

Table 2.24a Average Coal Quality at Utah Mines, 2008

Company	Mine	Coal Field	Seam(s)	Heat content	% Sulfur	% Ash	% Moisture
				Btu/lb			
UtahAmerican Energy, Inc.	Aberdeen	Book Cliffs	Aberdeen	12,200	0.5%	8.5%	6.5%
Canyon Fuel, LLC	Dugout Canyon	Book Cliffs	Gilson	12,126	0.8%	na	na
WEST RIDGE Resources, Inc.	West Ridge	Book Cliffs	Lower Sunnyside	11,889	1.0%	13.0%	6.0%
CONSOL Energy	Emery	Emery	I	12,260	na	na	na
Canyon Fuel, LLC	Skyline #3	Wasatch	Lower O'Connor 'A'	11,400	0.3%	11.0%	8.6%
Canyon Fuel, LLC	SUFCO	Wasatch	Upper Hiawatha	11,028	0.4%	10.4%	10.3%
Hiawatha Coal Company	Bear Canyon #4	Wasatch	Tank	11,800	0.5%	11.1%	8.5%
Energy West Mining Co.	Deer Creek	Wasatch	Hiawatha/Blind Canyon	11,700	1.0%	10.0%	5.0%
Hidden Splendor Resources, Inc.	Horizon	Wasatch	Hiawatha	11,700	1.0%	10.0%	5.0%

Source: Utah coal operators

Table 2.24b Average Coal Quality at Utah Mines, 2007

Company	Mine	Coal Field	Seam(s)	Heat content	% Sulfur	% Ash	% Moisture
				Btu/lb			
UtahAmerican Energy, Inc.	Aberdeen	Book Cliffs	Aberdeen	12,200	0.5%	8.5%	6.5%
Canyon Fuel, LLC	Dugout Canyon	Book Cliffs	Gilson	11,600	0.5%	10.3%	8.5%
WEST RIDGE Resources, Inc.	West Ridge	Book Cliffs	Lower Sunnyside	11,889	1.0%	13.0%	6.0%
CONSOL Energy	Emery	Emery	I	12,000	1.0%	10.0%	8.0%
Canyon Fuel, LLC	Skyline #3	Wasatch	Lower O'Connor 'A'	11,600	0.4%	11.3%	10.0%
Canyon Fuel, LLC	SUFCO	Wasatch	Upper Hiawatha	10,994	0.4%	11.3%	10.0%
C.W. (Co-op) Mining Co.	Bear Canyon #4	Wasatch	Tank	11,700	0.7%	12.0%	8.5%
Energy West Mining Co.	Deer Creek	Wasatch	Hiawatha/Blind Canyon	10,900	0.7%	16.6%	9.0%
GENWAL Resources, Inc.	Crandall Canyon	Wasatch	Hiawatha	12,014	0.4%	9.0%	5.0%
Hidden Splendor Resources, Inc.	Horizon	Wasatch	Hiawatha	11,700	0.6%	10.0%	5.0%

Source: Utah coal operators

Table 2.24c Average Coal Quality at Utah Mines, 2006

Company	Mine	Coal Field	Seam(s)	Heat content	% Sulfur	% Ash	% Moisture
				Btu/lb			
UtahAmerican Energy, Inc.	Aberdeen/Pinnacle	Book Cliffs	Aberdeen/Centennial	12,200	0.5%	8.5%	6.5%
Canyon Fuel, LLC	Dugout Canyon	Book Cliffs	Gilson	12,028	0.6%	11.1%	6.5%
WEST RIDGE Resources, Inc.	West Ridge	Book Cliffs	Lower Sunnyside	12,460	1.4%	9.9%	6.4%
CONSOL Energy	Emery	Emery	I	12,000	1.0%	11.0%	8.0%
Canyon Fuel, LLC	Skyline #3	Wasatch	Lower O'Connor 'A'	11,550	0.4%	9.6%	9.0%
Canyon Fuel, LLC	SUFCO	Wasatch	Upper Hiawatha	11,162	0.4%	9.5%	10.6%
C.W. (Co-op) Mining Co.	Bear Canyon #3 & #4	Wasatch	Tank/Blind Canyon	11,700	0.7%	12.0%	7.5%
Energy West Mining Co.	Deer Creek	Wasatch	Hiawatha/Blind Canyon	11,500	0.8%	13.0%	9.0%
GENWAL Resources, Inc.	Crandall Canyon and South C.C.	Wasatch	Hiawatha/Blind Canyon	11,655	0.6%	11.7%	8.8%
Hidden Splendor Resources, Inc.	Horizon	Wasatch	Hiawatha	11,700	0.6%	10.0%	5.0%

Source: Utah coal operators

Table 2.24d Average Coal Quality at Utah Mines, 2005

Company	Mine	Coal Field	Seam(s)	Heat content	% Sulfur	% Ash	% Moisture
				Btu/lb			
Andalex Resources Inc.	Aberdeen/Pinnacle	Book Cliffs	Aberdeen/Centennial	12,200	0.5%	8.5%	6.5%
Canyon Fuel, LLC	Dugout Canyon	Book Cliffs	Gilson	12,058	0.5%	10.4%	6.6%
WEST RIDGE Resources, Inc.	West Ridge	Book Cliffs	Lower Sunnyside	13,052	1.4%	9.6%	6.1%
CONSOL Energy	Emery	Emery	I	12,000	1.0%	10.0%	7.0%
Canyon Fuel, LLC	Skyline #3	Wasatch	Lower O'Connor 'A'	11,680	0.5%	9.0%	8.7%
Canyon Fuel, LLC	SUFCO	Wasatch	Upper Hiawatha	11,243	0.4%	9.2%	10.3%
C.W. (Co-op) Mining Co.	Bear Canyon #3 & #4	Wasatch	Tank/Blind Canyon	11,900	0.7%	12.0%	7.0%
Energy West Mining Co.	Deer Creek	Wasatch	Hiawatha/Blind Canyon	11,500	0.6%	12.0%	8.0%
GENWAL Resources, Inc.	Crandall Canyon and South C.C.	Wasatch	Hiawatha/Blind Canyon	11,305	0.6%	14.2%	8.6%
Hidden Splendor Resources, Inc.	Horizon	Wasatch	Hiawatha	11,700	0.6%	10.0%	5.0%

Source: Utah coal operators

Table 2.24e Average Coal Quality at Utah Mines, 2004

Company	Mine	Coal Field	Seam(s)	Heat content	% Sulfur	% Ash	% Moisture
				Btu/lb			
Andalex Resources Inc.	Aberdeen/Pinnacle	Book Cliffs	Aberdeen/Gilson	12,200	0.5%	8.5%	7.0%
Canyon Fuel, LLC	Dugout Canyon	Book Cliffs	Gilson	11,950	0.6%	10.0%	7.3%
WEST RIDGE Resources, Inc.	West Ridge	Book Cliffs	Lower Sunnyside	12,550	1.2%	8.5%	7.5%
CONSOL Energy	Emery	Emery	I	11,800	0.7%	na	7.0%
Canyon Fuel, LLC	Skyline #3	Wasatch	Lower O'Connor 'A'	11,800	0.5%	9.0%	9.0%
Canyon Fuel, LLC	SUFCO	Wasatch	Upper Hiawatha	11,300	0.4%	9.0%	9.4%
C.W. (Co-op) Mining Co.	Bear Canyon #3 & #4	Wasatch	Hiawatha/Blind Canyon	12,400	0.5%	9.0%	7.0%
Energy West Mining Co.	Deer Creek	Wasatch	Hiawatha/Blind Canyon	12,550	0.4%	10.0%	9.0%
GENWAL Resources, Inc.	Crandall Canyon and South C.C.	Wasatch	Hiawatha	12,300	0.6%	9.0%	7.5%
Hidden Splendor Resources, Inc.	Horizon	Wasatch	Hiawatha	11,950	0.5%	11.0%	7.8%

Source: Utah coal operators