

**Snavely King Majoros & Associates, Inc.**  
**Northern States Power Company**  
**Electric Utility**  
**Comparison of Legal Asset Retirement Obligations to Plant Balances**  
**at December 31, 2012**

Line	Description	\$ millions		Legal ARO Ratio %
		Legal AROs at December 31, 2012	Plant Balance at December 31, 2012	
	(1)	(2)	(3)	(4)=(3)/(2)
1	Steam Production Asbestos	\$ 12,789		
2	Steam Production ash containment	47,926		
3	Steam production radiation sources	45		
4	Total Steam	60,760	\$ 2,204,533	2.76%
5	Nuclear production decommissioning	1,546,358	2,469,676	62.61%
6	Wind (other) production	32,936	1,883,670	1.75%
7	Total Production	1,640,054	6,557,879	
8	Electric transmission and distribution	13,838	5,352,764	0.26%
9	Total electric	\$ 1,653,892	\$ 11,910,643	

Sources:

Column (2) FERC Form I, page 123.42

Column (3) FERC Form I, pages 204-207

**Snavely King Majoros & Associates, Inc.**  
**Northern States Power Company**  
**Electric Utility**  
**Comparison of Legal Asset Retirement Obligations to Plant Balances**  
**at December 31, 2012**

Line	Description (1)	\$ millions	
		Legal AROs at December 31, 2012 Form 1, pg. 123.42 (2)	Legal ARCs at December 31, 2012 Form 1, pgs. 204-207 (3)
1	Steam Production Asbestos	\$ 12,789	
2	Steam Production ash containment	47,926	
3	Steam production radiation sources	45	
4	Total Steam	60,760	\$ 28,034
5	Nuclear production decommissioning	1,546,358	159,306
6	Wind (other) production	32,936	27,792
7	Total Production	1,640,054	215,132
8	Electric transmission and distribution	13,838	13,042
9	Total electric	\$ 1,653,892	\$ 228,174

Snavely King Majoros & Associates, Inc.  
Northern States Power Company  
Electric Utility  
Comparison of Legal Asset Retirement Obligations to Plant Balances  
at December 31, 2012

Line	Description	Per Company		Per Staff		
		Average Plant Balance 2013				
		Change Total Company 1/	Change North Dakota	Change Total Company	Allocation Factor	Change North Dakota
	Nuclear Decommissioning	-	0	0		
1	Electric Production 1/	\$ (4,968,577)	(405,436) 3/	(10,925,645)	5.0864% 5/	(555,722)
2	Distribution 2/	1,484,146	1,484,146 4/	570,117	100%	570,117
3	T&G exclu. ND Dist. 5/	(8,239,078)	?	(14,634,223)	5.0864% 5/	(744,355)
4	Total L1+L4	(11,723,509)	1,078,710	(24,989,751)		(729,960)
5		<b>Per Staff 2012</b>				
		<b>Present</b>	<b>Staff Proposed</b>	<b>Change \$</b>	<b>Change %</b>	
6	Transmission	41,484,373	32,057,944	(9,426,429)	-22.72%	
7	Distribution	2,053,578	2,455,418	401,840	19.57%	
8	General	1,313,793	1,038,243	(275,550)	-20.97%	
9	Total Electric Utility	44,851,744	35,551,605	(9,300,139)		
		<b>Per Staff 2013</b>				
		<b>Present</b>	<b>Staff Proposed</b>	<b>Change \$</b>	<b>Staff Proposed \$</b>	
10	Transmission	44,593,772	(0.2272)	(10,132,973)	34,460,799	
11	Distribution	2,913,546	0.1957	570,117	3,483,663	
12	General	21,461,480	(0.2097)	(4,501,250)	16,960,230	
13	Electric Software	5,326,730	-	-	5,326,730	
14	Common General	19,002,646	-	-	19,002,646	
15	Common Software	22,583,670	-	-	22,583,670	

1/ Perkett page 3, and Exhibit\_\_(LHP-1), Schedule 4  
2/ Perkett page 3, and Exhibit\_\_(LHP-1), Schedule 6, p.1  
3/ Per Perkett page 3 ND=.4, Total=4.9, ND Ratio=(.4/4.9=8.16%)  
4/ -6754932 (TC)-1484146(ND) = -8239078 ; ND from Exhibit\_\_(LHP-1), Sch.6, p.1.  
5/ Exhibit\_\_(KRP-3), page 1 of 4.

**Snavely King Majoros & Associates**

Northern States Power

Comparison of Present and Staff Proposed Depreciation Parameters

Average Service Life

Electric Utility

FERC Account	Account Description	Present				Staff Proposed				Annual Rate	
		Average Life	Curve	Net Salvage	Annual Rate	Average Life	Curve	Net Salvage	Annual Rate	Percent Change	
Transmission											
	352 Structures and Improvements	45	S1	0	1.86	(1)	68	R5	-0.0026	1.47%	-0.39%
	353 Station Equipment	38	SC	0	2.36	(1)	56	R2	-0.0026	1.79%	-0.57%
	354 Towers and Fixtures	50	R4	-25	1.25	(1)	70	R4	-0.0026	1.43%	0.18%
	355 Poles and Fixtures	45	R1.5	-10	2.08	(1)	62	R2	-0.0026	1.62%	-0.46%
	356 Overhead Conductors and Devices	42	L1	-30	2.22	(1)	63	R1	-0.0026	1.59%	-0.63%
	357 Underground Conduit	55	L1.5	0	1.50	(1)	73	R4	-0.0026	1.37%	-0.13%
	358 Underground Conductor and Devices	40	L1	0	2.15	(1)	55	R2	-0.0026	1.82%	-0.33%
Distribution											
	361 Structures and Improvements	45	R1	-30	1.51	(1)	60	R3	-0.0026	1.67%	0.16%
	362 Station Equipment	38	R1	-10	2.06	(1)	55	R1.5	-0.0026	1.82%	-0.24%
	364 Poles, Towers, and Fixtures	40	R1.5	-90	1.27	(1)	44	R1	-0.0026	2.28%	1.01%
	365 Overhead Conductors and Devices	35	R1	-30	2.20	(1)	39	L0	-0.0026	2.57%	0.37%
	366 Underground Conduit	50	R3	0	1.52	(1)	52	R3	-0.0026	1.93%	0.41%
	367 Underground Conductor and Devices	35	R2	20	1.94	(1)	45	R2.5	-0.0026	2.23%	0.29%
	369 Overhead Services	40	R2.5	-35	1.33	(1)	40	R1.5	-0.0026	2.51%	1.18%
	369 Underground Services	40	R2.5	-35	1.82	(1)	41	R4	-0.0026	2.45%	0.63%
	373 Street Lighting and Signal Systems	25	L5	-20	3.12	(1)	29	L0	-0.0026	3.46%	0.34%
General											
	390 Structures and Improvements	45	R1	-	2.22		57	R1.5	0	1.75%	-0.47%

(1) Rates from ND settlement agreement Docket No. PU-07-776

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates

Average Service Life

Common Utility

FERC Account	Account Description	Present				Proposed				Annual Rate
		Average Life	Curve	Net Salvage	Annual Rate	Average Life	Curve	Net Salvage	Annual Rate	Percent Change
	390 Structures and Improvements	45	R1	0	2.22	55	R1.5	-20	2.23%	0.01%
	390 Structures and Improvements- (Leasehold Improvements)	9.5	-	0	10.53	10	SQ	0	10.73%	0.20%

**Xcel Energy**

Comparison of Present and Proposed Depreciation Rates  
Vintage Group  
Electric Utility

FERC Account	Account Description	Present			Proposed			Annual Rate Percent Change	
		Average Life	Net Salvage	Annual Rate	Average Life	Net Salvage	Annual Rate		
Intangible Plant									
	303 Computer Software- 5 Year	5	0	20.00	5	0	20.00%	0.0000%	
General Plant									
	391 Office Furniture and Equipment	18	0	5.56	20	0	5.00%	-0.5600%	
	391 Network Equipment	4	0	25.00	4	0	25.00%	0.0000%	
	392 Transportation Equip- Automobiles	5	10	18.00	10	0	10.00%	-8.0000%	
	392 Transportation Equip- Light Trucks	10	10	9.00	12	0	8.33%	-0.6667%	
	392 Transportation Equip- Trailers	10	10	9.00	15	0	6.67%	-2.3333%	
	392 Transportation Equip-Heavy Trucks	12	5	7.92	14	0	7.14%	-0.7771%	
	393 Stores Equipment	20	0	5.00	20	0	5.00%	0.0000%	
	394 Tools, Shop, and Garage Equipment	15	0	6.67	15	0	6.67%	-0.0033%	
	395 Laboratory Equipment	10	0	10.00	10	0	10.00%	0.0000%	
	396 Power Operated Equipment	10	10	9.00	12	0	8.33%	-0.6667%	
	397 General Communication Equipment	9	0	11.11	9	0	11.11%	0.0011%	
	397 General Communication Equip- Two Way	9	0	11.11	9	0	11.11%	0.0011%	
	397 General Communication Equipment - AES	15	0	6.67	15	0	6.67%	-0.0033%	
	397 General Communication Equipment - AMR	15	0	6.67	15	0	6.67%	-0.0033%	
	398 Miscellaneous Equipment	15	0	6.67	15	0	6.67%	-0.0033%	
Distribution Plant- (Vintage Group Treatment)									
	368 Line Transformers	32	10	2.23	(1)	32	-0.0026	3.13%	0.90%
	368 Line Capacitors	25	0	3.34	(1)	25	-0.0026	4.01%	0.67%
	370.1 Meters- Old	20	0	4.34	(1)	20	-0.0026	5.01%	0.67%
	370 Meters	15	0	6.01	(1)	15	-0.0026	6.68%	0.67%

(1) Rates from ND settlement agreement Docket No. PU-07-776

**Xcel Energy**  
Comparison of Present and Proposed Depreciation Rates  
Vintage Group  
Common Utility

FERC Account	Account Description	Present			Proposed			Annual Rate
		Average Life	Net Salvage	Annual Rate	Average Life	Net Salvage	Annual Rate	
	303 Computer Software- 3 Year	3	0	33.33	3	0	33.33%	0.00%
	303 Computer Software- 5 Year	5	0	20.00	5	0	20.75%	0.75%
	303 Computer Software- 7 Year	7	0	14.29	7	0	14.29%	0.00%
	303 Computer Software- 10 Year	10	0	10.00	10	0	10.99%	
General Plant								
	391 Office Furniture and Equipment	18	0	5.56	20	0	5.32%	-0.24%
	391 Network Equipment	4	0	25.00	4	0	25.97%	0.97%

392 Transportation Equip- Automobiles	5	10	18.00	10	0	10.24%	-7.76%
392 Transportation Equip- Light Trucks	10	10	9.00	12	0	8.79%	-0.21%
392 Transportation Equip- Trailers	10	10	9.00	15	0	6.82%	-2.18%
392 Transportation Equip-Heavy Trucks	12	5	7.92	14	0	7.39%	-0.53%
393 Stores Equipment	20	0	5.00	20	0	5.03%	0.03%
394 Tools, Shop, and Garage Equipment	15	0	6.67	15	0	6.84%	0.17%
395 Laboratory Equipment	10	0	10.00	10	0	11.61%	1.61%
396 Power Operated Equipment	10	10	10.00	12	0	8.55%	-1.45%
397 General Communication Equipment	9	0	11.11	9	0	11.90%	0.79%
397 General Communication Equipment- Two Way	9	0	11.11	9	0	12.06%	0.95%
398 Miscellaneous Equipment	15	0	6.67	15	0	7.20%	0.53%

Snavelly King Majoros & Associates, Inc.  
Northrn States Power  
Comparison of Present and Proposed Accruals  
Average Service Life  
Electric Utility

FERC Account	Account Description	Plant Balance		Adjusted Plant	Present			Staff Proposed		Proposed Less Present Accrual
		1/1/2012	Fully Accrued		Annual Rate	Note	Annual Accrual	Annual Rate	Annual Accrual	
Transmission										
352	Structures and Improvements	46,878,153	-	46,878,153	1.86	(1)	871,934	1.4744%	691,177	(180,757)
353	Station Equipment	856,268,539	-	856,268,539	2.36	(1)	20,207,938	1.7904%	15,330,265	(4,877,673)
354	Towers and Fixtures	113,933,667	-	113,933,667	1.25	(1)	1,424,171	1.4323%	1,631,856	207,685
355	Poles and Fixtures	557,866,574	-	557,866,574	2.08	(1)	11,603,625	1.6171%	9,021,242	(2,582,382)
356	Overhead Conductors and Devices	303,746,575	-	303,746,575	2.22	(1)	6,743,174	1.5914%	4,833,910	(1,909,264)
357	Underground Conduit	12,146,888	-	12,146,888	1.50	(1)	182,203	1.3734%	166,828	(15,375)
358	Underground Conductor and Devices	20,992,067	-	20,992,067	2.15	(1)	451,329	1.8229%	382,666	(68,663)
	Total Transmission	1,911,832,463	-	1,911,832,463			41,484,373		32,057,944	(9,426,429)
Distribution										
361	Structures and Improvements	786,090	-	786,090	1.51	(1)	11,870	1.6710%	13,136	1,266
362	Station Equipment	15,727,345	-	15,727,345	2.06	(1)	323,983	1.8229%	286,695	(37,288)
364	Poles, Towers, and Fixtures	11,184,118	-	11,184,118	1.27	(1)	142,038	2.2786%	254,845	112,807
365	Overhead Conductors and Devices	16,921,426	-	16,921,426	2.20	(1)	372,271	2.5708%	435,011	62,739
366	Underground Conduit	5,528,658	-	5,528,658	1.52	(1)	84,036	1.9281%	106,597	22,561
367	Underground Conductor and Devices	44,510,941	-	44,510,941	1.94	(1)	863,512	2.2280%	991,704	128,192
369	Overhead Services	5,120,587	-	5,120,587	1.33	(1)	68,104	2.5065%	128,348	60,244
369	Underground Services	7,237,896	-	7,237,896	1.82	(1)	131,730	2.4454%	176,993	45,263
373	Street Lighting and Signal Systems	1,795,939	-	1,795,939	3.12	(1)	56,033	3.4572%	62,090	6,057
	Total Distribution	108,813,000	-	108,813,000			2,053,578		2,455,418	401,840
General										
390	Structures and Improvements	59,179,857	-	59,179,857	2.22		1,313,793	1.7544%	1,038,243	(275,550)
	Total General	59,179,857	-	59,179,857			1,313,793		1,038,243	(275,550)
	Total Electric Utility	2,079,825,319	-	2,079,825,319			44,851,744		35,551,605	(9,300,138)

**Xcel Energy**

Comparison of Present and Proposed Accruals  
Average Service Life  
Common Utility

FERC Account	Account Description	Plant Balance		Adjusted Plant	Present		Proposed		Proposed Less Present Accrual	
		1/1/2012	Fully Accrued		Annual Rate	Annual Accrual	Annual Rate	Annual Accrual		
General										
390	Structures and Improvements	115,747,921	-	115,747,921	2.22		2,569,604	2.2296%	2,580,693	11,089
390	Structures and Improvements- Leased	1,163,412	-	1,163,412	10.53		122,507	10.7324%	124,861	2,354
	Total General	116,911,333	-	116,911,333			2,692,111		2,705,554	13,443

Total Common Utility	116,911,333	116,911,333	2,692,111	2,705,554	13,443
Total ASL All Utilities	#REF!	#REF!	#REF!	#REF!	#REF!

**Xcel Energy**

Comparison of Present and Proposed Accruals  
Vintage Group  
Electric Utility

FERC Account	Account Description	Plant Balance 1/1/2012	Fully Accrued	Adjusted Plant 1/1/2012	Present		Proposed		Proposed Less Present Accrual	
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual		
Intangible Plant										
303	Computer Software- 5 Years	38,001,392	22,783,834	15,217,558	20.00	3,043,512	18.9911%	2,889,976	(153,536)	
	Total Intangible Plant	38,001,392	22,783,834	15,217,558		3,043,512		2,889,976	(153,536)	
General Plant										
391	Office Furniture and Equipment	22,857,009	-	22,857,009	5.56	1,270,850	4.8295%	1,103,888	(166,962)	
391	Network Equipment	12,149,587	7,265,505	4,884,082	25.00	1,221,021	23.2815%	1,137,085	(83,935)	
392	Transportation Equip- Automobiles	390,265	-	390,265	18.00	70,248	9.8225%	38,334	(31,914)	
392	Transportation Equip- Light Trucks	21,124,664	98,985	21,025,679	9.00	1,892,311	8.1239%	1,708,102	(184,210)	
392	Transportation Equip- Trailers	7,211,534	-	7,211,534	9.00	649,038	6.5948%	475,590	(173,449)	
392	Transportation Equip-Heavy Trucks	41,791,424	133,516	41,657,907	7.92	3,299,306	7.0174%	2,923,293	(376,013)	
393	Stores Equipment	1,586,203	355,520	1,230,683	5.00	61,534	4.8392%	59,556	(1,979)	
394	Tools, Shop, and Garage Equipment	51,659,027	513,185	51,145,841	6.67	3,411,428	6.4616%	3,304,861	(106,566)	
395	Laboratory Equipment	3,805,496	183,311	3,622,186	10.00	362,219	9.3646%	339,202	(23,017)	
396	Power Operated Equipment	20,725,068	-	20,725,068	9.00	1,865,256	8.2231%	1,704,245	(161,011)	
397	General Communication Equipment	12,763,770.31	579,380	12,184,390	11.11	1,353,686	10.7571%	1,310,693	(42,993)	
397	General Communication Equip- Two Way	252,239.22	19,682	232,557	11.11	25,837	10.7048%	24,895	(942)	
397	General Communication Equipment - AES	4,962,953.39	-	4,962,953	6.67	331,029	6.5147%	323,320	(7,709)	
397	General Communication Equipment - AMR	9,748,526.07	-	9,748,526	6.67	650,227	6.4851%	632,198	(18,029)	
398	Miscellaneous	2,794,004	10,058	2,783,945	6.67	185,689	6.2788%	174,798	(10,891)	
	Total General Plant	213,821,771	9,159,142	204,662,628		16,649,678		15,260,059	(1,389,619)	
Distribution Plant										
(Vintage Group Treatment)										
		<b>Plant</b>	<b>Fully Accrued</b>	<b>Adjusted Plant</b>						
368	Line Transformers	13,617,155	2,054,073.32	11,563,082	(1)	<b>2.23</b>	257,857	3.1331%	362,286	104,429
368	Line Capacitors	552,642	141,147.99	411,494	(1)	<b>3.34</b>	13,744	4.0104%	16,503	2,759
370.1	Meters- Old	1,424,660	1,246,910.87	177,749	(1)	<b>4.34</b>	7,714	5.0130%	8,911	1,196
370	Meters	5,326,177	979,610	4,346,566	(1)	<b>6.01</b>	261,229	6.6840%	290,524	29,296
	Total Distribution Plant	20,920,634	4,421,742	16,498,891			540,544		678,223	137,680
	Total Electric Utility	272,743,796	36,364,719	236,379,077			20,233,733		18,828,258	(1,405,475)

(1) Rates from ND settlement agreement Docket No. PU-07-776

**Xcel Energy**

Comparison of Present and Proposed Accruals

Vintage Group  
Common Utility

FERC Account	Account Description	Plant Balance 1/1/2012	Fully Accrued	Adjusted Plant 1/1/2012	Present		Proposed		Proposed Less Present Accrual
					Annual Rate	Annual Accrual	Annual Rate	Annual Accrual	
Intangible Plant									
303	Computer Software- 3 Year	11,905,829	11,905,829	-	33.33	-	33.3333%	-	-
303	Computer Software- 5 Year	135,278,764	71,891,882	63,386,881	20.00	12,677,376	20.7477%	13,151,290	473,914
303	Computer Software- 7 Year	70,726,449	62,397,495	8,328,954	14.29	1,189,851	14.2900%	1,189,851	-
303	Computer Software- 10 Year	20,801,640	20,517,427	284,213	10.00	28,421	10.9943%	31,247	2,826
Total Intangible Plant		238,712,681	166,712,634	72,000,048		13,895,648		14,372,387	476,739
General Plant									
391	Office Furniture and Equipment	31,508,621	8,111,042	23,397,579	5.56	1,300,905	5.3182%	1,244,325	(56,581)
391	Network Equipment	45,809,354	18,520,537	27,288,817	25.00	6,822,204	25.9653%	7,085,625	263,421
392	Transportation Equip- Automobiles	319,097	-	319,097	18.00	57,437	10.2419%	32,682	(24,756)
392	Transportation Equip- Light Trucks	4,350,598	-	4,350,598	9.00	391,554	8.7898%	382,408	(9,146)
392	Transportation Equip- Trailers	1,125,686	-	1,125,686	9.00	101,312	6.8215%	76,789	(24,523)
392	Transportation Equip-Heavy Trucks	4,425,984	-	4,425,984	7.92	350,538	7.3872%	326,956	(23,582)
393	Stores Equipment	73,660	64,524	9,136	5.00	457	5.0273%	459	2
394	Tools, Shop, and Garage Equipment	2,419,867	245,990	2,173,877	6.67	144,998	6.8383%	148,655	3,658
395	Laboratory Equipment	36,686	-	36,686	10.00	3,669	11.6061%	4,258	589
396	Power Operated Equipment	711,999	4,968	707,031	9.00	63,633	8.5497%	60,449	(3,184)
397	General Communication Equipment	1,499,822	132,262	1,367,560	11.11	151,936	11.9005%	162,746	10,810
397	General Communication Equipment- Two Way	3,926,377	188,021	3,738,356	11.11	415,331	12.0571%	450,739	35,408
398	Miscellaneous Equipment	917,274	105,595	811,679	6.67	54,139	7.2002%	58,442	4,303
Miscellaneous Equipment									
Total General Plant		97,125,024	27,372,939	69,752,085		9,858,113		10,034,533	176,420
Total Common Utility		335,837,705	194,085,573	141,752,133		23,753,761		24,406,920	653,160
Total Vintage All Utilities		#REF!	#REF!	#REF!		#REF!		#REF!	#REF!
Total ASL and Vintage All Utilities		#REF!	#REF!	#REF!		#REF!		#REF!	#REF!
Totla Electric Utilitiy									
		2,352,569,116	36,364,719	2,316,204,396		65,085,477		54,379,864	(10,705,613)
Total Gas Utility									
		#REF!	#REF!	#REF!		#REF!		#REF!	#REF!
Total Common Utility									
		452,749,038	194,085,573	258,663,465		26,445,872		27,112,474	666,603
Total ASL and Vintage All Utilities									
		#REF!	#REF!	#REF!		#REF!		#REF!	#REF!