Table 3b. Average Annual Coal Transportation Costs from Coal Basin to State by Waterway (2024 dollars per ton)

Coal Supply Basin	Destination State	2008	2009	2010	2011	2012	2013	2014	2015
Northern Appalachia	Florida	W	-	W	W	W	-	-	-
Northern Appalachia	Indiana	W	W	W	W	$14.42	W	W	W
Northern Appalachia	Kentucky	$7.92	$7.27	$6.69	$7.43	$7.55	$7.66	$8.27	$7.68
Northern Appalachia	Maryland	-	-	-	-	-	-	-	-
Northern Appalachia	Mississippi	-	-	W	-	W	-	-	-
Northern Appalachia	New Hampshire	-	-	-	-	-	-	-	-
Northern Appalachia	New Jersey	-	-	-	-	-	-	-	-
Northern Appalachia	Ohio	$6.57	$5.27	$4.36	$4.91	$3.84	$4.34	$4.79	$4.36
Northern Appalachia	Pennsylvania	$4.97	$4.53	$5.05	$4.87	$5.15	$5.36	$6.06	$4.32
Northern Appalachia	Tennessee	W	W	W	-	W	-	-	-
Northern Appalachia	West Virginia	$3.03	$5.22	$4.36	$3.91	$4.38	$5.40	$5.77	$4.61
Northern Appalachia	Wisconsin	-	W	-	-	-	-	-	-
Central Appalachia	Alabama	W	W	W	-	W	-	W	W
Central Appalachia	Florida	$18.13	$17.42	$16.48	$10.48	$11.55	W	$12.61	W
Central Appalachia	Indiana	W	$11.96	$6.09	$7.70	$9.83	$11.21	$12.21	$14.75
Central Appalachia	Iowa	W	-	-	-	-	-	-	-
Central Appalachia	Kentucky	$5.96	$5.64	$5.69	$6.58	$6.87	$7.63	$5.68	$5.03
Central Appalachia	Michigan	-	-	-	W	-	-	-	-
Central Appalachia	Mississippi	-	-	W	W	-	-	W	W
Central Appalachia	Ohio	$5.93	$5.26	$6.40	$6.68	$8.87	$7.33	$8.63	$10.26
Central Appalachia	Pennsylvania	W	W	W	W	-	-	-	-
Central Appalachia	South Carolina	-	-	-	W	-	-	-	-
Central Appalachia	Tennessee	-	W	W	-	-	-	W	W
Central Appalachia	Virginia	-	-	W	W	W	-	-	-
Central Appalachia	West Virginia	W	$7.54	$4.27	$4.34	$3.75	$4.85	$5.12	$5.86
Central Appalachia	Wisconsin	-	-	-	-	-	-	W	-
Southern Appalachia	Alabama	$5.50	$5.52	$5.93	$5.00	W	$5.97	W	W
Southern Appalachia	Ohio	W	-	-	-	-	-	-	-
Illinois Basin	Alabama	$26.11	$24.13	$26.66	$31.82	W	W	W	W
Illinois Basin	Florida	W	$14.36	$16.91	$19.67	$20.64	$20.80	$18.52	$16.03
Illinois Basin	Indiana	W	$4.92	W	$5.79	$5.00	$10.24	W	W
Illinois Basin	Iowa	W	W	-	W	-	-	-	-
Illinois Basin	Kentucky	$7.12	$7.07	$7.67	$7.49	$7.30	$6.97	$6.66	$5.73
Illinois Basin	Louisiana	-	-	-	W	W	W	W	W
Illinois Basin	Minnesota	-	-	-	W	W	W	-	-
Illinois Basin	Mississippi	-	-	W	W	W	W	W	W
Illinois Basin	Missouri	-	W	W	-	-	-	-	-
Illinois Basin	Ohio	$8.83	$8.93	$8.48	$9.53	$9.89	$7.97	$8.57	$8.00
Illinois Basin	Pennsylvania	W	W	$32.25	$28.93	$27.68	-	-	-
Illinois Basin	Tennessee	W	W	$5.18	W	W	W	W	W
Illinois Basin	West Virginia	W	W	W	$11.34	$18.97	$18.45	$13.62	W
Illinois Basin	Wisconsin	-	-	W	-	-	-	W	-
Powder River Basin	Alabama	-	-	W	-	-	-	-	-
Powder River Basin	Illinois	W	$16.17	$17.88	W	-	-	W	-
Powder River Basin	Indiana	W	W	-	W	-	-	-	-
Powder River Basin	Iowa	W	$18.69	W	W	-	-	-	-
Powder River Basin	Kentucky	-	-	W	-	-	-	-	-
Powder River Basin	Louisiana	-	-	-	-	-	-	-	-
Powder River Basin	Michigan	-	-	W	W	-	-	-	-
Powder River Basin	Mississippi	-	-	W	-	-	-	-	-
Powder River Basin	Ohio	W	$31.66	$25.28	W	-	-	-	-
Powder River Basin	Pennsylvania	W	W	W	W	-	-	-	-
Powder River Basin	Tennessee	-	W	W	-	-	-	W	W
Powder River Basin	Texas	-	-	-	-	-	-	-	-
Powder River Basin	West Virginia	$6.80	$7.00	$45.79	W	-	-	-	-
Powder River Basin	Wisconsin	W	W	W	-	-	-	W	-
Uinta Region	Alabama	W	-	-	-	-	-	-	-
Uinta Region	Florida	$15.80	$14.65	$23.14	W	-	-	-	W
Uinta Region	Indiana	W	-	-	W	-	-	-	-
Uinta Region	Iowa	W	-	-	-	-	-	-	-
Uinta Region	Kentucky	W	-	-	-	-	-	-	-
Uinta Region	Mississippi	-	-	W	-	-	-	-	-
Uinta Region	Ohio	-	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 2024 dollars.

For the composition of coal basins, refer to the definition of "coal-producing regions" in EIA's glossary at www.eia.gov/tools/glossary.

Table 3b. Average Annual Coal Transportation Costs from Coal Basin to State by Waterway (2024 dollars per ton)

Coal Supply Basin	Destination State	2016	2017	2018	2019	2020	2021	2022	2023	2024
Northern Appalachia	Florida	-	W	W	-	-	W	W	W	W
Northern Appalachia	Indiana	-	-	-	-	-	W	W	-	-
Northern Appalachia	Kentucky	$7.09	$7.55	$5.75	$5.83	$5.69	$6.47	$8.17	$8.87	$8.86
Northern Appalachia	Maryland	-	-	-	W	W	W	-	-	-
Northern Appalachia	Mississippi	-	-	-	-	-	W	-	-	-
Northern Appalachia	New Hampshire	-	-	-	-	-	W	-	-	-
Northern Appalachia	New Jersey	-	-	-	-	-	-	W	-	-
Northern Appalachia	Ohio	$4.68	$3.89	$4.23	$4.13	$4.30	$4.32	$4.94	$4.97	$4.77
Northern Appalachia	Pennsylvania	$3.51	$4.50	$7.40	$8.33	$9.21	$11.95	$12.14	W	W
Northern Appalachia	Tennessee	-	-	-	-	-	W	-	-	-
Northern Appalachia	West Virginia	$3.99	$3.61	$4.18	$4.03	$4.19	$4.33	$5.89	$6.10	$7.09
Northern Appalachia	Wisconsin	-	-	-	-	-	-	-	-	-
Central Appalachia	Alabama	W	-	-	W	W	-	-	-	-
Central Appalachia	Florida	W	-	-	-	-	-	W	W	-
Central Appalachia	Indiana	W	W	W	W	W	W	W	W	W
Central Appalachia	Iowa	-	-	-	-	-	-	-	-	-
Central Appalachia	Kentucky	$4.84	$4.07	W	W	W	W	$6.18	$4.70	$4.84
Central Appalachia	Michigan	-	-	-	-	-	-	-	-	-
Central Appalachia	Mississippi	-	-	-	-	-	-	-	-	-
Central Appalachia	Ohio	$5.30	$6.41	W	W	W	$6.14	W	W	W
Central Appalachia	Pennsylvania	-	-	W	-	-	-	-	-	-
Central Appalachia	South Carolina	-	-	-	-	-	-	-	-	-
Central Appalachia	Tennessee	-	-	-	-	-	-	W	W	-
Central Appalachia	Virginia	-	-	-	-	-	-	-	-	-
Central Appalachia	West Virginia	$6.60	$5.42	$5.00	$4.97	$5.85	$5.11	$5.52	$4.53	$4.78
Central Appalachia	Wisconsin	-	-	-	-	-	-	-	-	-
Southern Appalachia	Alabama	W	-	-	-	-	-	-	-	-
Southern Appalachia	Ohio	-	-	-	-	-	-	-	-	-
Illinois Basin	Alabama	W	W	W	W	-	-	-	-	-
Illinois Basin	Florida	$13.61	$10.82	W	W	W	W	W	W	W
Illinois Basin	Indiana	W	W	W	W	W	W	W	W	W
Illinois Basin	Iowa	-	-	-	-	-	-	-	-	-
Illinois Basin	Kentucky	$5.10	$5.30	$5.25	$5.45	$5.27	$5.50	$7.01	$7.24	$7.44
Illinois Basin	Louisiana	W	W	W	W	W	W	W	W	W
Illinois Basin	Minnesota	-	-	-	-	-	-	-	-	-
Illinois Basin	Mississippi	W	W	W	-	W	W	-	-	W
Illinois Basin	Missouri	-	-	-	-	-	-	-	-	-
Illinois Basin	Ohio	$7.18	$5.80	$5.96	$7.17	$6.59	$7.21	$7.79	$9.72	W
Illinois Basin	Pennsylvania	-	-	-	-	-	-	-	-	-
Illinois Basin	Tennessee	W	W	W	W	W	W	W	W	W
Illinois Basin	West Virginia	W	-	-	-	W	W	W	W	W
Illinois Basin	Wisconsin	-	-	-	-	-	-	-	-	-
Powder River Basin	Alabama	-	-	-	-	-	-	-	-	-
Powder River Basin	Illinois	W	-	-	-	-	-	-	-	-
Powder River Basin	Indiana	-	-	-	-	-	W	-	-	-
Powder River Basin	Iowa	-	-	-	-	-	-	-	-	-
Powder River Basin	Kentucky	-	-	-	-	-	-	W	W	-
Powder River Basin	Louisiana	-	-	-	-	W	-	-	-	-
Powder River Basin	Michigan	-	-	-	-	-	-	-	-	-
Powder River Basin	Mississippi	-	-	-	-	-	-	-	-	-
Powder River Basin	Ohio	-	W	-	-	-	-	-	-	-
Powder River Basin	Pennsylvania	-	-	-	-	-	-	-	-	-
Powder River Basin	Tennessee	-	-	-	-	-	-	-	-	-
Powder River Basin	Texas	W	-	-	-	-	-	-	-	-
Powder River Basin	West Virginia	-	-	-	-	-	-	-	-	-
Powder River Basin	Wisconsin	-	-	-	-	-	-	-	-	-
Uinta Region	Alabama	-	-	-	-	-	-	-	-	-
Uinta Region	Florida	W	-	-	-	-	-	-	-	-
Uinta Region	Indiana	-	-	-	-	-	-	-	-	-
Uinta Region	Iowa	-	-	-	-	-	-	-	-	-
Uinta Region	Kentucky	-	-	-	-	-	-	-	-	-
Uinta Region	Mississippi	W	-	-	-	-	-	-	-	-
Uinta Region	Ohio	-	-	-	-	-	-	-	-	-

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

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