

Schedule 5
2016 Capital Budget Excluding AFUDC
Distribution Operations
Total Company - All Utilities

Northern States Power - MN
(\$000's)

Parent Proj Full Desc	Total
10006393 - Minnesota-Sub Capac Reinforcem	726
10006417 - Minnesota- Dist Sub Eq Replace	2,299
10006666 - Tools & Equipment-Transportati	166
10006686 - Spec Cnstr - Sm Tool/Equip	138
10006954 - Mpls-New Ug Extension	2,207
10006957 - Mpls-Ug Conversion/Rebuild	1,958
10006968 - Minnesota-Electric Meter Blank	6,312
10007058 - Mpls-Elec Tool/Equip	104
10007068 - Mntka- New Ug Extension	1,129
10007086 - Mntka-Oh Rebuilds	616
10007114 - Mntka-Elec Tools/Equip	12
10007241 - South Dakota - Oh Extension	1,150
10007278 - South Dakota - Oh Rebuilds	937
10007315 - South Dakota - Tools & Equip	74
10007391 - Edina-Ug Extensions	1,327
10007416 - Edina-Oh Rebuilds	534
10007440 - Edina-Elect Tool/Equip	28
10007457 - Maple Grv- Elec Ug Extension	1,812
10007463 - Minnesota- New Bus Transformer	22,153
10007487 - Maple Grv-Oh Rebuilds	605
10007517 - Maple Grv-Elec Tools/Equip	43
10008491 - Northwest - Ug Extensions	1,237
10008512 - Northwest - Overhead Rebuilds	596
10008596 - Northwest - Elec Tools/Equip	98
10008652 - Newport-Elec Tool/Equip	27
10144483 - Mpls-Oh Extension	773
10144484 - Mpls-Oh Services	771
10144485 - Mpls-New Ug Services	449
10144486 - Mpls- New Ug Network	744
10144487 - Mpls-New Oh Street Lights	571
10144488 - Mpls-New Ug Street Lights	133
10144489 - Mpls-Elec Non-Refundable Ciac	(1,254)
10144490 - Mpls-Oh Rebuilds	1,148
10144491 - Minnesota- Dist Sub Tool/Equip	540
10144492 - Mpls-Oh Reinforcements	401
10144493 - Mpls-Ug Reinforcement	136
10144494 - Mpls-Oh Relocations	398
10144495 - Mpls-Ug Relocations	590
10144497 - Mntka-Oh Extension	217

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10144498 - Mntka-Oh Services	91
10144499 - Mntka-New Ug Services	873
10144500 - Mntka-New Oh Street Lights	39
10144501 - Mntka-New Ug Street Lights	53
10144502 - Mntka-Elec Non-Refundable CIAC	(270)
10144503 - Mntka-Ug Conversion/Rebuild	398
10144504 - Mntka-Oh Reinforcements	45
10144505 - Mntka-Ug Reinforcements	45
10144506 - Mntka-Oh Relocations	510
10144507 - Mntka-Ug Relocations	181
10144509 - Edina-Oh Extension	79
10144510 - Edina-New Oh Services	150
10144511 - Edina-Ug Services	414
10144512 - Edina-New Oh Street Lights	56
10144513 - Edina-New Ug Street Lights	364
10144514 - Edina-Elec Non-Refundable CIAC	(225)
10144515 - Edina-Ug Conversions/Rebuild	893
10144516 - Edina-Oh Reinforcements	114
10144517 - Edina-Ug Reinforcements	62
10144518 - Edina-Oh Relocations	269
10144519 - Edina-Ug Relocations	425
10144521 - White Bear-Oh Extension	223
10144523 - White Bear-Oh Services	195
10144525 - White Bear-Ug Services	1,594
10144527 - White Bear-Oh Street Lights	69
10144528 - White Bear-Ug Street Lts	277
10144529 - Wb-Elec Non-Refundable Ciac	(253)
10144530 - White Bear-Oh Rebuilds	517
10144531 - White Bear-Ug Conv/Rebuilds	355
10144532 - White Bear-Oh Reinforcements	150
10144533 - White Bear-Ug Reinforcements	74
10144535 - White Bear-Ug Relocations	113
10144536 - White Bear-Electric Tools & Eq	27
10144561 - Maple Grv-New Oh Street Lights	53
10144563 - Maple Grv-Oh Extension	129
10144565 - Maple Grv-Oh Services	64
10144566 - Maple Grv-New Elec Ug Services	655
10144570 - Maple Grv-New Ug Street Lights	158
10144572 - Mplgrv-Elec Non-Refundable Cia	(266)

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10144573 - Maple Grv-Ug Conversion/Rebuil	1,044
10144574 - Maple Grv-Oh Reinforcements	68
10144575 - Maple Grv-Ug Reinforcements	106
10144576 - Maple Grv-Oh Relocations	509
10144578 - Maple Grv-Ug Relocations	108
10144635 - Northwest-New Oh Street Lights	177
10144636 - Northwest-New Oh Extensions	579
10144637 - Northwest-New Oh Services	190
10144638 - Northwest-New Ug Services	782
10144640 - Northwest-New Ug Street Lights	80
10144641 - Nw-Elec Non-Refundable Ciac	(312)
10144642 - Northwest-Ug Conversion/Rebuil	220
10144643 - Northwest-Oh Reinforcements	431
10144644 - Northwest-Ug Reinforcement	24
10144645 - Northwest-Oh Relocations	841
10144646 - Northwest-Ug Relocations	91
10144700 - North Dakota -Oh Extension	489
10144701 - North Dakota -Oh Services	113
10144702 - North Dakota -Ug Extension	2,125
10144703 - North Dakota -Ug Services	334
10144704 - North Dakota -Oh Street Lights	192
10144706 - Nd-Elec Non-Refundable Ciac	(482)
10144707 - North Dakota -Oh Rebuilds	357
10144708 - North Dakota -Ug Conv/Rebuilds	678
10144709 - North Dakota -Oh Reinforcement	46
10144710 - North Dakota -Ug Reinforcement	266
10144711 - North Dakota -Oh Relocations	65
10144712 - North Dakota -Ug Relocations	259
10144713 - North Dakota -Elec Tools & Eq	49
10144748 - Newport-Oh Extension	354
10144749 - Newport-Oh Services	128
10144750 - Newport-Ug Services	1,434
10144752 - Newport-Oh Streetlights	102
10144753 - Newport-Ug Streetlights	162
10144754 - Npt-Elec Non-Refundable Ciac	(405)
10144755 - Newport-Oh Rebuilds	696
10144756 - Newport-Ug Conversions/Rebuild	531
10144757 - Newport-Oh Reinforcements	88
10144758 - Newport-Ug Reinforcements	300

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10144759 - Newport-Oh Relocations	351
10144760 - Newport-Ug Relocations	39
10144771 - Southeast-Oh Extension	922
10144772 - Southeast-Oh Services	316
10144773 - Southeast-Ug Services	879
10144775 - Southeast-Oh Streetlights	336
10144776 - Southeast-Ug Streetlights	88
10144777 - Se-Elec Non-Refundable Ciac	(302)
10144778 - Southeast-Oh Rebuilds	1,576
10144779 - Southeast-Ug Conv/Rebuilds	604
10144780 - Southeast-Oh Reinforcements	452
10144781 - Southeast-Ug Reinforcements	48
10144782 - Southeast-Oh Relocations	1,039
10144783 - Southeast-Ug Relocations	328
10144784 - Southeast-Elec Tools & Equip	49
10144795 - St Paul-Oh Extension	208
10144796 - St Paul-Oh Services	221
10144797 - St Paul-Ug Services	49
10144798 - St Paul-Ug Network	510
10144799 - St Paul-Oh Streetlights	156
10144800 - St Paul-Ug Streetlights	13
10144801 - St P-Elec Non-Refundable Ciac	(326)
10144802 - St Paul-Oh Rebuilds	962
10144803 - St Paul-Ug Conversions/Rebuild	754
10144804 - St Paul-Oh Reinforcements	189
10144805 - St Paul-Ug Reinforcements	177
10144806 - St Paul-Oh Relocations	540
10144807 - St Paul-Ug Relocations	340
10144808 - St Paul-Elec Tools & Equip	62
10145065 - Newport-Ug Extensions	3,055
10145070 - Southeast-Ug Extensions	1,982
10145179 - St Paul-Ug Extensions	651
10145833 - White Bear Ug Extensions	1,124
10145962 - South Dakota - Oh Service	297
10145964 - South Dakota - Ug Extension	3,587
10145966 - South Dakota - Ug Service	1,627
10145970 - South Dakota - Oh Streetlights	225
10145972 - South Dakota - Ug Streetlights	148
10145974 - Sd-Elec Non-Refundable Ciac	(537)

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10145976 - South Dakota - Ug Conv/Rebld	846
10145978 - South Dakota - Oh Reinforcemnt	206
10145982 - South Dakota - Oh Relocations	721
10145984 - South Dakota - Ug Relocations	296
10146153 - White Bear Oh Relocations	1,065
10229363 - Nspm Metering Sys-Tools & Equi	84
10229574 - Nspm-Fdr Cable Replacement-Eme	5,416
10229647 - NSPM-Poor Perf Fdr Replace Blk	543
10233671 - Mn-Construct Dist Sub Tool & E	86
10245168 - Nd-Worst Performing Feeder	52
10333869 - NSPM-Accelerated URD Cable Rep	12,819
10381269 - 2004 Elec Recon Carryover-NSPM	6,525
10404795 - Mpls-OH to UG Service Conv	184
10404807 - Mntka-Oh to UG Service Conv	74
10404810 - Edina-OH to UG Service Conv	122
10404812 - White Bear-OH to UG Service Co	86
10404815 - Maple Grv-OH to UG Service Con	24
10404822 - Northwest-OH to UG Service Con	34
10404828 - ND-OH to UG Service Conv	26
10404836 - Newport-OH to UG Service Conv	28
10404844 - Southeast-OH to UG Service Con	25
10404850 - St Paul-OH to UG Service Conv	115
10437120 - Capitalized Locating Cost-Elec	352
10494498 - SD URD Cable Accel Replacement	516
10494522 - ND URD Cable Accel Replacement	465
10522944 - Replace 7 CM2 Network Protecto	998
10522951 - Replace Vault Top	914
10557022 - Fleet New Unit Purchase El Ops	5,211
10557030 - Fleet New Unit Purchase Common	1,707
10650009 - Dist Sub - Non-Discr Contingen	1,000
10741615 - Fleet New Unit Purchase El Ops	477
10741648 - Fleet New Unit Purchase El Ops	1,027
10741664 - Fleet New Unit Purchase Common	10
10790334 - Logistics - NSPM - Tools	149
10796310 - North Dakota Inspect replace	268
10796998 - Minnesota inspect/replace pole	9,359
10797036 - South Dakota - Inspect/Replace	790
10948327 - Reliability Monitoring Sys REM	833
10948331 - Reliability Monitoring System	16

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10948334 - Reliability Monitoring System	41
10954893 - Environmental Work NSPM EL	250
11095139 - SPCC NSPM Oil Spill Prevention	1,015
11160613 - New First Lake sub	70
11201746 - Logistics - Fencing - NSPM	7
11201748 - Logistics - Security Equipment	25
11208552 - FPIP Feeders - South Dakota	155
11226930 - Logistics - NSPM - Tools - ND	12
11236978 - Logistics - Tools - SD	3
11325531 - NSPM Inspect/Replace Poles	111
11325534 - ND Inspect/Replace Poles	6
11325535 - SD Inspect/Replace Poles	17
11395300 - Install Renner sub LAND	166
11398809 - NSPM 3rd Party owned Pole Tran	565
11445828 - Logistics Security Equipement N	7
11466030 - Hennepin Trng ElecTools&Equip	41
11500353 - Inst switches CLF071 extnd fee	55
11500577 - RCSII Replacement Project - MN	420
11500578 - Feeder Breaker Replacement	1,935
11500579 - Substation Switch Replacement	250
11511349 - South Dakota - Ug Reinforcemnt	48
11515114 - Install Falls Sub UG Feeders	400
11515119 - Retire Sioux Falls Sub	499
11521115 - Capitalized-MN-Sales Tax Rfd -	(3,200)
11583618 - Capitalized MN Sales Tax Rfd-	(800)
11586869 - Mpls-Electric Trouble Tools &	49
11586871 - St Paul-Elec TroubleTools & Eq	75
11639197 - WCF - Mandates - NSPM	2,690
11642608 - 500MCM Cable Replacement for N	400
11648597 - Distribution Automation	305
11648601 - Substation Fence Improvement	125
11648782 - Install Fifth Street Switchgea	500
11649230 - Install feeder tie for SOS060	300
11649517 - Retire Subs in MN	268
11650625 - WCF - Line Capacity - NSPM	1,190
11698022 - Capital Locating Costs Electri	12
11698033 - Capitalized Locating Costs - E	11
11715925 - NSPM-Dist Sub Communication Eq	800
11767946 - NSPM- MN Comm Equip - Dist Lin	155