

**Table 3c. Real Average Annual Coal Transportation Costs from Coal Basin to State by Railroad  
(2014 dollars per ton)**

Coal Supply Basin	Destination State	2008	2009	2010	2011	2012	2013	2014
Northern Appalachia	Delaware	W	-	W	W	-	W	W
Northern Appalachia	Florida	-	W	W	W	-	-	W
Northern Appalachia	Georgia	-	W	-	W	-	-	W
Northern Appalachia	Indiana	21.53	17.54	17.87	20.00	W	20.82	21.39
Northern Appalachia	Kentucky	-	-	W	W	W	-	-
Northern Appalachia	Maine	-	-	-	-	W	-	-
Northern Appalachia	Maryland	21.36	21.14	21.92	25.63	24.31	21.02	18.4
Northern Appalachia	Massachusetts	-	-	-	-	W	W	-
Northern Appalachia	Michigan	15.36	17.53	17.43	15.85	17.55	17.81	14.3
Northern Appalachia	New Hampshire	W	W	W	W	W	W	W
Northern Appalachia	New Jersey	W	W	W	W	37.19	24.95	26.9
Northern Appalachia	New York	17.06	20.50	25.34	26.35	26.37	W	W
Northern Appalachia	North Carolina	20.16	23.85	W	31.24	32.88	33.83	34.89
Northern Appalachia	Ohio	15.18	11.86	10.75	11.08	11.45	11.76	11.58
Northern Appalachia	Pennsylvania	13.86	14.88	17.08	17.93	18.92	18.77	16.69
Northern Appalachia	South Carolina	14.32	W	W	W	27.52	W	-
Northern Appalachia	Tennessee	-	-	W	W	-	-	-
Northern Appalachia	Virginia	22.05	W	W	W	W	W	W
Northern Appalachia	West Virginia	W	W	9.74	10.40	9.09	W	11.4
Northern Appalachia	Wisconsin	W	W	W	W	W	W	W
Central Appalachia	Alabama	W	W	W	W	-	-	W
Central Appalachia	Delaware	W	W	W	-	-	W	-
Central Appalachia	Florida	30.76	28.88	31.70	31.30	32.85	31.66	31.11
Central Appalachia	Georgia	27.20	25.28	29.46	22.68	23.57	23.81	20.12
Central Appalachia	Indiana	W	W	-	-	-	-	-
Central Appalachia	Kentucky	14.81	14.30	12.45	13.85	13.58	W	W
Central Appalachia	Maryland	24.28	25.24	23.90	26.33	27.01	27.08	23.01
Central Appalachia	Massachusetts	W	W	W	W	-	-	-
Central Appalachia	Michigan	16.58	17.79	17.59	20.53	18.26	18.37	19.29
Central Appalachia	Mississippi	W	W	W	W	W	W	W
Central Appalachia	Missouri	W	W	W	W	-	-	-
Central Appalachia	New Hampshire	W	W	W	W	W	W	W
Central Appalachia	New Jersey	W	W	W	W	17.48	23.00	38.98
Central Appalachia	New York	31.32	W	W	W	W	-	-
Central Appalachia	North Carolina	25.03	21.85	23.52	24.58	23.94	26.45	26.32
Central Appalachia	Ohio	21.50	12.89	11.02	13.21	W	W	W
Central Appalachia	Pennsylvania	27.54	W	W	W	-	W	-
Central Appalachia	South Carolina	14.76	20.39	21.85	26.37	27.80	30.91	29.41
Central Appalachia	Tennessee	13.54	13.42	16.83	18.13	17.23	W	W
Central Appalachia	Virginia	19.17	17.56	19.05	19.79	20.07	19.46	19.04
Central Appalachia	West Virginia	-	W	9.63	10.39	10.46	10.84	W
Central Appalachia	Wisconsin	-	-	-	-	-	-	W
Southern Appalachia	Alabama	15.72	W	W	W	W	W	W
Southern Appalachia	Georgia	W	W	W	-	-	-	-
Southern Appalachia	Kentucky	-	W	-	-	-	-	-
Southern Appalachia	New Jersey	W	-	-	-	-	-	-
Southern Appalachia	Pennsylvania	-	W	-	-	-	-	-
Illinois Basin	Alabama	W	W	W	W	14.24	15.67	17.23
Illinois Basin	Florida	24.93	W	36.52	34.37	34.91	35.58	30.45
Illinois Basin	Georgia	W	W	W	38.87	38.12	30.48	25.85
Illinois Basin	Illinois	W	W	W	W	11.93	W	-
Illinois Basin	Indiana	5.50	5.28	6.12	7.18	7.51	7.54	7.31
Illinois Basin	Iowa	W	-	-	-	-	-	-
Illinois Basin	Kentucky	6.16	6.39	10.53	9.49	8.39	9.30	9.79
Illinois Basin	Maryland	-	-	-	-	-	W	-
Illinois Basin	Michigan	W	W	W	W	W	W	W
Illinois Basin	Minnesota	W	W	W	-	-	-	-
Illinois Basin	Mississippi	-	-	W	-	W	W	-
Illinois Basin	Missouri	W	W	W	W	W	W	W
Illinois Basin	New York	-	-	W	W	W	W	W
Illinois Basin	North Carolina	-	-	-	W	W	42.48	40.81
Illinois Basin	Ohio	W	-	-	-	W	-	-
Illinois Basin	Pennsylvania	W	W	-	W	-	W	W
Illinois Basin	South Carolina	W	-	W	W	W	W	W
Illinois Basin	Tennessee	W	W	W	17.14	18.13	14.67	14.15
Illinois Basin	West Virginia	-	-	-	W	-	-	-
Illinois Basin	Wisconsin	W	W	W	-	-	-	-
Powder River Basin	Alabama	W	W	W	W	W	18.99	18.08
Powder River Basin	Arizona	24.26	21.31	W	24.83	25.22	25.46	25.16
Powder River Basin	Arkansas	W	19.46	19.61	21.46	22.09	23.84	23.88
Powder River Basin	Colorado	12.43	12.36	12.34	13.17	13.67	13.76	12.63
Powder River Basin	Florida	W	-	-	-	-	W	W
Powder River Basin	Georgia	W	W	W	W	W	W	W

**Table 3c. Real Average Annual Coal Transportation Costs from Coal Basin to State by Railroad  
(2014 dollars per ton)**

Coal Supply Basin	Destination State	2008	2009	2010	2011	2012	2013	2014
Powder River Basin	Illinois	16.37	15.98	16.92	17.08	19.77	21.37	22.08
Powder River Basin	Indiana	26.69	22.49	21.82	31.70	31.10	29.39	W
Powder River Basin	Iowa	11.16	10.56	10.86	11.17	11.33	15.88	15.58
Powder River Basin	Kansas	14.90	14.29	15.27	18.64	19.01	17.90	17.66
Powder River Basin	Kentucky	25.38	W	W	W	W	W	W
Powder River Basin	Louisiana	W	W	W	W	W	31.72	27.65
Powder River Basin	Maryland	W	W	W	W	W	W	W
Powder River Basin	Michigan	19.50	17.72	18.32	30.97	34.45	32.45	29.52
Powder River Basin	Minnesota	16.63	18.09	19.65	21.44	21.15	20.93	20.67
Powder River Basin	Mississippi	W	W	W	W	W	W	W
Powder River Basin	Missouri	16.31	13.91	15.02	17.64	19.15	19.18	20.16
Powder River Basin	Montana	W	W	W	W	W	W	W
Powder River Basin	Nebraska	8.92	10.78	11.67	12.35	14.82	13.98	12.6
Powder River Basin	Nevada	W	35.53	W	W	32.84	W	W
Powder River Basin	New Jersey	-	-	-	W	W	-	-
Powder River Basin	New York	43.10	W	-	-	-	W	W
Powder River Basin	North Dakota	16.86	W	W	W	W	W	15.55
Powder River Basin	Ohio	30.06	28.68	33.20	37.42	42.09	W	44.96
Powder River Basin	Oklahoma	14.80	19.68	19.15	19.50	21.70	22.92	22.09
Powder River Basin	Oregon	W	W	W	W	W	W	W
Powder River Basin	Pennsylvania	W	W	-	-	-	-	-
Powder River Basin	South Dakota	W	W	W	W	W	W	W
Powder River Basin	Tennessee	25.78	22.97	24.18	27.93	30.49	26.19	24.82
Powder River Basin	Texas	15.22	15.64	21.66	21.97	20.77	23.80	24.46
Powder River Basin	Washington	W	W	W	W	W	W	W
Powder River Basin	West Virginia	-	W	W	-	W	-	-
Powder River Basin	Wisconsin	20.66	21.11	21.60	26.87	25.99	26.14	25.2
Powder River Basin	Wyoming	W	W	W	W	W	W	W
Uinta Basin	Alabama	35.27	W	W	W	W	W	W
Uinta Basin	Arizona	W	W	-	W	W	-	W
Uinta Basin	Arkansas	W	-	-	-	-	-	-
Uinta Basin	California	32.15	35.47	40.60	38.65	W	W	W
Uinta Basin	Colorado	15.51	9.18	9.69	11.52	11.03	10.63	10.47
Uinta Basin	Florida	-	-	-	-	-	W	-
Uinta Basin	Georgia	W	-	-	-	-	-	-
Uinta Basin	Illinois	-	-	W	W	W	W	-
Uinta Basin	Indiana	-	W	W	-	-	-	W
Uinta Basin	Iowa	W	-	-	-	-	-	-
Uinta Basin	Kentucky	W	W	W	W	W	W	W
Uinta Basin	Maryland	-	-	-	-	-	-	W
Uinta Basin	Michigan	W	W	W	33.58	W	W	W
Uinta Basin	Mississippi	W	W	W	W	W	W	W
Uinta Basin	Missouri	W	W	W	W	W	-	-
Uinta Basin	Nebraska	W	W	-	-	-	-	-
Uinta Basin	Nevada	W	W	W	W	W	W	W
Uinta Basin	New York	-	-	-	W	-	-	-
Uinta Basin	Oklahoma	-	W	-	W	W	-	-
Uinta Basin	Tennessee	27.10	25.74	27.09	30.82	31.16	28.68	29.62
Uinta Basin	Utah	W	W	W	W	W	W	W
Uinta Basin	Virginia	-	W	W	W	W	-	-
Uinta Basin	Wisconsin	W	W	W	W	W	-	W

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

W = Withheld to avoid disclosure of individual company data.

Notes: Rates are based on a weighted average of the difference between the commodity cost and total delivered cost of coal shipments to plants in the electric power sector. In addition, the rates are based on the primary transport mode selected by a plant's owner or operator so may include other secondary or tertiary modes. Values are presented in 2014 dollars and were converted using the Implicit Price Deflators for Gross Domestic Product, as published by the U.S. Bureau of Economic Analysis. For the composition of coal basins, refer to the definition of "coal-producing regions" in EIA's glossary at [www.eia.gov/tools/glossary](http://www.eia.gov/tools/glossary).