 005	1 654 701	1 892 057	1 423 149	1 728 180	2 205 030	3 015 263	22 332 225
Reclaimed	0	0	0	0	0	0	0	0	0	0	0	0	0
	6 547 121	6 075 214	6 251 698	6 637 864	6 672 845	6 557 982	6 476 009	6 367 111	5 844 004	5 686 841	5 977 592	6 968 060	27 150 494
Closing Inventory	4 514 267	4 372 952	4 566 809	5 056 605	4 999 977	4 821 308	4 475 054	4 420 855	3 959 644	3 772 562	3 952 792	4 749 905	4 999 977
Total Supply	2 032 854	1 702 262	1 684 889	1 581 259	1 672 868	1 736 674	2 000 955	1 946 256	1 884 360	1 914 279	2 024 800	2 218 155	22 150 517
Disposition													
Used in Operation	13	10	10	7	6	6	6	5	6	9	6	10	94
Discard	2 296	2 075	1 358	769	410	301	247	470	810	2 223	2 268	5 647	18 874
Adjustment	0	0	21 272	0	0	0	0	0	0	0	0	2 464	23 736
	2 309	2 085	22 640	776	416	307	253	475	816	2 232	2 274	8 121	42 704
Deliveries													
Alberta													
Residential/Commercial	2	0	0	0	0	0	0	0	0	0	0	0	2
Industrial	7 687	12 762	2 980	0	520	0	0	7	5 231	15 887	10 467	1 909	57 450
Electric Energy Generation	2 022 856	1 687 415	1 659 269	1 580 483	1 671 932	1 736 367	2 000 702	1 945 774	1 878 313	1 896 160	2 012 059	2 208 125	22 299 455
	2 030 545	1 700 177	1 662 249	1 580 483	1 672 452	1 736 367	2 000 702	1 945 781	1 883 544	1 912 047	2 022 526	2 210 034	22 356 907
Total Deliveries	2 030 545	1 700 177	1 662 249	1 580 483	1 672 452	1 736 367	2 000 702	1 945 781	1 883 544	1 912 047	2 022 526	2 210 034	22 356 907
Total Disposition	2 032 854	1 702 262	1 684 889	1 581 259	1 672 868	1 736 674	2 000 955	1 946 256	1 884 360	1 914 279	2 024 800	2 218 155	22 399 611

Production of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Underground Mine													
Grande Cache Corp.	0	0	0	0	0	0	0	0	0	0	0	0	0
Surface Mines													
Cardinal River Coals Ltd.	217 805	235 042	269 894	195 124	263 074	299 904	277 091	259 389	242 672	244 599	257 746	261 437	3 023 777
Grande Cache Corp.	0	0	0	0	0	0	0	0	0	0	0	0	0
	217 805	235 042	269 894	195 124	263 074	299 904	277 091	259 389	242 672	244 599	257 746	261 437	3 023 777
Total Production	217 805	235 042	269 894	195 124	263 074	299 904	277 091	259 389	242 672	244 599	257 746	261 437	3 023 777

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

Coal Valley Resources Inc. - Coal Vall	402 713	361 854	313 387	326 747	310 430	332 417	346 117	346 789	351 969	321 150	436 910	431 267	4 281 750
Coal Valley Resources Inc. - Obed	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Production	402 713	361 854	313 387	326 747	310 430	332 417	346 117	346 789	351 969	321 150	436 910	431 267	4 281 750

Supply and Disposition of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Supply													
Opening Inventory	418 365	432 902	440 782	455 055	447 445	471 231	514 412	531 301	488 752	496 547	406 911	408 054	418 365
Production	217 805	235 042	269 894	195 124	263 074	299 904	277 091	259 389	242 672	244 599	257 746	261 437	3 023 777
Reclaimed	0	0	0	0	0	0	0	0	0	0	0	0	0
	636 170	667 944	710 676	650 179	710 519	771 135	791 503	790 690	731 424	741 146	664 657	669 491	3 442 142
Closing Inventory	432 902	440 782	455 055	447 445	471 231	514 412	531 301	488 752	496 547	406 911	408 054	398 492	471 231
Total Supply	203 268	227 162	255 621	202 734	239 288	256 723	260 202	301 938	234 877	334 235	256 603	270 999	3 043 650
Disposition													
Adjustment	9 705	9 642	14 341	8 605	12 715	10 702	9 299	16 892	8 885	13 596	9 196	9 830	133 408
To Coal Preparation Plants	193 563	217 520	241 280	194 129	226 573	246 021	250 903	285 046	225 992	261 762	247 407	261 169	2 851 365
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	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0
Total Disposition	203 268	227 162	255 621	202 734	239 288	256 723	260 202	301 938	234 877	275 358	256 603	270 999	2 984 773

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	2016
Supply													
Opening Inventory	6 659	25 897	35 736	86 962	128 379	22 979	62 751	143 798	170 932	231 786	227 271	271 665	6 659
Production	402 713	361 854	313 387	326 747	310 430	332 417	346 117	346 789	351 969	321 150	436 910	431 267	4 281 750
	409 372	387 751	349 123	413 709	438 809	355 396	408 868	490 587	522 901	552 936	664 181	702 932	4 288 409
Closing Inventory	25 897	35 736	86 962	128 379	22 979	62 751	143 798	170 932	231 786	227 271	271 666	264 677	22 979
Total Supply	383 475	352 015	262 161	285 330	415 830	292 645	265 070	319 655	291 115	325 665	392 515	438 255	4 023 731
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	0	0	0	0	0	0	0
To Coal Preparation Plants	383 475	352 015	262 161	285 330	415 830	292 645	265 070	319 655	291 115	325 665	392 515	438 255	4 023 731
Total Disposition	383 475	352 015	262 161	285 330	415 830	292 645	265 070	319 655	291 115	325 665	392 515	438 255	4 023 731

Preparation Plant Operations for Bituminous Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
Metallurgical Coal													
Cardinal River Coals Ltd.													
Processed	193 563	217 520	241 280	194 129	226 573	246 021	250 903	285 046	225 992	261 762	247 407	261 169	2 851 365
Discard	80 172	69 214	89 821	66 507	84 033	95 075	99 595	111 549	93 565	100 446	78 700	84 349	1 053 026
Clean Coal	113 391	148 306	151 459	127 622	142 540	150 946	151 308	173 497	132 427	161 316	168 707	176 820	1 798 339
Grande Cache Coal.													
Processed	0	0	0	0	0	0	0	0	0	0	0	0	0
Discard	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean Coal	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total													
Processed	193 563	217 520	241 280	194 129	226 573	246 021	250 903	285 046	225 992	261 762	247 407	261 169	2 851 365
Discard	80 172	69 214	89 821	66 507	84 033	95 075	99 595	111 549	93 565	100 446	78 700	84 349	1 053 026
Clean Coal	113 391	148 306	151 459	127 622	142 540	150 946	151 308	173 497	132 427	161 316	168 707	176 820	1 798 339
Thermal Coal													
Coal Valley Resources Inc. - Coal Valley													
Processed	383 475	352 015	262 161	285 330	415 830	292 645	265 070	319 655	291 115	325 665	392 515	438 255	4 023 731
Discard	177 629	146 589	110 311	129 594	184 585	144 004	127 855	159 087	133 820	157 872	178 990	202 998	1 853 334
Clean Coal	205 846	205 426	151 850	155 736	231 245	148 641	137 215	160 568	157 295	167 793	213 525	235 257	2 170 397
Coal Valley Resources Inc. - Obed Mountain													
Processed	0	0	0	0	0	0	0	0	0	0	0	0	0
Discard	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean Coal	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total													
Processed	383 475	352 015	262 161	285 330	415 830	292 645	265 070	319 655	291 115	325 665	392 515	438 255	4 023 731
Discard	177 629	146 589	110 311	129 594	184 585	144 004	127 855	159 087	133 820	157 872	178 990	202 998	1 853 334
Clean Coal	205 846	205 426	151 850	155 736	231 245	148 641	137 215	160 568	157 295	167 793	213 525	235 257	2 170 397
Grand Total													
Processed	577 038	569 535	503 441	479 459	642 403	538 666	515 973	604 701	517 107	587 427	639 922	699 424	6 875 096
Discard	257 801	215 803	200 132	196 101	268 618	239 079	227 450	270 636	227 385	258 318	257 690	287 347	2 906 360
Clean Coal	319 237	353 732	303 309	283 358	373 785	299 587	288 523	334 065	289 722	329 109	382 232	412 077	3 968 736

Supply and Disposition of Bituminous Metallurgical Clean Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
Supply													
Opening Inventory	53 393	57 152	96 050	81 107	49 246	47 883	46 011	61 658	85 323	35 310	72 990	61 316	53 393
Production	113 391	148 306	151 459	127 622	142 540	150 946	151 308	173 497	132 427	161 316	168 707	176 820	1 798 339
	166 784	205 458	247 509	208 729	191 786	198 829	197 319	235 155	217 750	196 626	241 697	238 136	1 851 732
Closing Inventory	57 152	96 050	81 107	49 246	47 883	46 011	61 658	85 323	35 310	72 990	61 316	130 242	47 883
Total Supply	109 632	109 408	166 402	159 483	143 903	152 818	135 661	149 832	182 440	123 636	180 381	107 894	1 721 490

Disposition

Adjustment	399	1 183	131	80	802	(22 179)	103	1	1 066	50	1 315	546	(16 503)
Deliveries													
China	75 651	13 839	26 451	24 019	1 487	422	26	73 155	21 948	0	95 120	70 624	402 742
Poland	0	0	5 391	0	0	0	0	0	0	0	0	0	5 391
Brazil	0	2 001	0	0	0	36 215	33 635	10 833	0	0	0	0	82 684
Chile	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0
Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	886	0	0	0	0	0	0	0	0	0	0	0	886
Netherlands	0	0	0	0	2 690	210	208	0	0	19 190	0	0	22 298
Japan	0	67 832	41 583	0	62 388	104 123	0	0	101 729	109 838	51 415	0	538 908
South Korea	3 992	240	37 614	15 613	1 056	0	0	87	0	11 793	0	0	70 395
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina	0	0	0	0	0	0	0	47 959	0	46 258	0	0	94 217
Sweden	0	0	0	0	0	0	0	0	0	0	0	25 875	25 875
Taiwan	0	0	12 787	15 938	0	0	0	0	0	0	0	0	28 725
Romania	0	30 953	0	0	0	0	0	0	66 000	0	0	0	96 953
Turkey	0	0	0	0	0	0	0	0	0	3 801	2 008	0	5 809
U.S.A.	0	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	0	0	0	0	0	0	0	0	0	0	0	0	0
EUROPE	0	0	0	0	34 486	0	0	0	0	0	0	0	34 486
BC	0	0	16 635	0	0	0	0	0	3 648	599	0	0	20 882
FINLAND	25 749	33 849	0	21 805	29 583	23 261	31 627	30 326	0	43 933	9 195	0	249 328
India	26 872	0	0	50 780	0	4 799	0	0	0	0	0	7 114	89 565
VIETHAM	0	0	1 837	0	0	0	0	0	0	0	0	0	1 837
Atlantic Port	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Port	(23 917)	(40 489)	23 973	31 248	11 411	5 967	70 062	(12 529)	(11 951)	(111 826)	21 328	3 735	(32 988)
	109 233	108 225	166 271	159 403	143 101	174 997	135 558	149 831	181 374	123 586	179 066	107 348	1 737 993
Port Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	109 233	108 225	166 271	159 403	143 101	174 997	135 558	149 831	181 374	123 586	179 066	107 348	1 737 993
Total Disposition	109 632	109 408	166 402	159 483	143 903	152 818	135 661	149 832	182 440	123 636	180 381	107 894	1 721 490

**Supply and Disposition of Bituminous Thermal Clean Coal
(tonnes)**

	January	February	March	April	May	June	July	August	September	October	November	December	2016
Supply													
Opening Inventory	36 783	146 760	204 980	143 779	119 604	105 818	74 481	97 797	78 269	56 162	60 632	73 363	36 783
Production - Clean Coal	205 846	205 426	151 850	155 736	231 245	148 641	137 215	160 568	157 295	167 793	213 525	235 257	2 170 397
	242629	352186	356830	299515	350849	254459	211696	258365	235564	223955	274157	308620	2 207 180
Closing Inventory	146 760	204 980	143 779	119 604	105 818	74 481	97 797	78 269	56 162	60 632	73 363	167 438	105 818
Total Supply	95 869	147 206	213 051	179 911	245 031	179 978	113 899	180 096	179 402	163 323	200 794	141 182	2 101 362

Disposition

Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Deliveries													
Alberta													
Electric Energy Generation	0	0	0	0	0	0	0	0	0	0	0	0	0
- 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	313	0	0	0	0	0	0	0	0	0	313
	0	0	313	0	0	0	0	0	0	0	0	0	313
Removed From Province													
British Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	0	0	0	0	0	0	0	0	0	0	0	0	0
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	70 307	70 314	73 886	69 830	72 240	0	0	0	0	0	356 577
China	0	0	0	0	0	0	0	0	0	0	0	0	0
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	149 168	78 429	76 962	91 373	93 485	84 179	92 837	82 257	156 782	82 200	314 490	218 068	1 520 230
Korea	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
Italy	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	164 995	0	0	0	0	0	0	0	164 995
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.	0	0	53 502	0	53 710	0	0	56 228	0	0	0	0	163 440
Pacific Port	(53 299)	68 777	65 739	18 224	(130 342)	25 969	(51 178)	41 611	33 399	81 123	(91 820)	(73 222)	(65 019)
	95 869	147 206	266 510	179 911	255 734	179 978	113 899	180 096	190 181	163 323	222 670	144 846	2 140 223
Port Adjustment	102	0	(53 772)	0	(10 703)	0	0	0	(10 779)	0	(21 876)	(3 664)	(100 692)
Total Deliveries	95 971	147 206	213 051	179 911	245 031	179 978	113 899	180 096	179 402	163 323	200 794	141 182	2 039 844
Total Disposition	95 971	147 206	213 051	179 911	245 031	179 978	113 899	180 096	179 402	163 323	200 794	141 182	2 039 844

Summary of Coal Inventories (tonnes)

Subbituminous Coal

	January	February	March	April	May	June	July	August	September	October	November	December	
Opening Inventory	4 818 269	4 514 267	4 372 952	4 566 809	5 056 605	4 999 977	4 821 308	4 475 054	4 420 855	3 958 661	3 772 562	3 952 797	4 818 269
Added to Inventory	0	0	193 857	489 796	0	0	0	0	0	0	180 230	797 108	1 660 991
Removed from Inventory	304 002	141 315	0	0	56 628	178 669	346 254	54 199	461 211	186 099	0	0	445 317
Closing Inventory	4 514 267	4 372 952	4 566 809	5 056 605	4 999 977	4 821 308	4 475 054	4 420 855	3 959 644	3 772 562	3 952 792	4 749 905	6 033 943

Bituminous Metallurgical Raw Coal

Opening Inventory	418 365	432 902	440 782	455 055	447 445	471 231	514 412	531 301	488 752	496 547	406 911	408 054	418 365
Added to Inventory	14 537	7 880	14 273	0	23 786	43 181	16 889	0	7 795	0	1 143	0	129 484
Removed from Inventory	0	0	0	7 610	0	0	0	42 549	0	89 636	0	9 562	149 357
Closing Inventory	432 902	440 782	455 055	447 445	471 231	514 412	531 301	488 752	496 547	406 911	408 054	398 492	398 492

Bituminous Metallurgical Clean Coal

Opening Inventory	53 393	57 152	96 050	81 107	49 246	47 883	46 011	61 658	85 323	35 310	72 990	61 316	53 393
Added to Inventory	3 759	38 898	0	0	0	0	15 647	23 665	0	37 680	0	68 926	188 575
Removed from Inventory	0	0	14 943	31 861	1 363	1 872	0	0	50 013	0	11 674	0	111 726
Closing Inventory	57 152	96 050	81 107	49 246	47 883	46 011	61 658	85 323	35 310	72 990	61 316	130 242	130 242

Bituminous Thermal Raw Coal

Opening Inventory	6 659	25 897	35 736	86 962	128 379	22 979	62 751	143 798	170 932	231 786	227 271	271 665	6 659
Added to Inventory	19 238	9 839	51 226	41 417	0	39 772	81 047	27 134	60 854	0	44 395	0	374 922
Removed from Inventory	0	0	0	0	105 400	0	0	0	0	4 515	0	6 988	116 903
Closing Inventory	25 897	35 736	86 962	128 379	22 979	62 751	143 798	170 932	231 786	227 271	271 666	264 677	264 678

Bituminous Thermal Clean Coal

Opening Inventory	36 783	146 760	204 980	143 779	119 604	105 818	74 481	97 797	78 269	56 162	60 632	73 363	36 783
Added to Inventory	109 977	58 220	0	0	0	0	23 316	0	0	4 470	12 731	94 075	302 789
Removed from Inventory	0	0	61 201	24 175	13 786	31 337	0	19 528	22 107	0	0	0	172 134
Closing Inventory	146 760	204 980	143 779	119 604	105 818	74 481	97 797	78 269	56 162	60 632	73 363	167 438	167 438