

Black Hills Power - Total Summary

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
				2243.54	375.79	353.34	449.05	426.43
Northern Hills		666.21	57.38	57.38	131.59	89.23	239.09	69.1
Southern Hills		575.01	165.2	153.84	148.04	136.28	90.42	39.22
Rapid City		455.58	93.71	82.62	142.42	173.92	108.29	76.78
Wyoming		54.05	0	0	0	0	4.59	0
Montana		26.69	0	0	0	0	0	0
69kV		466	59.5	59.5	27	27	13.5	0

Black Hills Power - Northern Hills Area

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
		666.21	57.38	57.38	131.59	89.23	239.09	69.1
N. Hills	HCR401	1.09					1.09	
N. Hills	HCR402	5.85			5.85	0.9	4.95	
N. Hills	HCR403	5.50					5.5	
N. Hills	HCR404	2.04					2.04	
N. Hills	HVW1215	13.06						
N. Hills	HVW1216	2.50						
N. Hills	MTV2416	11.91					11.91	
N. Hills	MTV2417	45.38					45.38	
N. Hills	MTV2418	38.77					38.77	
N. Hills	PLM1201	20.74			20.74	4.8	16.59	13.40
N. Hills	PLM1202	10.00					10.00	
N. Hills	PLM1203	0.94					0.94	0.94
N. Hills	PLM1204	57.10	57.1	57.1				
N. Hills	PLM1205	6.39			6.39	6.39		
N. Hills	PLM1206	4.16					4.16	
N. Hills	RHS1201	0.28	0.28	0.28				
N. Hills	SHL2470	56.09			56.09	56.09		
N. Hills	SHL2471	27.28					27.28	
N. Hills	SHL2472	7.93			7.93	7.93		
N. Hills	SHL2473	8.22			8.22	8.22		
N. Hills	SPC1291	2.87						
N. Hills	SPC1292	2.62						
N. Hills	SPC1293	3.07						
N. Hills	SPG1221	3.72						
N. Hills	SPG1222	7.97						
N. Hills	SPG1223	6.19						
N. Hills	SPP1286	1.12						
N. Hills	SPP1287	5.85						
N. Hills	STG1201	29.01						
N. Hills	STG1202	3.46						
N. Hills	STG1203	7.30						
N. Hills	STG1209	3.02						
N. Hills	STG1210	3.71						
N. Hills	STG1211	8.02						
N. Hills	TRO1209	21.92						2.31
N. Hills	TRO1210	1.66						
N. Hills	WFL1207	47.76					47.76	30.95
N. Hills	WFL1212	26.37			26.37	4.9	22.72	21.5
N. Hills	WTW2W13	51.85						
N. Hills	WTW2W5	91.43						
N. Hills	WTW2W9	12.06						

Black Hills Power - Rapid City Area

District	Circuit	Overhead Miles 455.58	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
			93.71	82.62	142.42	173.92	108.29	76.78
Rapid City	ANA1225	4.49			4.49	4.49		
Rapid City	ANA1226	4.72			4.72	4.72		
Rapid City	ANA1227	3.34			3.34	3.34		
Rapid City	B24242	9.03						
Rapid City	B24245	0.01						
Rapid City	B24269	1.49						
Rapid City	B242L34	3.25						
Rapid City	CBLRC325	0.72			0.72	0.72		
Rapid City	CBLRC326	7.03			7.03	7.03		
Rapid City	CBLRC327	2.79			2.79	2.79		
Rapid City	CEM1211	7.41	7.41	4.50	2.91	2.91		
Rapid City	CEM1212	1.21	1.21	1.21				
Rapid City	CEM1213	3.26	3.26	1.26	2.00	2.00		
Rapid City	CEM1223	6.25	6.25	5.43	0.82	0.82		
Rapid City	CEM1224	4.18	4.18	2.63	1.55	1.55		
Rapid City	CLV1287	3.41	3.41	3.41				
Rapid City	CLV1288	0.35	0.35	0.35				
Rapid City	CLV1289	0.06	0.06	0.06				
Rapid City	CLV1290	0.24	0.24	0.24				
Rapid City	CSS1216	6.65	6.65	6.65				
Rapid City	CSS1217	4.43	4.43	4.43				
Rapid City	CSS1218	2.40	2.4	2.4				
Rapid City	CYR1251	0.82						
Rapid City	CYR1252	0.28						
Rapid City	CYR1253	2.16						
Rapid City	CYR1262	0.95						
Rapid City	ENS1241	3.69						
Rapid City	ENS1242	3.32						
Rapid City	ENS1243	2.71						
Rapid City	ENS1246	3.88						
Rapid City	ENS1247	0.72						
Rapid City	ENS1248	5.46						
Rapid City	FFS1256	6.78	6.78	2.97	3.81	3.81		
Rapid City	FFS1257	9.29			9.29	9.29		
Rapid City	FFS1258	17.24			17.24	17.24		
Rapid City	FIF1214	5.45						
Rapid City	FIF1215	2.16						
Rapid City	FIF1220	7.56						
Rapid City	FIF1221	0.10						
Rapid City	FST408	0.62	0.62	0.62				
Rapid City	FST409	0.59	0.59	0.59				
Rapid City	FST410	0.72	0.72	0.72				
Rapid City	FST411	0.80	0.8	0.8				
Rapid City	LNG212	6.68						

Black Hills Power - Rapid City Area

Rapid City	LNG287	10.76						
Rapid City	LNG291	25.61						
Rapid City	MER1208	6.80				6.8	6.8	0
Rapid City	MER1209	8.11				8.11	8.11	0
Rapid City	MER1210	7.31				7.31	7.31	0
Rapid City	MER1261	0.41				0.41	0.41	0
Rapid City	MLL2436	14.97					14.97	14.97
Rapid City	MLL2437	0.90					0.9	0.9
Rapid City	MLL2438	0.41					0.41	0.41
Rapid City	PAC2S82	38.74	35.33	35.33				
Rapid City	PLVRC300	28.88					28.88	28.88
Rapid City	PLVRC301	6.37					6.37	6.37
Rapid City	PLVRC302	9.13					9.13	9.13
Rapid City	PMT2456	31.60			31.6	31.6		
Rapid City	PMT2457	22.49			22.49	22.49		
Rapid City	PMT2458	25.40			25.4	25.4		
Rapid City	RAD1271	3.38				2.46	3.38	0.92
Rapid City	RAD1272	4.66				1.32	4.66	3.33
Rapid City	RAD1273	11.87					11.87	11.87
Rapid City	ROB1201	8.79						
Rapid City	ROB1202	6.37						
Rapid City	ROB1203	3.88						
Rapid City	SRD1282	3.53				3.53	3.53	0
Rapid City	SRD1283	1.56				1.56	1.56	0
Rapid City	TESRC343	1.85						
Rapid City	TESRC347	9.35	9.02	9.02				
Rapid City	TESRC355	1.53						
Rapid City	WBV401	0.91			0.91	0.91		
Rapid City	WBV402	0.60			0.6	0.6		
Rapid City	WBV403	0.13			0.13	0.13		
Rapid City	WBV404	0.58			0.58	0.58		

Black Hills Power - Southern Hills Area

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
		575.01	165.2	153.84	148.04	136.28	90.42	39.22
S. Hills	ARG704	86.87			86.87	75.11	11.76	
S. Hills	CUS1201	24.47						
S. Hills	CUS1202	37.20						
S. Hills	CUS1203	60.51						
S. Hills	CUS242400	20.25	0.28	0.28				
S. Hills	CUS242S45	60.97	8.66	8.66				
S. Hills	EDG1201	44.46	44.46	44.46				
S. Hills	EDG241	2.29	2.29	2.29				
S. Hills	EDG242	6.17	6.17	6.17				
S. Hills	EDG243	1.74	1.74	1.74				
S. Hills	HIL2S54	11.64					11.64	11.64
S. Hills	HIL2S67	34.25					34.25	27.58
S. Hills	HIL2S72	32.77					32.77	
S. Hills	HSC1206	50.46	50.46	39.1	11.36	11.36		
S. Hills	HSC1207	4.42	4.42	4.42				
S. Hills	HSC1208	1.91	1.91	1.91				
S. Hills	HSC1209	0.02	0.02	0.02				
S. Hills	PRO1220	44.79	44.79	44.79				
S. Hills	WHL1201	19.27			19.27	19.27		
S. Hills	WHL1202	30.54			30.54	30.54		

Black Hills Power - Wyoming Area

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
		54.05	0	0	0	0	4.59	0
WY	COL2401	3.46						
WY	NEW401	6.50						
WY	NEW403	5.07						
WY	NEW404	7.66						
WY	NEW405	5.68						
WY	NSE408	2.59					2.59	
WY	NSW422	0.43					0.43	
WY	NSW423	1.57					1.57	
WY	OSC1201	9.66						
WY	UPT401	6.47						
WY	UPT402	4.95						
WY	WRF408	0.01						

Black Hills Power - Montana Area

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
		26.69	0	0	0	0	0	0
MT	BLC2010	15.42						
MT	BLC2016	4.83						
MT	BLC2033	6.01						
MT	BTP	0.43						

Black Hills Power - 69kV Area

District	Circuit	Overhead Miles	2013		2014		2015	
			Predicted	Actual	Predicted	Actual	Predicted	Actual
		466.00	59.5	59.5	27	27	13.5	0
47kV	Edgemont to Provo	7.50	7.5	7.5				
69kV	Sundance Hill to Belle Creek	74.00						
69kV	Sundance Hill to Lookout #1	13.00			13	13		
69kV	Sundance Hill to Lookout #2	10.00			10	10		
69kV	Custer to Edgemont	38.00						
69kV	Custer to Hot Springs	24.00						
69kV	Hot Springs to Edgemont	19.00						
69kV	Pactola to Hill City	11.50						
69kV	Hill City to Custer	13.50					13.5	
69kV	Pactola to Ben French	12.00						
69kV	Pactola to Windy Flats	16.00						
69kV	Windy Flatts to Pluma	7.00						
69kV	Ben French to Lange #1	3.00	3	3				
69kV	Ben French to Lange #2	3.00	3	3				
69kV	Ben French to Lange #3	3.00	3	3				
69kV	Rapid City Loop (North)	23.50						
69kV	Rapid City Loop (South)							
69kV	Lange to Sturgis	25.00						
69kV	Sturgis to Whitewood	4.00	4	4				
69kV	Whitewood to Sundance Hill	22.00	22	22				
69kV	Whitewood to Spruce Gulch	12.00						
69kV	Spruce Gulch to Pluma	2.00						
69kV	Osage to Newcastle (north)	15.00	15	15				
69kV	Osage to Newcastle/Salt Creek (south)	15.00						
69kV	Osage to Upton	16.00						
69kV	Pluma to Kirk	3.00						
69kV	Pluma to Yellow Creek	4.00						
69kV	Yellow Creek to Kirk to Lookout #2 (east)	18.00						
69kV	Yellow Creek to Lookout #1 (West)	20.00						
69kV	Piedmont Tap	4.00			4	4		
69kV	Trojan Tap	2.00	2	2				
69kV	Colony Tap	1.00						
69kV	Yellow Creek to Dumont	7.00						
69kV	Pactola to Clinton	15.00						
	Pactola to BHEC Custer	3.00						