

# **ST26: Alberta Coal Industries**

## **Monthly Statistics**

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## Definitions

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**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

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**Tonnes**

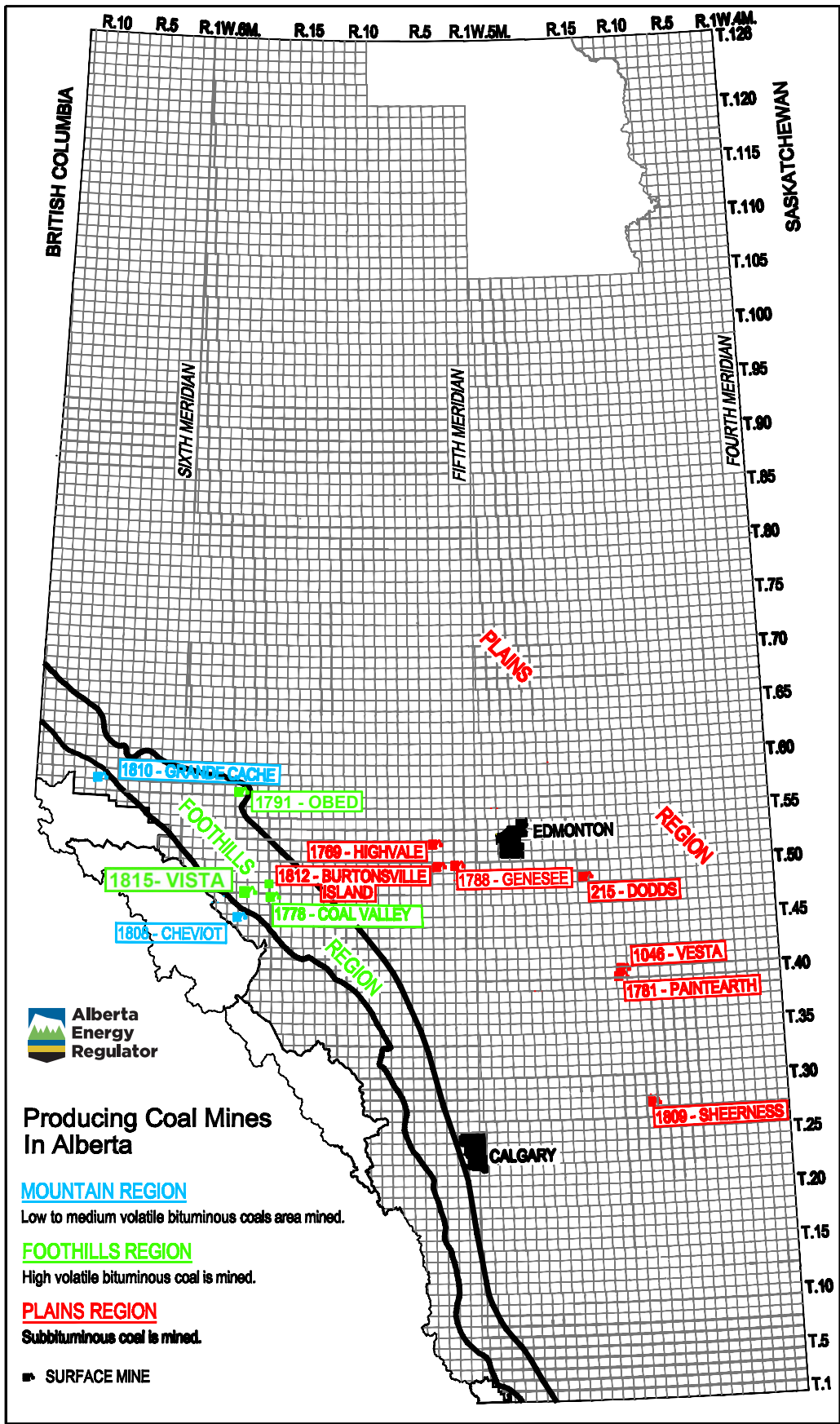
where 1 tonne = 1000 kilograms  
= 1.10231 short tons  
= 0.98421 long tons

## Sub-Bituminous Coal Producers

Company Name AER Mine No.	Type	Common Name	Location
<b>Prairie Mines Ltd.</b>			
Mine No. 1781	Surface	Paintearth	Halkirk Mine
Mine No. 1809	Surface	Sheerness	Sheerness
<b>Epcor Generation Inc.</b>			
Mine No. 1788	Surface	Genesee	Genesee
<b>Dodds Coal Mining Co. Ltd.</b>			
Mine No. 0215	Surface	Dodds	Ryley
<b>Keephills Aggregate Co. Ltd.</b>			
Mine No. 1812	Surface	Burtonsville Island	Burtonsville Island

## Bituminous Coal Producers

<b>Company Name</b> <b>AER Mine No.</b>	<b>Type</b>	<b>Common Name</b>	<b>Location</b>
<b>Cardinal River Coals Ltd.</b>			
Mine No. 1768	Surface	Luscar	Luscar
Mine No. 1808	Surface	Cheviot	Mountain Park
<b>Coal Valley Resources Inc.</b>			
Mine No. 1778	Surface	Coal Valley	Coal Valley
Mine No. 1791	Surface	Obed Mountain	Hinton
<b>CST Canada Coal Ltd.</b>			
Mine No. 1810	Both Surface & Underground	CST Coal	Grande Cache
<b>Coalspur Mines (Operations) Ltd.</b>			
Mine No. 1815	Surface	Coalspur	McLeod River Area



## 2021 Raw Coal Production and Marketable Coal Deliveries (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Raw Coal Production</b>													
Subbituminous	502 149	577 165	477 132	329 622	407 304	405 928	428 053	603 220	305 463	234 659	324 600	354 492	4 949 788
Bituminous Metallurgi	0	0	0	0	0	0	0	0	0	0	19 476	48 121	67 597
Bituminous Thermal	778 352	100 726	0	0	870 371	1 113 542	1 053 692	945 427	900 860	1 233 602	1 256 861	1 168 006	9 421 439
Sub Total	778 352	100 726	0	0	870 371	1 113 542	1 053 692	945 427	900 860	1 233 602	1 276 337	1 216 127	9 489 036
<b>Total Production</b>	<b>1 280 501</b>	<b>677 891</b>	<b>477 132</b>	<b>329 622</b>	<b>1 277 675</b>	<b>1 519 470</b>	<b>1 481 745</b>	<b>1 548 647</b>	<b>1 206 323</b>	<b>1 468 261</b>	<b>1 600 937</b>	<b>1 570 619</b>	<b>14 438 824</b>

## Marketable Coal Deliveries

### Subbituminous

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

Raw	628 667	687 432	531 567	646 029	485 549	525 430	575 894	444 248	404 599	485 210	458 460	613 861	6 486 945
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### Bituminous Metallurgical

(CST Coal and Cardinal River)

Raw	0	0	0	0	0	0	0	0	0	0	0	350	350
Clean	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	350	350

### Bituminous Thermal

(Coal Valley, and Coalspur)

Raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Clean	546 637	179 646	179 646	0	0	0	0	0	0	0	0	0	4 509 047
	546 637	179 646	179 646	0	0	0	0	0	0	0	0	0	4 509 047

<b>Total Deliveries</b>	<b>1 175 304</b>	<b>867 078</b>	<b>711 213</b>	<b>646 029</b>	<b>485 549</b>	<b>525 430</b>	<b>575 894</b>	<b>444 248</b>	<b>404 599</b>	<b>485 210</b>	<b>458 460</b>	<b>614 211</b>	<b>10 996 342</b>
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## Production of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Surface Mines</b>													
Capital Power GP Holdings Inc.	344 523	338 955	337 291	248 308	299 320	313 359	332 356	488 416	227 023	146 214	178 981	234 679	3 489 425
Prairie Mines - Paintearth and Ves	8 277	17 740	0	1 532	14 962	4 427	0	0	0	0	0	0	46 938
Prairie Mines Sheerness	23 906	37 607	4 949	0	0	0	0	0	0	0	0	0	66 462
TA - Highvale	119 761	177 029	128 255	79 034	92 416	87 634	95 319	114 206	76 581	84 104	139 971	114 508	1 308 818
	496 467	571 331	470 495	328 874	406 698	405 420	427 675	602 622	303 604	230 318	318 952	349 187	4 911 643
Dodds Coal Mining Co. Ltd.	5,682	5,834	6,637	748	606	508	378	598	1,859	4,341	5,648	5,305	38 145
Keephills Aggregate Co. Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
	5 682	5 834	6 637	748	606	508	378	598	1 859	4 341	5 648	5 305	38 145
<b>Total Production</b>	<b>502 149</b>	<b>577 165</b>	<b>477 132</b>	<b>329 622</b>	<b>407 304</b>	<b>405 928</b>	<b>428 053</b>	<b>603 220</b>	<b>305 463</b>	<b>234 659</b>	<b>324 600</b>	<b>354 492</b>	<b>4 949 788</b>



## Supply and Disposition of Subbituminous Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Supply</b>													
Opening Inventory	2 196 313	2 068 711	1 957 237	1 901 442	1 584 862	1 506 491	1 313 887	1 165 969	1 324 815	1 165 893	914 436	793 710	17 893 766
Production	502 149	577 165	477 132	329 622	407 304	405 928	428 053	603 220	305 463	234 659	324 600	354 492	4 949 788
	2 698 462	2 645 876	2 434 370	2 231 064	1 992 166	1 912 419	1 741 940	1 769 189	1 630 277	1 400 552	1 239 036	1 148 202	22 843 554
Closing Inventory	2 068 711	1 957 237	1 901 442	1 584 862	1 506 491	1 386 886	1 165 969	1 324 815	1 165 893	914 436	793 710	528 501	16 298 953
Total Supply	629 751	688 639	532 928	646 202	485 675	525 533	575 971	444 374	464 384	486 117	445 326	619 701	6 544 601
<b>Disposition</b>													
Used in Operation	3	3	2	1	0	0	0	0	0	2	3	3	17
Discard	1 081	1 204	1 359	172	126	103	77	126	383	905	1 177	1 103	7 817
Adjustment	0	0	0	0	0	0	0	0	59 402	0	( 14 313)	4 734	49 823
	1 084	1 207	1 361	173	126	103	77	126	59 785	907	( 13 134)	5 840	57 656
<b>Deliveries</b>													
Alberta													
Residential/Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	37	20	3	8	1	1	0	0	49	48	35	67	268
Electric Energy Generation	628 630	687 412	531 563	646 021	485 548	525 429	575 894	444 248	404 550	485 162	458 425	613 794	6 486 677
	628 667	687 432	531 567	646 029	485 549	525 430	575 894	444 248	404 599	485 210	458 460	613 861	6 486 945
Total Deliveries	628 667	687 432	531 567	646 029	485 549	525 430	575 894	444 248	404 599	485 210	458 460	613 861	6 486 945
Total Disposition	629 751	688 639	532 928	646 202	485 675	525 533	575 971	444 374	464 384	486 117	445 326	619 701	6 544 601

**Production of Bituminous Metallurgical Raw Coal (tonnes)**

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Underground Mine</b>													
CST Canada Coal Ltd	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Surface Mines</b>													
Cardinal River Coals Ltd.	0	0	0	0	0	0	0	0	0	0	0	0	0
CST Canada Coal Ltd	0	0	0	0	0	0	0	0	0	0	19 476	48 121	67 597
	0	0	0	0	0	0	0	0	0	0	19 476	48 121	67 597
Total Production	0	0	0	0	0	0	0	0	0	0	19 476	48 121	67 597

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

Coal Valley Resources Inc. - Coal	0	0	0	0	0	0	0	0	39 833	194 914	262 420	329 130	826 297
Coalspur Mines Ltd. - Vista Mine	778 352	100 726	0	0	870 371	1 113 542	1 053 692	945 427	861 027	1 038 688	994 441	838 876	8 595 142
Total Production	778 352	100 726	0	0	870 371	1 113 542	1 053 692	945 427	900 860	1 233 602	1 256 861	1 168 006	9 421 439

## Supply and Disposition of Bituminous Metallurgical Raw Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Supply</b>													
Opening Inventory	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	42 838	469 451
Production	0	0	0	0	0	0	0	0	0	0	19 476	48 121	67 597
	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	58 259	90 959	537 048
Closing Inventory	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	42 838	36 119	466 787
Total Supply	0	0	0	0	0	0	0	0	0	0	15 421	54 840	70 261
<b>Disposition</b>													
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
To Coal Preparation Plants	0	0	0	0	0	0	0	0	0	0	15 421	54 490	69 911
<b>Deliveries</b>													
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	350	350
	0	0	0	0	0	0	0	0	0	0	0	350	350
<b>Removed from Province</b>													
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	350	350
Total Disposition	0	0	0	0	0	0	0	0	0	0	15 421	54 840	70 261

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	2021
<b>Supply</b>													
Opening Inventory	196 616	77 807	178 311	178 311	167 956	66 345	201 424	352 049	255 505	375 608	483 195	411 833	2 944 960
Production	778 352	100 726	0	0	870 371	1 113 542	1 053 692	945 427	900 860	1 233 602	1 256 861	1 168 006	9 421 439
	974 968	178 533	178 311	178 311	1 038 327	1 179 887	1 255 116	1 297 476	1 156 365	1 609 210	1 740 056	1 579 839	12 366 399
Closing Inventory	77 807	178 311	178 311	167 956	66 345	201 424	352 049	255 505	375 608	483 195	411 833	622 749	3 371 093
Total Supply	897 161	222	0	10 355	971 982	978 463	903 067	1 041 971	780 757	1 126 015	1 328 223	957 090	8 995 306
<b>Disposition</b>													
Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
To Alberta Electric Energy Genera	0	0	0	0	0	0	0	0	0	0	0	0	0
To Coal Preparation Plants	897 161	222	0	10 355	971 982	978 463	903 066	1 041 971	780 757	1 126 015	1 328 223	957 090	8 995 305
Total Disposition	897 161	222	0	10 355	971 982	978 463	903 066	1 041 971	780 757	1 126 015	1 328 223	957 090	8 995 305

## Preparation Plant Operations for Bituminous Coal (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	2021
<b>Metallurgical Coal</b>													
<b>Cardinal River Coals Ltd.</b>													
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
<b>CST Canada Coal Ltd</b>													
Processed	0	0	0	0	0	0	0	0	0	0	15 421	54 490	69 911
Discard	0	0	0	0	0	0	0	0	0	0	5 579	12 874	18 453
Clean Coal	0	0	0	0	0	0	0	0	0	0	9 842	41 616	51 458
<b>Sub Total</b>													
Processed	0	0	0	0	0	0	0	0	0	0	15 421	54 490	69 911
Discard	0	0	0	0	0	0	0	0	0	0	5 579	12 874	18 453
Clean Coal	0	0	0	0	0	0	0	0	0	0	9 842	41 616	51 458
<b>Thermal Coal</b>													
<b>Coal Valley Resources Inc. - Coal Valley</b>													
Processed	0	0	0	0	0	0	0	0	0	170 144	281 442	309 025	760 611
Discard	0	0	0	0	0	0	0	0	0	83 571	147 252	134 725	365 548
Clean Coal	0	0	0	0	0	0	0	0	0	86 573	134 190	174 300	395 063
<b>Coalspur Mines (Operations) Ltd. - CoalSpur</b>													
Processed	897 161	222	0	10 355	971 982	978 463	903 066	1 041 971	780 757	955 871	1 046 781	648 065	8 234 694
Discard	423 446	90	0	3 273	364 541	425 982	399 419	382 938	345 210	528 143	426 508	288 622	3 588 172
Clean Coal	473 715	132	0	7 082	607 441	552 481	503 647	659 033	435 547	427 728	620 273	359 443	4 646 522
<b>Sub Total</b>													
Processed	897 161	222	0	10 355	971 982	978 463	903 066	1 041 971	780 757	1 126 015	1 328 223	957 090	8 995 305
Discard	423 446	90	0	3 273	364 541	425 982	399 419	382 938	345 210	611 714	573 760	423 347	3 953 720
Clean Coal	473 715	132	0	7 082	607 441	552 481	503 647	659 033	435 547	514 301	754 463	533 743	5 041 585
<b>Grand Total</b>													
Processed	897 161	222	0	10 355	971 982	978 463	903 066	1 041 971	780 757	1 126 015	1 343 644	1 011 580	9 065 216
Discard	423 446	90	0	3 273	364 541	425 982	399 419	382 938	345 210	611 714	579 339	436 221	3 972 173
Clean Coal	473 715	132	0	7 082	607 441	552 481	503 647	659 033	435 547	514 301	764 305	575 359	5 093 043



# Supply and Disposition of Bituminous Thermal Clean Coal

(tonnes)

## Supply

	January	February	March	April	May	June	July	August	September	October	November	December	2021
Opening Inventory	283 988	211 066	31 552	31 552	38 634	220 212	291 033	500 461	442 484	230 972	117 480	639 837	3 039 271
Production - Clean Coal	473 715	132	0	7 082	607 441	552 481	503 647	659 033	435 547	514 301	754 463	533 743	5 041 585
	757703	211198	31552	38634	646075	772693	794680	1159494	878031	745273	871943	1173580	8 080 856
Closing Inventory	211 066	31 552	31 552	38 634	220 212	291 033	500 461	442 484	230 972	117 480	639 837	816 876	3 572 159
Total Supply	546 637	179 646	0	0	425 863	481 660	294 219	717 010	647 059	627 793	232 106	356 704	4 508 697

## Disposition

Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Deliveries</b>													
<b>Alberta</b>													
<b>Electric Energy Generation</b>	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
<b>Industrial Consumer</b>	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
<b>Removed From Province</b>													
British Columbia	10 346	13 771	0	0	0	0	0	0	0	0	0	0	24 117
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	174 818	145 132	75 972	0	164 676	197 257	73 024	144 172	72 762	88 000	77 477	0	1 213 290
Canada	0	0	0	0	0	328 278	0	0	0	17 547	150 055	165 000	660 880
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	325 235	68 385	0	0	0	0	244 629	338 834	418 259	383 846	90 805	172 670	2 042 663
Korea	0	73 130	0	0	73 102	0	213 992	0	143 348	143 500	74 237	0	721 309
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
Singapore .	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.	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Port	36 238	( 120 606)	( 75 972)	0	271 881	( 43 875)	( 229 426)	234 005	12 689	2 447	( 160 468)	19 034	( 54 053)
	546 637	179 812	0	0	509 659	481 660	302 219	717 011	647 058	635 340	232 106	356 704	4 608 206
Port Adjustment	0	( 166)	0	0	( 83 796)	0	( 8 000)	( 1)	1	( 7 547)	0	0	( 99 509)
Total Deliveries	546 637	179 646	0	0	425 863	481 660	294 219	717 010	647 059	627 793	232 106	356 704	4 508 697
Total Disposition	546 637	179 646	0	0	425 863	481 660	294 219	717 010	647 059	627 793	232 106	356 704	4 508 697

## Summary of Coal Inventories (tonnes)

	January	February	March	April	May	June	July	August	September	October	November	December	
<b>Subbituminous Coal</b>													
Opening Inventory	2 196 313	2 068 711	1 957 237	1 901 442	1 584 862	1 506 491	1 313 887	1 165 969	1 324 815	1 165 893	914 436	793 710	17 893 766
Added to Inventory	0	0	0	0	0	0	0	158 846	0	0	0	0	158 846
Removed from Inventory	127 602	111 474	55 795	316 580	78 371	119 605	147 918	0	158 921	251 458	120 726	265 209	239 076
Closing Inventory	2 068 711	1 957 237	1 901 442	1 584 862	1 506 491	1 386 886	1 165 969	1 324 815	1 165 893	914 436	793 710	528 501	17 813 536

## Bituminous Metallurgical Raw Coal

Opening Inventory	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	42 838	469 451
Added to Inventory	0	0	0	0	0	0	0	0	0	0	4 055	0	4 055
Removed from Inventory	0	0	0	0	0	0	0	0	0	0	0	6 719	6 719
Closing Inventory	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	38 783	42 838	36 119	466 787

## Bituminous Metallurgical Clean Coal

Opening Inventory	25 460	12 730	12 730	12 730	12 730	12 730	12 730	12 730	12 730	12 730	12 730	22 572	175 332
Added to Inventory	0	0	0	0	0	0	0	0	0	0	9 842	41 616	51 458
Removed from Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0
Closing Inventory	25 460	12 730	12 730	12 730	12 730	12 730	12 730	12 730	12 730	12 730	22 572	64 188	226 790

## Bituminous Thermal Raw Coal

Opening Inventory	196 616	77 807	178 311	178 311	167 956	66 345	201 424	352 049	255 505	375 608	483 195	411 833	196 616
Added to Inventory	0	100 504	0	0	0	135 079	150 625	0	120 103	107 587	0	210 916	824 814
Removed from Inventory	118 809	0	0	10 355	101 611	0	0	96 544	0	0	71 362	0	398 681
Closing Inventory	77 807	178 311	178 311	167 956	66 345	201 424	352 049	255 505	375 608	483 195	411 833	622 749	622 749

## Bituminous Thermal Clean Coal

Opening Inventory	283 988	211 066	31 552	31 552	38 634	220 212	291 033	500 461	442 484	230 972	117 480	639 837	283 988
Added to Inventory	0	0	0	7 082	181 578	70 821	209 428	0	0	0	522 357	177 039	1 168 305
Removed from Inventory	72 922	179 514	0	0	0	0	0	57 977	211 512	113 492	0	0	635 417
Closing Inventory	211 066	31 552	31 552	38 634	220 212	291 033	500 461	442 484	230 972	117 480	639 837	816 876	816 876