

Schedule 5
2016 Capital Budget Excluding AFUDC
Gas Systems
Total Company - All Utilities

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

Parent Proj Full Desc	Total
10007118 - Gas Plants & Holders-Smal	1,261
10008551 - Northwest-New Gas Mains	596
10008568 - Northwest-Main Reinforcement	218
10008572 - Northwest-Gas Main Renewal	76
10008592 - Northwest-Gas Tool/Equip	75
10008702 - Lakes-New Mains	29
10008857 - Newport-Gas New Mains	833
10008868 - Newport -Main Renewal	91
10008978 - Southeast- New Gas Mains	418
10008989 - Southeast-Gas Main Reinforce	40
10008992 - Newport-Gas Main Renewal	87
10009025 - Southeast-Gas Tools/Equip	47
10009035 - St Paul-New Gas Mains	31
10009046 - St Paul- Gas Main Renewal	120
10009095 - St Paul- Gas Tools/Equip	288
10009099 - Minnesota-Gas Meter Blanket	8,075
10009106 - Newport-Reg/Meter Station Inst	92
10144534 - White Bear-New Mains	718
10144539 - White Bear-Gas New Services	1,439
10144542 - White Bear-Syst Mtr & Reg Inst	10
10144543 - Wb-Gas Non-Refundable Ciac	(303)
10144545 - White Bear-Main Relocation	2,206
10144547 - White Bear-Main Renewal	60
10144549 - White Bear- Svc Renewal/Cutoff	940
10144577 - Wyoming - Gas New Mains	43
10144580 - Wyoming - Gas New Services	1,015
10144584 - Wy-Gas Non-Refundable Ciac	(84)
10144585 - Wyoming - Main Reinforcement	8
10144586 - Wyoming - Main Relocation	400
10144588 - Wyoming - Main Renewal	21
10144590 - Wyoming - Svc Renewal/Cutoff	37
10144648 - Northwest-New Gas Services	3,114
10144652 - Northwest-Reg/Meter Sta Instal	100
10144654 - Nw-Gas Non-Refundable Ciac	(537)
10144655 - Northwest-Main Relocation	896
10144659 - Northwest-Service Renew/Cutoff	399
10144717 - North Dakota -New Mains	2,971
10144718 - North Dakota -New Services	3,646
10144721 - North Dakota -Sys Mtr & Reg In	49

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10144722 - Nd-Gas Non-Refundable Ciac	(704)
10144724 - North Dakota -Main Relocation	633
10144726 - North Dakota -Main Renewal	225
10144728 - North Dakota -Svc Renew/Cutoff	165
10144729 - North Dakota -Gas Tools & Eq	67
10144731 - Lakes Area-Gas New Services	968
10144735 - Lakes-Gas Non-Refundable Ciac	(210)
10144738 - Lakes Area-Svc Renewal/Cutoff	31
10144740 - Newport-Gas New Services	1,576
10144743 - Npt-Gas Non-Refundable Ciac	(269)
10144746 - Newport-Svc Renewal/Cutoff	450
10144762 - Southeast-Gas New Services	796
10144765 - Southeast-Sys Reg & Mtr Inst	177
10144766 - Se-Gas Non-Refundable Ciac	(127)
10144769 - Southeast-Svc Renewal/Cutoff	372
10144786 - St Paul-Gas New Services	564
10144789 - St Paul-System Reg & Mtr Inst	150
10144790 - St P-Gas Non-Refundable Ciac	(225)
10144793 - St Paul-Svc Renewal/Cutoff	749
10145056 - Newport-Gas Main Relocation	825
10145096 - Southeast-Gas Main Relocation	285
10145176 - St Paul- Gas Main Relocation	1,300
10146269 - Lakes Area-Main Relocation	106
10376115 - MN-Transmission Reg and Meter	258
10380944 - Gas New Construction Carryover	1,000
10437164 - Capitalized Locating Cost-Gas	243
10556987 - Fleet New Unit Purchase Gas Op	2,175
10614176 - NSM Trans Line Install	242
10741658 - Fleet New Unit Purchase Gas Op	293
11362838 - STP/STP/Hoyt Birmingham RSVP	530
11503515 - ASV/REV Instalation on High Pr	500
11586537 - ND-Trans Reg/Mtr Sta Blanket	8
11615874 - East Metro Pipe Replac. Proj H	1,200
11649521 - NSPM TIMP Mitigation of ILI Re	4,700
11649522 - NSPM Programmatic Main Replace	6,700
11649766 - NSPM Programmatic Service Repl	4,100
11649797 - TL0206 High Bridge Lat Replace	900
11676981 - EastMetro Pipe Repla. Proj Dis	14,700
11731139 - NSPM Gas Metering System Tool	60

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Parent Proj Full Desc	Total
11771760 - NSPM Gas Plant Tools & Equip	66
11782426 - NSPM-Gas Metering Sys-Tools &	20
11806830 - Wescott Gas Production/Manufac	369
11806913 - Maplewood Gas Production/Manuf	370
11810308 - TL0206 Replace 18 inch So. of	850
11810314 - WCF-New Main for Business Proj	3,850
11823318 - MN Install Gas Communication E	102
11982195 - Replace obsolete regulators -	775
11982212 - Mendota Station Security and S	300
11983422 - Replace Obsolete Regulators -	310
12172508 - NSPM/PIPES Valve Data Project	300
12173259 - CSAH 77 Reconstruction	1,400
12173398 - Cap Fed Code Mitigation - Main	202
12173704 - Emergency Valve Replacement	800
Grand Total	84,752

Schedule 5A
2016 Capital Budget Excluding AFUDC
Gas Systems
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(\$000's)

Utility Desc	Parent Proj Full Desc	Total
Gas	10007118 - Gas Plants & Holders-Smal	1,261
	10008551 - Northwest-New Gas Mains	596
	10008568 - Northwest-Main Reinforcement	218
	10008572 - Northwest-Gas Main Renewal	76
	10008592 - Northwest-Gas Tool/Equip	75
	10008702 - Lakes-New Mains	29
	10008857 - Newport-Gas New Mains	833
	10008868 - Newport -Main Renewal	91
	10008978 - Southeast- New Gas Mains	418
	10008989 - Southeast-Gas Main Reinforce	40
	10008992 - Newport-Gas Main Renewal	87
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	10009095 - St Paul- Gas Tools/Equip	288
	10009099 - Minnesota-Gas Meter Blanket	8,075
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	10144539 - White Bear-Gas New Services	1,439
	10144542 - White Bear-Syst Mtr & Reg Inst	10
	10144543 - Wb-Gas Non-Refundable Ciac	(303)
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	10144547 - White Bear-Main Renewal	60
	10144549 - White Bear- Svc Renewal/Cutoff	940
	10144577 - Wyoming - Gas New Mains	43
	10144580 - Wyoming - Gas New Services	1,015
	10144584 - Wy-Gas Non-Refundable Ciac	(84)
	10144585 - Wyoming - Main Reinforcement	8
	10144586 - Wyoming - Main Relocation	400
	10144588 - Wyoming - Main Renewal	21
	10144590 - Wyoming - Svc Renewal/Cutoff	37
	10144648 - Northwest-New Gas Services	3,114
	10144652 - Northwest-Reg/Meter Sta Instal	100
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	10144655 - Northwest-Main Relocation	896
	10144659 - Northwest-Service Renew/Cutoff	399
	10144717 - North Dakota -New Mains	2,971
	10144718 - North Dakota -New Services	3,646
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	10144722 - Nd-Gas Non-Refundable Ciac	(704)
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	10145176 - St Paul- Gas Main Relocation	1,300
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	11649797 - TL0206 High Bridge Lat Replace	900
Gas	11676981 - EastMetro Pipe Repla. Proj Dis	14,700
	11731139 - NSPM Gas Metering System Tool	60
	11771760 - NSPM Gas Plant Tools & Equip	66
	11782426 - NSPM-Gas Metering Sys-Tools &	20

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	12173259 - CSAH 77 Reconstruction	1,400
	12173398 - Cap Fed Code Mitigation - Main	202
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Grand Total		84,752

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10008551 - Northwest-New Gas Mains	614
10008568 - Northwest-Main Reinforcement	222
10008572 - Northwest-Gas Main Renewal	78
10008592 - Northwest-Gas Tool/Equip	76
10008702 - Lakes-New Mains	30
10008857 - Newport-Gas New Mains	856
10008868 - Newport -Main Renewal	93
10008978 - Southeast- New Gas Mains	430
10008989 - Southeast-Gas Main Reinforce	5
10008992 - Newport-Gas Main Renewal	89
10009025 - Southeast-Gas Tools/Equip	48
10009035 - St Paul-New Gas Mains	32
10009046 - St Paul- Gas Main Renewal	122
10009095 - St Paul- Gas Tools/Equip	233
10009099 - Minnesota-Gas Meter Blanket	8,304
10009106 - Newport-Reg/Meter Station Inst	94
10144534 - White Bear-New Mains	738
10144539 - White Bear-Gas New Services	1,481
10144542 - White Bear-Syst Mtr & Reg Inst	10
10144543 - Wb-Gas Non-Refundable Ciac	(308)
10144545 - White Bear-Main Relocation	2,250
10144547 - White Bear-Main Renewal	61
10144549 - White Bear- Svc Renewal/Cutoff	959
10144577 - Wyoming - Gas New Mains	44
10144580 - Wyoming - Gas New Services	1,045
10144584 - Wy-Gas Non-Refundable Ciac	(86)
10144585 - Wyoming - Main Reinforcement	8
10144586 - Wyoming - Main Relocation	400
10144588 - Wyoming - Main Renewal	21
10144590 - Wyoming - Svc Renewal/Cutoff	38
10144648 - Northwest-New Gas Services	3,206
10144652 - Northwest-Reg/Meter Sta Instal	150
10144654 - Nw-Gas Non-Refundable Ciac	(547)
10144655 - Northwest-Main Relocation	914
10144659 - Northwest-Service Renew/Cutoff	407
10144717 - North Dakota -New Mains	3,057
10144718 - North Dakota -New Services	3,753
10144721 - North Dakota -Sys Mtr & Reg In	50