

# **SECTION 7**

**Montana-Dakota Utilities Company**

**Electric Plant**

**341.10 Other Production Structures & Improvements**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

Salvage Value: 0 %

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>

**GLENDIVE TURBINE**

*Interim Survivor Curve: Iowa 70 RI*

*Probable Retirement Year: 2022*

1979	201.70	7.27	38.63	0.81179	164
1983	4,718.63	7.29	35.49	0.79452	3,750
1989	11,483.74	7.32	30.57	0.76060	8,735
1993	1,620.51	7.33	27.16	0.73007	1,184
1994	1,424.22	7.34	26.30	0.72105	1,027
1997	974.64	7.34	23.66	0.68964	673
2008	257,912.63	7.38	13.61	0.45800	118,125

**Total** 278,336.07

133,657

**GLENDIVE II TURBINE**

*Interim Survivor Curve: Iowa 70 RI*

*Probable Retirement Year: 2046*

2008	15,386.47	29.00	34.68	0.16387	2,522
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**Total** 15,386.47

2,522

**MILES CITY TURBINE**

*Interim Survivor Curve: Iowa 70 RI*

*Probable Retirement Year: 2019*

1978	4,636.58	4.42	37.07	0.88086	4,085
1996	5,264.17	4.44	21.88	0.79693	4,196
2005	29,641.95	4.45	13.61	0.67276	19,942
2006	32,225.75	4.45	12.66	0.64829	20,892

**Montana-Dakota Utilities Company**

**Electric Plant**

**341.10 Other Production Structures & Improvements**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
2008	75,421.88	4.46	10.76	0.58597	44,195
2013	60,431.80	4.46	5.93	0.24799	14,987
<b>Total</b>	207,622.13				108,297

**PORTABLE GENERATORS**

**Interim Survivor Curve: Iowa 70 RI**

**Probable Retirement Year: 2047**

2005	30,137.23	29.66	37.86	0.21643	6,523
2012	135,973.35	30.03	32.23	0.06847	9,310
<b>Total</b>	166,110.58				15,833
<b>Account Total</b>	667,455.25				260,309.91

**Montana-Dakota Utilities Company**

**Electric Plant**

**342.00 Fuel Holders, Producers & Accessories**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
<b>GLENDIVE TURBINE</b>					
<i>Interim Survivor Curve: Iowa 43 R5</i>					
<i>Probable Retirement Year: 2022</i>					
1980	4,305.00	6.45	40.14	0.83924	3,613
1987	1,172.41	7.27	34.67	0.79034	927
1991	11,079.56	7.42	30.91	0.75983	8,419
1993	22,315.05	7.46	28.96	0.74233	16,566
1994	65,828.13	7.47	27.97	0.73281	48,240
2007	204,752.46	7.50	15.00	0.50000	102,377
<b>Total</b>	309,452.61				180,142
<b>GLENDIVE II TURBINE</b>					
<i>Interim Survivor Curve: Iowa 43 R5</i>					
<i>Probable Retirement Year: 2046</i>					
2006	102,515.47	30.31	38.81	0.21903	22,454
2007	11,289.90	30.56	38.06	0.19705	2,225
2009	1,941,845.46	30.93	36.43	0.15096	293,134
<b>Total</b>	2,055,650.83				317,813
<b>MILES CITY TURBINE</b>					
<i>Interim Survivor Curve: Iowa 43 R5</i>					
<i>Probable Retirement Year: 2019</i>					
1975	74,848.64	3.70	41.21	0.91022	68,129
1978	258.35	4.03	39.50	0.89791	232
1980	2,072.92	4.19	38.06	0.88992	1,845

**Montana-Dakota Utilities Company**

**Electric Plant**

**342.00 Fuel Holders, Producers & Accessories**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
1988	11,257.93	4.45	30.91	0.85594	9,637
1991	5,393.54	4.48	27.97	0.83977	4,530
2013	107,005.90	4.50	6.00	0.25000	26,752
<b>Total</b>	200,837.28				111,125

**PORTABLE GENERATORS**

**Interim Survivor Curve: Iowa 43 R5**

**Probable Retirement Year: 2047**

2005	20,091.49	30.64	40.14	0.23669	4,756
2012	135,973.35	32.17	34.67	0.07210	9,804
<b>Total</b>	156,064.84				14,560

**Account**

**Total 2,722,005.56 623,640.44**

**Montana-Dakota Utilities Company**

**Electric Plant**

**344.10 Generators**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
<b>HESKETT III GAS TURBINE</b>					
<i>Interim Survivor Curve: Iowa 55 R3</i>					
<i>Probable Retirement Year: 2057</i>					
2014	52,131,730.78	40.23	40.73	0.01214	632,761
<b>Total</b>	52,131,730.78				632,761
<b>GLENDIVE TURBINE</b>					
<i>Interim Survivor Curve: Iowa 55 R3</i>					
<i>Probable Retirement Year: 2022</i>					
1979	4,460,173.97	7.15	40.73	0.82456	3,677,672
1980	7,320.08	7.17	39.93	0.82040	6,006
1981	278,930.23	7.19	39.11	0.81604	227,620
1982	2,194.14	7.22	38.28	0.81149	1,781
1983	319,427.63	7.24	37.43	0.80670	257,683
1984	4,297.67	7.26	36.58	0.80167	3,446
1986	9,144.04	7.29	34.84	0.79077	7,231
1987	111.98	7.30	33.95	0.78486	88
1994	134,105.48	7.39	27.52	0.73153	98,103
1999	1,582.84	7.43	22.75	0.67344	1,066
2000	176,856.20	7.44	21.78	0.65864	116,486
2005	6,048.10	7.46	16.90	0.55849	3,378
2006	17,362.81	7.47	15.92	0.53094	9,219
2007	1,298,998.74	7.47	14.93	0.49972	649,134
2011	19,242.42	7.48	10.97	0.31801	6,120
<b>Total</b>	6,735,796.33				5,065,033

**Montana-Dakota Utilities Company**

**Electric Plant**

**344.10 Generators**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>

**GLENDIVE II TURBINE**

*Interim Survivor Curve: Iowa 55 R3*

*Probable Retirement Year: 2046*

2003	17,938,437.97	29.49	40.73	0.27603	4,951,500
2007	29,945.96	30.06	37.43	0.19712	5,904
<b>Total</b>	17,968,383.93				4,957,403

**MILES CITY TURBINE**

*Interim Survivor Curve: Iowa 55 R3*

*Probable Retirement Year: 2019*

1972	1,865,820.31	4.30	43.78	0.90180	1,682,600
1973	15,141.51	4.31	43.04	0.89978	13,625
1995	9,112.50	4.47	23.71	0.81165	7,397
1996	4,888.57	4.47	22.75	0.80356	3,929
2000	177,974.74	4.48	18.86	0.76253	135,712
2004	556,340.68	4.49	14.93	0.69952	389,174
2011	18,860.23	4.49	7.99	0.43728	8,248
2013	20,175.83	4.50	5.99	0.24989	5,042
<b>Total</b>	2,668,314.37				2,245,726

**PORTABLE GENERATORS**

*Interim Survivor Curve: Iowa 55 R3*

*Probable Retirement Year: 2047*

2005	191,299.80	30.61	39.93	0.23329	44,630
2012	1,206,071.50	31.48	33.95	0.07285	87,864

**Montana-Dakota Utilities Company**

**Electric Plant**

**344.10 Generators**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
<b>Total</b>	1,397,371.30				132,493

**ORMAT GENERATION FACILITY**

**Interim Survivor Curve: Iowa 55 R3**

**Probable Retirement Year: 2029**

2009	14,990,109.57	14.38	19.84	0.27529	4,126,615
2012	122,659.37	14.41	16.90	0.14716	18,052
2013	71,353.50	14.42	15.92	0.09381	6,694
<b>Total</b>	15,184,122.44				4,151,361

**Account**

**Total 96,085,719.15 17,184,777.47**



**Montana-Dakota Utilities Company**

**Electric Plant**

**345.10 Accessory Electric Equipment**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>

**GLENDIVE TURBINE**

*Interim Survivor Curve: Iowa 28 L2*

*Probable Retirement Year: 2022*

1980	256.44	5.53	26.97	0.79501	204
1992	15,961.31	5.97	24.00	0.75130	11,992
1993	3,122.10	6.02	23.60	0.74500	2,326
1999	256,770.70	6.46	20.55	0.68569	176,065
2005	19,830.61	7.05	16.23	0.56584	11,221
2007	89,391.15	7.19	14.53	0.50514	45,155
2008	81,241.18	7.24	13.64	0.46876	38,083

**Total** 466,573.49 285,048

**MILES CITY TURBINE**

*Interim Survivor Curve: Iowa 28 L2*

*Probable Retirement Year: 2019*

1994	2,762.03	3.98	21.70	0.81664	2,256
1997	3,132.89	4.07	19.92	0.79565	2,493
1999	254,587.22	4.14	18.55	0.77655	197,700
2005	16,443.82	4.37	13.64	0.67977	11,179
2008	49,208.81	4.43	10.85	0.59210	29,137
2010	19,896.72	4.45	8.93	0.50120	9,973

**Total** 346,031.49 252,738

**Montana-Dakota Utilities Company**

**Electric Plant**

**345.10 Accessory Electric Equipment**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>

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**PORTABLE GENERATORS**

*Interim Survivor Curve: Iowa 28 L2*

*Probable Retirement Year: 2047*

2005	93,760.27	18.15	26.97	0.32690	30,651
2012	479,224.44	23.12	25.60	0.09693	46,451
<b>Total</b>	572,984.71				77,102
<b>Account Total</b>	1,385,589.69				614,887.21

**Montana-Dakota Utilities Company**

**Electric Plant**

**346.10 Miscellaneous Power Plant Equipment**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>

**HESKETT III GAS TURBINE**

*Interim Survivor Curve: Iowa 28 SI*

*Probable Retirement Year: 2057*

2014	1,045,533.32	27.16	27.66	0.01807	18,891
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<b>Total</b>	1,045,533.32				18,891
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**GLENDIVE TURBINE**

*Interim Survivor Curve: Iowa 28 SI*

*Probable Retirement Year: 2022*

1979	3,890.84	4.86	27.66	0.82429	3,208
1980	592.82	4.99	27.56	0.81876	486
1981	313.45	5.12	27.44	0.81331	255
1983	429.74	5.36	27.13	0.80255	345
1985	1,869.90	5.57	26.73	0.79166	1,481
1990	3,329.86	6.03	25.25	0.76134	2,536
1991	531.58	6.11	24.86	0.75435	401
1992	937.22	6.18	24.44	0.74692	701
1993	503.92	6.26	23.99	0.73899	373
1994	1,128.37	6.33	23.50	0.73046	825
1997	225.59	6.54	21.86	0.70057	159
1998	893.93	6.61	21.25	0.68879	616
2004	2,167.14	6.98	16.94	0.58796	1,275
2005	6,200.90	7.04	16.13	0.56371	3,496
2006	4,130.55	7.09	15.30	0.53625	2,216
2007	1,050.70	7.15	14.44	0.50500	531
2008	86,726.10	7.20	13.56	0.46910	40,684

**Montana-Dakota Utilities Company**

**Electric Plant**

**346.10 Miscellaneous Power Plant Equipment**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: 0 %*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
2009	441.34	7.25	12.66	0.42758	189
2012	11,313.22	7.38	9.87	0.25243	2,856
<b>Total</b>	126,677.17				62,632

**GLENDIVE II TURBINE**

*Interim Survivor Curve: Iowa 28 SI*

*Probable Retirement Year: 2046*

2004	6,995.27	18.20	27.56	0.33940	2,375
2010	5,618.71	22.13	26.49	0.16476	926
<b>Total</b>	12,613.98				3,301

**MILES CITY TURBINE**

*Interim Survivor Curve: Iowa 28 SI*

*Probable Retirement Year: 2019*

1973	2,089.58	3.04	27.87	0.89094	1,862
1984	698.04	3.75	26.22	0.85706	599
1987	651.17	3.87	25.25	0.84681	552
1990	3,199.91	3.97	23.99	0.83449	2,671
1991	735.87	4.00	23.50	0.82974	611
1996	683.99	4.14	20.60	0.79888	547
2012	9,930.46	4.47	6.96	0.35815	3,557
<b>Total</b>	17,989.02				10,399

**Account**

**Total** 1,202,813.49 95,222.57

**Montana-Dakota Utilities Company**

**Electric Plant**

**369.10 Services - Overhead**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 37 Survivor Curve: R1.5*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
1950	19.75	3.02	37.00	1.37766	27
1953	19.75	3.70	37.00	1.35006	27
1959	0.29	5.26	37.00	1.28676	0
1960	62.20	5.54	37.00	1.27528	79
1961	257.78	5.84	37.00	1.26344	326
1962	590.48	6.13	37.00	1.25153	739
1963	1,329.69	6.43	37.00	1.23934	1,648
1964	2,141.47	6.74	37.00	1.22686	2,627
1965	3,346.99	7.05	37.00	1.21405	4,063
1966	4,352.68	7.38	37.00	1.20097	5,227
1967	6,122.69	7.71	37.00	1.18752	7,271
1968	9,717.51	8.05	37.00	1.17364	11,405
1969	12,523.06	8.40	37.00	1.15939	14,519
1970	16,604.31	8.76	37.00	1.14468	19,007
1971	18,505.17	9.14	37.00	1.12947	20,901
1972	27,580.82	9.53	37.00	1.11378	30,719
1973	41,781.46	9.93	37.00	1.09755	45,857
1974	68,217.01	10.34	37.00	1.08079	73,728
1975	75,828.45	10.77	37.00	1.06348	80,642
1976	104,664.40	11.21	37.00	1.04559	109,436
1977	114,209.30	11.66	37.00	1.02713	117,308
1978	95,197.02	12.13	37.00	1.00813	95,971
1979	106,713.44	12.62	37.00	0.98851	105,487
1980	132,743.44	13.12	37.00	0.96832	128,538
1981	126,594.32	13.63	37.00	0.94760	119,961
1982	113,360.60	14.15	37.00	0.92626	105,001
1983	118,700.16	14.69	37.00	0.90436	107,348
1984	115,055.40	15.25	37.00	0.88193	101,470

**Montana-Dakota Utilities Company**

**Electric Plant**

**369.10 Services - Overhead**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 37 Survivor Curve: R1.5*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
1985	119,907.55	15.81	37.00	0.85898	102,998
1986	109,789.04	16.39	37.00	0.83545	91,723
1987	90,807.04	16.99	37.00	0.81142	73,682
1988	91,129.01	17.59	37.00	0.78691	71,711
1989	89,718.26	18.21	37.00	0.76186	68,353
1990	82,617.76	18.84	37.00	0.73634	60,835
1991	71,024.04	19.48	37.00	0.71040	50,455
1992	85,724.39	20.13	37.00	0.68394	58,631
1993	86,426.57	20.79	37.00	0.65706	56,788
1994	113,080.18	21.47	37.00	0.62977	71,214
1995	48,101.08	22.15	37.00	0.60210	28,962
1996	96,946.57	22.84	37.00	0.57400	55,647
1997	82,346.26	23.54	37.00	0.54554	44,923
1998	80,344.46	24.25	37.00	0.51676	41,519
1999	59,447.73	24.97	37.00	0.48759	28,986
2000	63,539.19	25.70	37.00	0.45810	29,108
2001	84,461.10	26.44	37.00	0.42832	36,176
2002	66,035.36	27.18	37.00	0.39826	26,299
2003	69,204.47	27.93	37.00	0.36789	25,460
2004	81,407.19	28.68	37.00	0.33726	27,455
2005	99,401.92	29.44	37.00	0.30638	30,455
2006	99,403.43	30.21	37.00	0.27522	27,357
2007	93,552.36	30.99	37.00	0.24379	22,808
2008	128,386.87	31.77	37.00	0.21214	27,236
2009	153,909.82	32.56	37.00	0.18019	27,734
2010	116,880.96	33.35	37.00	0.14800	17,298
2011	121,786.72	34.15	37.00	0.11555	14,072
2012	168,171.77	34.96	37.00	0.08286	13,935

**Montana-Dakota Utilities Company**

**Electric Plant**

**369.10 Services - Overhead**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 37 Survivor Curve: R1.5*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
2013	398,505.90	35.77	37.00	0.04990	19,885
2014	180,621.85	36.59	37.00	0.01669	3,015
<b>Total</b>	4,548,918.49				2,564,052.35

**Montana-Dakota Utilities Company**

**Electric Plant**

**369.20 Services - Underground**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 45 Survivor Curve: R3*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
1955	1.10	4.13	45.00	1.36227	1
1956	8.53	4.40	45.00	1.35349	12
1957	36.24	4.66	45.00	1.34455	49
1958	100.27	4.94	45.00	1.33541	134
1959	262.87	5.21	45.00	1.32620	349
1960	534.62	5.51	45.00	1.31644	704
1961	1,055.74	5.81	45.00	1.30628	1,379
1962	1,345.25	6.13	45.00	1.29567	1,743
1963	2,316.22	6.46	45.00	1.28461	2,975
1964	3,247.25	6.81	45.00	1.27293	4,134
1965	4,602.40	7.18	45.00	1.26066	5,802
1966	5,843.81	7.57	45.00	1.24776	7,292
1967	8,223.25	7.97	45.00	1.23420	10,149
1968	13,446.51	8.40	45.00	1.21993	16,404
1969	18,252.55	8.85	45.00	1.20500	21,994
1970	25,304.73	9.32	45.00	1.18936	30,096
1971	30,919.10	9.81	45.00	1.17303	36,269
1972	50,532.69	10.32	45.00	1.15592	58,412
1973	84,258.53	10.86	45.00	1.13816	95,900
1974	153,072.25	11.41	45.00	1.11973	171,400
1975	195,246.17	11.98	45.00	1.10064	214,895
1976	316,922.22	12.57	45.00	1.08090	342,560
1977	426,406.01	13.19	45.00	1.06042	452,169
1978	470,255.62	13.82	45.00	1.03942	488,793
1979	539,508.82	14.46	45.00	1.01784	549,135
1980	570,469.00	15.13	45.00	0.99571	568,021
1981	699,883.45	15.81	45.00	0.97296	680,957
1982	629,748.00	16.51	45.00	0.94975	598,105



**Montana-Dakota Utilities Company**

**Electric Plant**

**369.20 Services - Underground**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 45 Survivor Curve: R3*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
1983	553,332.11	17.22	45.00	0.92606	512,419
1984	450,091.65	17.94	45.00	0.90190	405,936
1985	346,038.30	18.68	45.00	0.87728	303,573
1986	280,180.84	19.44	45.00	0.85214	238,754
1987	266,487.20	20.20	45.00	0.82664	220,290
1988	262,068.58	20.98	45.00	0.80073	209,847
1989	258,772.99	21.77	45.00	0.77443	200,401
1990	247,549.54	22.57	45.00	0.74767	185,085
1991	242,470.89	23.38	45.00	0.72057	174,718
1992	365,398.87	24.21	45.00	0.69311	253,260
1993	357,471.75	25.04	45.00	0.66528	237,819
1994	566,335.17	25.89	45.00	0.63710	360,813
1995	398,496.56	26.74	45.00	0.60852	242,492
1996	469,818.97	27.61	45.00	0.57965	272,328
1997	477,212.37	28.49	45.00	0.55045	262,681
1998	437,644.94	29.37	45.00	0.52094	227,987
1999	435,074.93	30.27	45.00	0.49109	213,660
2000	380,401.34	31.17	45.00	0.46097	175,355
2001	484,086.76	32.08	45.00	0.43058	208,440
2002	482,565.01	33.00	45.00	0.39993	192,993
2003	567,228.99	33.93	45.00	0.36903	209,323
2004	631,304.64	34.86	45.00	0.33785	213,286
2005	658,655.57	35.81	45.00	0.30648	201,863
2006	754,649.47	36.75	45.00	0.27490	207,452
2007	770,426.00	37.71	45.00	0.24313	187,311
2008	1,033,354.10	38.67	45.00	0.21115	218,195
2009	987,455.15	39.63	45.00	0.17903	176,785
2010	1,234,905.73	40.60	45.00	0.14676	181,233

**Montana-Dakota Utilities Company**

**Electric Plant**

**369.20 Services - Underground**

**Original Cost Of Utility Plant In Service**

**And Development Of Calculated Depr Reserve as of December 31, 2014**

**Based Upon Broad Group/Remaining Life Procedure and Technique**

*Salvage Value: -50 % Average Service Life: 45 Survivor Curve: R3*

<i>Year</i>	<i>Original Cost</i>	<i>Expectancy</i>	<i>Avg. Service Life</i>	<i>Reserve Ratio</i>	<i>Calculated Reserve</i>
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>
2011	1,501,150.08	41.57	45.00	0.11435	171,656
2012	2,771,372.12	42.55	45.00	0.08182	226,744
2013	2,961,913.32	43.53	45.00	0.04916	145,595
2014	2,631,589.46	44.51	45.00	0.01641	43,179
<b>Total</b>	<b>28,517,306.60</b>				<b>11,641,303.58</b>