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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

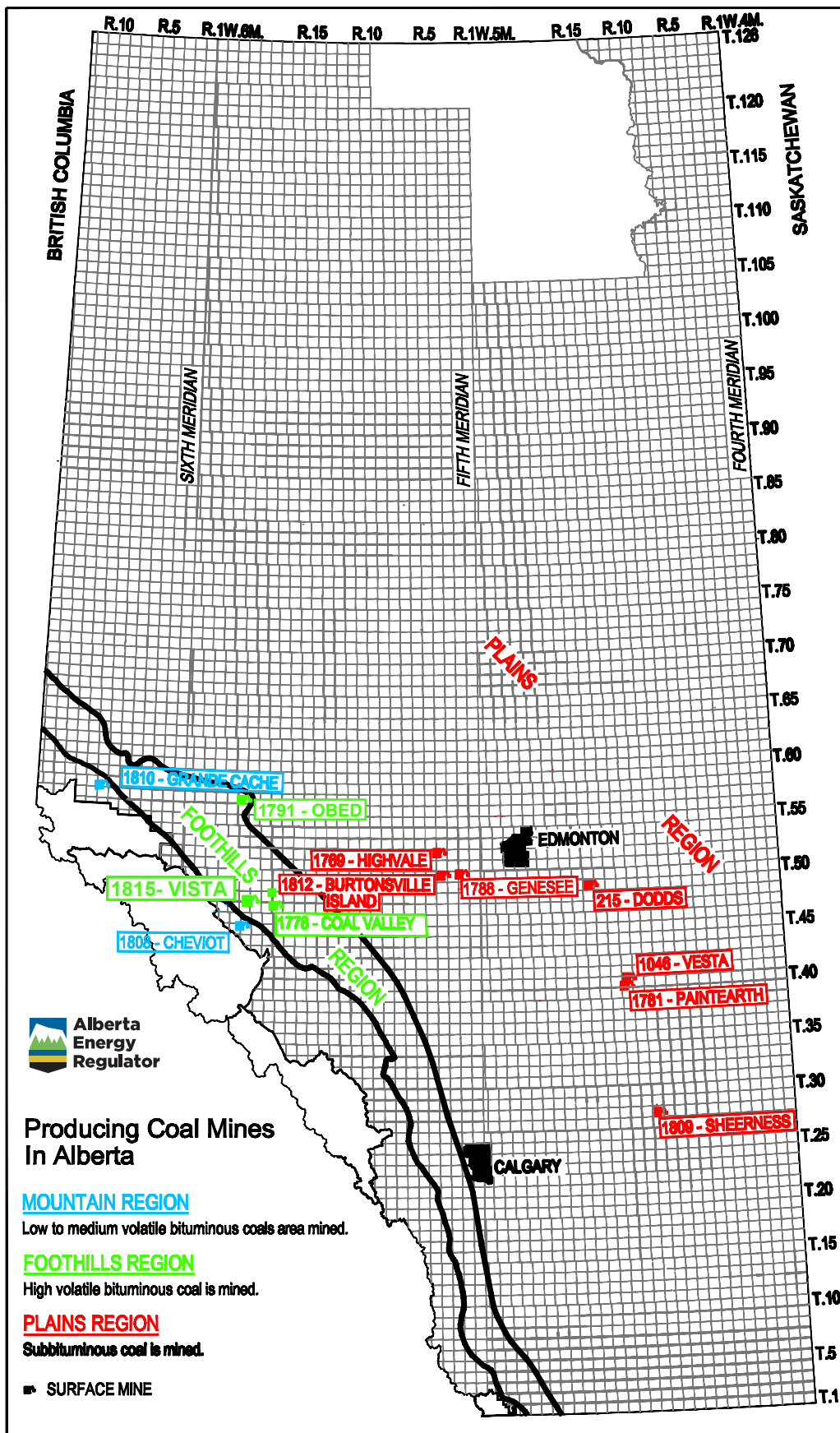
where 1 tonne = 1000 kilograms
 = 1.10231 short tons
 = 0.98421 long tons

Sub-Bituminous Coal Producers

Company Name AER Mine No.	Type	Common Name	Location
Prairie Mines Ltd.			
Mine No. 1781	Surface	Paintearth	Halkirk Mine
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. 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
CST Canada Coal Ltd.			
Mine No. 1810	Both Surface & Underground	CST Coal	Grande Cache
Coalspur Mines (Operations) Ltd.			
Mine No. 1815	Surface	Coalspur	McLeod River Area



2022 Raw Coal Production and Marketable Coal Deliveries (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2022
Raw Coal Production													
Subbituminous	0	0	0	0	0	0	0	0	0	0	0	0	0
Bituminous Metallurgical	0	0	0	0	0	0	0	0	0	0	0	0	0
Bituminous Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Production	0	0	0	0	0	0	0	0	0	0	0	0	0

Marketable Coal Deliveries

Subbituminous													
(Includes: Dodds, TransAlta - Whitewood and Highvale, Paintearth and Vesta, Sheerness, Capital Power GP Holdings Inc., and Keephills)													
Raw	469 757	414 060	361 745	351 098	415 419	356 848	385 855	341 891	315 991	255 499	376 662	479 331	4 524 159
Bituminous Metallurgical													
(CST Coal and Cardinal River)													
Raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858
	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858
Bituminous Thermal													
(Coal Valley, and Coalspur)													
Raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean	608 053	638 712	877 933	901 611	831 422	572 103	701 653	743 522	406 249	499 542	754 577	555 278	8 090 655
	608 053	638 712	877 933	901 611	831 422	572 103	701 653	743 522	406 249	499 542	754 577	555 278	8 090 655
Total Deliveries	1 111 713	1 093 918	1 294 835	1 316 270	1 296 364	971 786	1 140 333	1 201 843	767 420	822 165	1 237 915	1 095 107	13 349 672

Production of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2022
Surface Mines													
Capital Power GP Holdings Inc.	348 785	417 074	490 597	320 954	275 661	414 571	375 777	550 323	226 001	461 099	405 076	426 564	4 712 482
Prairie Mines - Paintearth and Vesta	0	0	0	0	0	0	0	0	0	0	0	0	0
Prairie Mines Sheerness	12 622	11 526	1 991	7 761	(43)	3 351	2 700	(1 012)	3 914	8 909	2 591	3 350	57 660
TA - Highvale	0	0	0	0	0	0	0	0	0	0	0	0	0
	361 407	428 600	492 588	328 715	275 618	417 922	378 477	549 311	229 915	470 008	407 667	429 914	4 770 142
Dodds Coal Mining Co. Ltd.	5,936	4,137	7,379	1,083	607	501	296	357	1,646	4,028	5,669	5,489	37 129
Keephills Aggregate Co. Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 936	4 137	7 379	1 083	607	501	296	357	1 646	4 028	5 669	5 489	37 129
Total Production	367 343	432 737	499 967	329 798	276 225	418 423	378 773	549 668	231 561	474 036	413 336	435 403	4 807 271

Supply and Disposition of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2022
Supply													
Opening Inventory	531 908	428 237	446 045	582 707	561 174	421 850	483 317	476 172	683 872	599 033	816 757	852 313	6 883 385
Production	367 343	432 737	499 967	329 798	276 225	418 423	378 773	549 668	231 561	474 036	413 336	435 403	4 807 271
	899 251	860 974	946 012	912 505	837 399	840 273	862 090	1 025 840	915 433	1 073 069	1 230 093	1 287 716	11 690 656
Closing Inventory	428 237	446 045	582 707	561 174	421 850	483 317	476 172	683 872	599 033	816 757	852 313	807 275	7 158 752
Total Supply	471 014	414 929	363 305	351 331	415 549	356 956	385 918	341 968	316 400	256 312	377 780	480 441	4 531 904
Disposition													
Used in Operation	4	3	2	1	0	0	0	0	0	1	2	4	16
Discard	1 253	867	1 557	232	130	107	63	77	408	812	1 116	1 107	7 729
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
	1 257	870	1 559	233	130	107	63	77	408	813	1 118	1 110	7 745
Deliveries													
Alberta													
Residential/Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Other - Soil Amendments	1 770	251	1 165	4 110	4 558	3 619	2 967	4 887	4 945	6 658	5 089	4 429	44 448
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Electric Energy Generation	467 987	413 809	360 580	346 988	410 861	353 229	382 888	337 004	311 046	248 841	371 573	474 902	4 479 711
	469 757	414 060	361 745	351 098	415 419	356 848	385 855	341 891	315 991	255 499	376 662	479 331	4 524 159
Total Deliveries	469 757	414 060	361 745	351 098	415 419	356 848	385 855	341 891	315 991	255 499	376 662	479 331	4 524 159
Total Disposition	471 014	414 929	363 305	351 331	415 549	356 956	385 918	341 968	316 400	256 312	377 780	480 441	4 531 904

Production of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2022
Underground Mine													
CST Canada Coal Ltd	0	0	0	0	0	0	0	0	0	0	0	0	0
Surface Mines													
Cardinal River Coals Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
CST Canada Coal Ltd	54 293	75 551	63 151	55 004	72 618	95 481	116 854	142 626	115 318	110 235	120 138	93 593	1 114 862
	54 293	75 551	63 151	55 004	72 618	95 481	116 854	142 626	115 318	110 235	120 138	93 593	1 114 862
Total Production	54 293	75 551	63 151	55 004	72 618	95 481	116 854	142 626	115 318	110 235	120 138	93 593	1 114 862

Production of Bituminous Thermal Raw Coal (tonnes)

Surface Mines

Coal Valley Resources Inc. - Coal Val	298 763	291 040	338 420	373 657	331 620	304 100	274 153	302 249	305 139	321 110	327 130	379 371	3 846 752
Coalspur Mines Ltd. - Vista Mine	617 212	630 202	1 027 380	1 181 740	956 534	835 077	775 641	901 452	853 055	948 075	785 762	846 323	10 358 453
Total Production	915 975	921 242	1 365 800	1 555 397	1 288 154	1 139 177	1 049 794	1 203 701	1 158 194	1 269 185	1 112 892	1 225 694	14 205 205

Supply and Disposition of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2022
Supply													
Opening Inventory	36 119	36 119	20 277	23 459	2 119	20 613	2 886	8 789	29 406	6 713	34 130	9 915	230 545
Production	54 293	75 551	63 151	55 004	72 618	95 481	116 854	142 626	115 318	110 235	120 138	93 593	1 114 862
	90 412	111 670	83 428	78 463	74 737	116 094	119 740	151 415	144 724	116 948	154 268	103 508	1 345 407
Closing Inventory	36 119	20 277	23 459	2 119	20 613	2 886	8 789	29 406	6 713	34 130	9 915	34 359	228 785
Total Supply	54 293	91 393	59 969	76 344	54 124	113 208	110 951	122 009	138 011	82 818	144 353	69 149	1 116 622
Disposition													
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
To Coal Preparation Plants	54 293	91 393	59 969	76 344	54 124	113 208	110 951	122 009	138 011	82 818	144 353	69 149	1 116 622
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	54 293	91 393	59 969	76 344	54 124	113 208	110 951	122 009	138 011	82 818	144 353	69 149	1 116 622

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	2022
Supply													
Opening Inventory	622 749	526 669	476 331	668 917	841 086	907 416	668 700	445 540	436 537	312 824	349 304	376 800	6 632 873
Production	915 975	921 242	1 365 800	1 555 397	1 288 154	1 139 177	1 049 794	1 203 701	1 158 194	1 269 185	1 112 892	1 225 694	14 205 205
	1 538 724	1 447 911	1 842 131	2 224 314	2 129 240	2 046 593	1 718 494	1 649 241	1 594 731	1 582 009	1 462 196	1 602 494	20 838 078
Closing Inventory	526 669	476 331	668 917	841 086	907 416	668 700	445 540	436 537	312 824	349 304	376 800	423 526	6 433 650
Total Supply	1 012 055	971 580	1 173 214	1 383 228	1 221 824	1 377 893	1 272 954	1 212 704	1 281 907	1 232 705	1 085 396	1 178 968	14 404 428
Disposition													
Adjustment	1	0	0	0	0	0	0	0	0	0	0	0	1
To Alberta Electric Energy Generatior	0	0	0	0	0	0	0	0	0	0	0	0	0
To Coal Preparation Plants	1 012 054	971 580	1 173 214	1 383 228	1 221 824	1 377 893	1 272 954	1 212 704	1 281 907	1 232 705	1 085 396	1 178 968	14 404 427
Total Disposition	1 012 055	971 580	1 173 214	1 383 228	1 221 824	1 377 893	1 272 954	1 212 704	1 281 907	1 232 705	1 085 396	1 178 968	14 404 428

Preparation Plant Operations for Bituminous Coal (tonnes)													Page 11
	January	February	March	April	May	June	July	August	September	October	November	December	2022
Metallurgical Coal													
Cardinal River Coals Ltd.													
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
CST Canada Coal Ltd													
Processed	54 293	91 393	59 969	76 344	54 124	113 208	110 951	122 009	138 011	82 818	144 353	69 149	1 116 622
Discard	23 399	38 610	29 278	37 011	15 166	38 425	24 339	46 741	52 853	28 396	61 545	27 224	422 987
Clean Coal	30 894	52 783	30 691	39 333	38 958	74 783	86 612	75 268	85 158	54 422	82 808	41 925	693 635
Sub Total													
Processed	54 293	91 393	59 969	76 344	54 124	113 208	110 951	122 009	138 011	82 818	144 353	69 149	1 116 622
Discard	23 399	38 610	29 278	37 011	15 166	38 425	24 339	46 741	52 853	28 396	61 545	27 224	422 987
Clean Coal	30 894	52 783	30 691	39 333	38 958	74 783	86 612	75 268	85 158	54 422	82 808	41 925	693 635
Thermal Coal													
Coal Valley Resources Inc. - Coal Valley													
Processed	304 092	329 449	251 783	357 444	351 438	300 707	304 851	308 474	324 369	298 934	363 483	376 420	3 871 444
Discard	154 463	169 802	131 965	175 307	165 240	147 794	141 141	162 929	151 357	160 595	187 413	177 109	1 925 115
Clean Coal	149 629	159 647	119 818	182 137	186 198	152 913	163 710	145 545	173 012	138 339	176 070	199 311	1 946 329
Coalspur Mines (Operations) Ltd. - CoalSpur													
Processed	707 962	642 131	921 431	1 025 784	870 386	1 077 186	968 103	904 230	957 538	933 771	721 913	802 548	10 532 983
Discard	260 205	283 171	408 840	436 529	441 994	536 698	429 197	439 790	500 718	460 938	303 415	325 978	4 827 473
Clean Coal	447 757	358 960	512 591	589 255	428 392	540 488	538 906	464 440	456 820	472 833	418 498	476 570	5 705 510
Sub Total													
Processed	1 012 054	971 580	1 173 214	1 383 228	1 221 824	1 377 893	1 272 954	1 212 704	1 281 907	1 232 705	1 085 396	1 178 968	14 404 427
Discard	414 668	452 973	540 805	611 836	607 234	684 492	570 338	602 719	652 075	621 533	490 828	503 087	6 752 588
Clean Coal	597 386	518 607	632 409	771 392	614 590	693 401	702 616	609 985	629 832	611 172	594 568	675 881	7 651 839
Grand Total													
Processed	1 066 347	1 062 973	1 233 183	1 459 572	1 275 948	1 491 101	1 383 905	1 334 713	1 419 918	1 315 523	1 229 749	1 248 117	15 521 049
Discard	438 067	491 583	570 083	648 847	622 400	722 917	594 677	649 460	704 928	649 929	552 373	530 311	7 175 575
Clean Coal	628 280	571 390	663 100	810 725	653 548	768 184	789 228	685 253	714 990	665 594	677 376	717 806	8 345 474

Supply and Disposition of Bituminous Metallurgical Clean Coal (tonnes)

Supply

	January	February	March	April	May	June	July	August	September	October	November	December	
Opening Inventory	64 188	61 179	72 816	48 350	24 122	13 557	45 505	79 292	38 130	78 108	65 406	41 538	632 191
Production	30 894	52 783	30 691	39 333	38 958	74 783	86 612	75 268	85 158	54 422	82 808	41 925	693 635
	95 082	113 962	103 507	87 683	63 080	88 340	132 117	154 560	123 288	132 530	148 214	83 463	1 325 826
Closing Inventory	61 179	72 816	48 350	24 122	13 557	45 505	79 292	38 130	78 108	65 406	41 538	22 965	590 968
Total Supply	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858

Disposition

Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Deliveries													
China	0	0	88 000	0	0	88 000	0	0	78 632	88 000	93 419	0	436 051
Poland	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
Vietnam	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	0	0	0	0	0	0	0	0	0	0	0	0	0
Netherlands	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
South Korea	0	0	0	36 297	57 450	0	0	58 031	0	0	0	78 048	229 826
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0
Argentina	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
Romania	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.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	0	0	0	0	0	0	0	0	0
BC	0	0	0	0	0	0	0	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0	0	0	0	0	0
Vietnam	0	0	0	0	0	0	0	0	0	0	0	0	0
Atlantic Port	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Port	33 903	41 146	(32 843)	27 264	(7 927)	(45 165)	52 825	58 399	(33 452)	(20 876)	13 257	(17 550)	68 981
	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858
Port Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858
Total Disposition	33 903	41 146	55 157	63 561	49 523	42 835	52 825	116 430	45 180	67 124	106 676	60 498	734 858

Supply and Disposition of Bituminous Thermal Clean Coal
(tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
Supply													
Opening Inventory	816 876	806 209	686 104	440 580	317 176	81 917	260 428	341 587	196 778	432 187	543 491	376 323	5 299 656
Production - Clean Coal	597 386	518 607	632 409	771 392	614 590	693 401	702 616	609 985	629 832	611 172	594 568	675 881	7 651 839
Reclaimed - Clean Coal	0	0	0	0	0	55 125	76 432	0	0	0	0	0	131 557
	1414262	1324816	1318513	1211972	931766	830443	1039476	951572	826610	1043358.77	1138059	1052204	13083052
Closing Inventory	806 209	686 104	440 580	317 176	81 917	260 428	341 587	196 778	432 187	543 491	376 323	496 926	4 979 706
Total Supply	608 053	638 712	877 933	894 796	849 849	570 015	697 889	754 794	394 423	499 868	761 736	555 278	8 103 346
Disposition													
Adjustment	0	0	0	6 815	(18 427)	2 088	3 764	(11 272)	11 826	(326)	(7 159)	0	(12 691)
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	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													
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	62 598	0	0	0	0	0	62 598
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	73 725	0	145 274	0	0	0	78 617	80 000	0	0	0	377 616
Canada	0	0	0	0	0	0	0	0	0	80 802	90 097	76 918	247 817
Denmark	0	0	0	0	0	0	0	0	0	0	0	66 000	66 000
Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	0	0	0	88 000	0	0	0	0	88 000
Holland	0	0	0	0	0	0	0	0	74 317	0	0	0	74 317
Japan	414 357	629 819	687 476	334 856	674 648	481 082	400 951	560 916	277 812	288 345	386 627	329 398	5 466 287
Korea	0	0	142 488	171 322	220 257	0	120 000	143 000	0	143 000	0	0	940 067
Mexico	0	0	141 479	0	0	0	0	0	0	0	0	0	141 479
Italy	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	0	0	0	0	0	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	86 734	0	143 000	0	88 000	317 734
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	53 950	0	53 588	0	0	0	0	0	0	0	0	107 538
Pacific Port	193 696	(89 363)	(88 507)	199 566	(45 032)	91 021	123 337	(208 798)	(25 880)	(143 185)	277 853	(5 038)	279 670
	608 053	668 131	882 936	904 606	849 873	572 103	706 886	748 469	406 249	511 962	754 577	555 278	8 169 123
Port Adjustment	0	(29 419)	(5 003)	(2 995)	(18 451)	0	(5 233)	(4 947)	0	(12 420)	0	0	(78 468)
Total Deliveries	608 053	638 712	877 933	901 611	831 422	572 103	701 653	743 522	406 249	499 542	754 577	555 278	8 090 655
Total Disposition	608 053	638 712	877 933	894 796	849 849	570 015	697 889	754 794	394 423	499 868	761 736	555 278	8 103 346

Summary of Coal Inventories (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	Page 14 2022
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Subbituminous Coal

Opening Inventory	531 908	428 237	446 045	582 707	561 174	421 850	483 317	476 172	683 872	599 033	816 757	852 313	531 908
Added to Inventory	0	17 808	136 662	0	0	61 467	0	207 700	0	217 724	35 556	0	676 917
Removed from Inventory	103 671	0	0	21 533	139 324	0	7 145	0	84 839	0	0	45 038	401 550
Closing Inventory	428 237	446 045	582 707	561 174	421 850	483 317	476 172	683 872	599 033	816 757	852 313	807 275	807 275

Bituminous Metallurgical Raw Coal

Opening Inventory	36 119	36 119	20 277	23 459	2 119	20 613	2 886	8 789	29 406	6 713	34 130	9 915	36 119
Added to Inventory	0	0	3 182	0	18 494	0	5 903	20 617	0	27 417	0	24 444	100 057
Removed from Inventory	0	15 842	0	21 340	0	17 727	0	0	22 693	0	24 215	0	101 817
Closing Inventory	36 119	20 277	23 459	2 119	20 613	2 886	8 789	29 406	6 713	34 130	9 915	34 359	34 359

Bituminous Metallurgical Clean Coal

Opening Inventory	64 188	61 179	72 816	48 350	24 122	13 557	45 505	79 292	38 130	78 108	65 406	41 538	64 188
Added to Inventory	0	11 637	0	0	0	31 948	33 787	0	39 978	0	0	0	117 350
Removed from Inventory	3 009	0	24 466	24 228	10 565	0	0	41 162	0	12 702	23 868	18 573	158 573
Closing Inventory	61 179	72 816	48 350	24 122	13 557	45 505	79 292	38 130	78 108	65 406	41 538	22 965	22 965

Bituminous Thermal Raw Coal

Opening Inventory	622 749	526 669	476 331	668 917	841 086	907 416	668 700	445 540	436 537	312 824	349 304	376 800	622 749
Added to Inventory	0	0	192 586	172 169	66 330	0	0	0	0	36 480	27 496	46 726	541 787
Removed from Inventory	96 080	50 338	0	0	0	238 716	223 160	9 003	123 713	0	0	0	741 010
Closing Inventory	526 669	476 331	668 917	841 086	907 416	668 700	445 540	436 537	312 824	349 304	376 800	423 526	423 526

Bituminous Thermal Clean Coal

Opening Inventory	816 876	806 209	686 104	440 580	317 176	81 917	260 428	341 587	196 778	432 187	543 491	376 323	816 876
Added to Inventory	0	0	0	0	0	178 511	81 159	0	235 409	111 304	0	120 603	726 986
Removed from Inventory	10 667	120 105	245 524	123 404	235 259	0	0	144 809	0	0	167 168	0	1 046 936
Closing Inventory	806 209	686 104	440 580	317 176	81 917	260 428	341 587	196 778	432 187	543 491	376 323	496 926	496 926