

Total NSP(MN)

Fuel Gas Schedules

Northern States Power - Minnesota  
 Lead Day Sample Size & Results - Fuel Gas  
 12 Months Ending December 31, 2012

Sample Size

Expense Category	Total Invoices	Census or Sample	2011 Mean Lead Days	2011 Variance Lead Days	Stratum 1 Size	Stratum 1 Percent of Expense Category	Minimum Stratum 2 Size	Stratum 2 Sample Size	Total Census or Sample
Fuel Gas	196	Sample	37.56	83.81	52	80.43%	30	50	102

Sample Results

Expense Category	Record Count	Weighted Average Lead	Weighted Variance	90% Confidence Interval	90% Precision	95% Confidence Interval	95% Precision
Fuel Gas	102	37.992	0.0231	0.250	0.659%	0.298	0.785%

Northern States Power  
 Fuel Gas Accounts Payable Activity FERC Account (GL Account 144200)  
 Twelve Months Ended December 31, 2012

Line No.	Census-1 Sample-2	Pay Reference	Description	Invoice Number	Invoice Date	Invoice Amount \$	Amount \$	From Service Date	To Service Date	Days of Service	Midpoint Days	Midpoint Date	Payment Date	Lead Days
1	1	706855400000	ANADARKO ENERGY SERVICES COMPANY	39425	7/6/2012	1,123,875.00	1,123,875.00	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	25-Jul-2012	39.5
2	1	949006400000	ANADARKO ENERGY SERVICES COMPANY	40058	8/21/2012	1,466,191.50	1,466,191.50	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	24-Aug-2012	39.0
3	1	864736400000	ANADARKO ENERGY SERVICES COMPANY	40707	9/12/2012	2,053,060.00	2,053,060.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
4	1	646776400000	ANADARKO ENERGY SERVICES COMPANY	41359	10/8/2012	1,186,875.00	1,186,875.00	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
5	1	358817400000	ANADARKO ENERGY SERVICES COMPANY	42067	11/9/2012	1,389,187.50	1,389,187.50	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	23-Nov-2012	38.0
6	2	579206400000	BP CANADA ENERGY MARKETING CORP	5361315	8/10/2012	2,530,192.50	448,387.50	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	27-Aug-2012	42.0
7	1	563736400000	BP CANADA ENERGY MARKETING CORP	5363905	9/12/2012	6,065,150.00	3,804,950.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
8	2	505227400000	BP CANADA ENERGY MARKETING CORP	5368938	11/12/2012	5,853,001.25	352,275.00	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	26-Nov-2012	41.0
9	1	333206400000	CARGILL INC	CRGL0712	8/17/2012	823,825.00	823,825.00	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	27-Aug-2012	42.0
10	1	374736400000	CARGILL INC	CRGL0812	9/7/2012	938,525.00	938,525.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
11	1	946776400000	CARGILL INC	CRGL0912	10/5/2012	791,250.00	791,250.00	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
12	1	094227400000	CARGILL INC	CRGL1012	11/14/2012	926,125.00	926,125.00	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	26-Nov-2012	41.0
13	2	505227400000	CENTERPOINT ENERGY MINNESOTA GAS	RS1211	1/9/2012	704,602.46	704,602.46	11/30/2011	12/31/2011	32.0	16.0	12/16/11 0:00	06-Feb-2012	52.5
14	2	167004400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0112	2/10/2012	719,619.22	719,619.22	12/31/2011	12/31/2011	32.0	16.0	1/16/12 0:00	09-Mar-2012	53.5
15	1	499924400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0212	3/7/2012	777,349.20	777,349.20	1/31/2012	2/29/2012	30.0	15.0	2/15/12 0:00	04-Apr-2012	49.5
16	1	824954400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0312	4/5/2012	758,001.80	758,001.80	2/29/2012	3/31/2012	32.0	16.0	3/16/12 0:00	03-May-2012	48.5
17	1	588594400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0412	5/4/2012	751,143.31	751,143.31	3/31/2012	4/30/2012	31.0	15.5	4/15/12 12:00	01-Jun-2012	47.0
18	2	919594400000	CENTERPOINT ENERGY MINNESOTA GAS	BLKDOG0412	5/4/2012	26,298.89	26,298.89	3/31/2012	4/30/2012	31.0	15.5	4/15/12 12:00	01-Jun-2012	47.0
19	1	978335400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0512	6/6/2012	774,262.20	774,262.20	4/30/2012	5/31/2012	32.0	16.0	5/16/12 0:00	03-Jul-2012	48.5
20	2	902275400000	CENTERPOINT ENERGY MINNESOTA GAS	KC0612	7/9/2012	23,351.22	23,351.22	5/31/2012	6/30/2012	31.0	15.5	6/15/12 12:00	06-Aug-2012	52.0
21	2	981275400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0612	7/9/2012	750,447.57	750,447.57	5/31/2012	6/30/2012	31.0	15.5	6/15/12 12:00	06-Aug-2012	52.0
22	1	053216400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0712	8/7/2012	789,375.08	789,375.08	6/30/2012	7/31/2012	32.0	16.0	7/16/12 0:00	04-Sep-2012	50.5
23	2	395396400000	CENTERPOINT ENERGY MINNESOTA GAS	RS0912/RS0812-A	10/5/2012	719,169.78	719,169.78	8/31/2012	9/30/2012	31.0	15.5	9/15/12 12:00	02-Nov-2012	48.0
24	2	312277400000	CENTERPOINT ENERGY MINNESOTA GAS	RS1112	12/6/2012	715,584.66	715,584.66	10/31/2012	11/30/2012	31.0	15.5	11/15/12 12:00	03-Jan-2013	49.0
25	2	074736400000	CHEVRON NATURAL GAS	742691	9/10/2012	469,650.00	469,650.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
26	1	077154400000	CIMA ENERGY LTD	0312-18763-1/0312-18	4/10/2012	1,719,725.00	1,381,300.00	3/1/2012	3/31/2012	31.0	15.5	3/16/12 12:00	25-Apr-2012	40.0
27	1	138984400000	CIMA ENERGY LTD	20008-20449	5/23/2012	3,911,603.75	2,798,386.25	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	25-May-2012	39.5
28	1	138984400000	CIMA ENERGY LTD	20008-20449	5/23/2012	3,911,603.75	17,150.00	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	25-May-2012	39.5
29	1	830425400000	CIMA ENERGY LTD	0512-21143-1	6/11/2012	3,461,950.00	3,158,537.50	5/1/2012	5/30/2012	30.0	15.0	5/16/12 0:00	25-Jun-2012	40.5
30	1	557065400000	CIMA ENERGY LTD	22066/22435	7/19/2012	3,644,816.90	2,889,800.00	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	25-Jul-2012	39.5
31	1	611106400000	CIMA ENERGY LTD	23355/23580	8/21/2012	6,394,250.00	5,121,500.00	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	24-Aug-2012	39.0
32	1	574736400000	CIMA ENERGY LTD	0812-24357-1	9/10/2012	2,998,525.00	1,797,800.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
33	1	876776400000	CIMA ENERGY LTD	25446/25579	10/17/2012	1,108,250.00	1,079,700.00	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
34	1	848227400000	CIMA ENERGY LTD	26480/26730	11/16/2012	3,262,917.50	1,553,950.00	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	26-Nov-2012	41.0
35	2	676855400000	CITIGROUP ENERGY INC	1824932	7/15/2012	89,700.00	89,700.00	6/8/2012	6/11/2012	4.0	2.0	6/10/12 0:00	25-Jul-2012	45.5
36	2	615584400000	CONOCO PHILLIPS CO	R041218692/R041219	5/10/2012	1,536,352.04	739,157.50	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	25-May-2012	39.5
37	1	435855400000	CONOCO PHILLIPS CO	R061221149	7/13/2012	2,735,218.75	2,250,175.00	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	25-Jul-2012	39.5
38	1	833995400000	CONOCO PHILLIPS CO	R071222232	8/10/2012	5,274,933.50	4,475,025.00	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	24-Aug-2012	39.0
39	1	323736400000	CONOCO PHILLIPS CO	R081223443	9/13/2012	2,398,897.50	928,390.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
40	2	356776400000	CONOCO PHILLIPS CO	R091224585	10/10/2012	857,665.00	719,100.00	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
41	1	835227400000	CONOCO PHILLIPS CO	R101226226/R101225	11/20/2012	4,301,090.63	1,101,535.01	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	26-Nov-2012	41.0
42	2	693306400000	EDF TRADING NORTH AMERICA LLC	82596	8/7/2012	59,725.00	59,725.00	7/6/2012	7/20/2012	15.0	7.5	7/13/12 12:00	27-Aug-2012	45.0
43	2	025044400000	GREATER MINNESOTA TRANSMISSION LL	78	4/1/2012	71,215.85	71,215.85	3/1/2012	3/31/2012	31.0	15.5	3/16/12 12:00	20-Apr-2012	35.0
44	2	488563400000	J. ARON & COMPANY	101185321-0/1011789	1/13/2012	1,450,890.74	285,100.00	12/1/2011	12/31/2011	31.0	15.5	12/16/11 12:00	25-Jan-2012	40.0

Northern States Power  
 Fuel Gas Accounts Payable Activity FERC Account (GL Account 144200)  
 Twelve Months Ended December 31, 2012

Line No.	Census-1 Sample-2	Pay Reference	Description	Invoice Number	Invoice Date	Invoice Amount \$	Amount \$	From Service Date	To Service Date	Days of Service	Midpoint Days	Midpoint Date	Payment Date	Lead Days
45	2	597914400000	MACQUARIE ENERGY LLC	GAS100020012	3/7/2012	3,943,378.35	132,650.00	2/1/2012	2/29/2012	29.0	14.5	2/15/12 12:00	26-Mar-2012	40.0
46	2	412354400000	MACQUARIE ENERGY LLC	GAS100020815.01REV	4/16/2012	3,223,162.01	646,600.00	3/1/2012	3/31/2012	31.0	15.5	3/16/12 12:00	25-Apr-2012	40.0
47	2	603425400000	MACQUARIE ENERGY LLC	GAS100022676	6/8/2012	1,100,775.33	613,455.33	5/1/2012	5/31/2012	31.0	15.5	5/16/12 12:00	25-Jun-2012	40.0
48	1	038306400000	MACQUARIE ENERGY LLC	GAS100024577	8/7/2012	5,363,161.00	3,189,345.00	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	27-Aug-2012	42.0
49	2	337186400000	MACQUARIE ENERGY LLC	GAS100026471.01REV	10/24/2012	1,672,120.60	160,800.00	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
50	1	821206400000	MIECO INC	159883	8/8/2012	1,205,242.53	1,205,242.53	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	27-Aug-2012	42.0
51	2	723736400000	MIECO INC	160693	9/7/2012	1,228,500.00	289,200.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
52	2	287483400000	NORTHERN BORDER PIPELINE CO	120042	2/7/2012	260,765.36	260,765.36	1/1/2012	1/31/2012	31.0	15.5	1/16/12 12:00	17-Feb-2012	32.0
53	2	716214400000	NORTHERN BORDER PIPELINE CO	120110	3/7/2012	244,140.47	244,140.47	2/1/2012	2/29/2012	29.0	14.5	2/15/12 12:00	19-Mar-2012	33.0
54	2	151074400000	NORTHERN BORDER PIPELINE CO	120244	5/7/2012	251,904.30	251,904.30	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	17-May-2012	31.5
55	2	000095400000	NORTHERN BORDER PIPELINE CO.	120441	8/7/2012	260,301.11	260,301.11	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	17-Aug-2012	32.0
56	2	706236400000	NORTHERN BORDER PIPELINE CO.	120505	9/10/2012	260,301.11	260,301.11	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	20-Sep-2012	35.0
57	1	886353400000	NORTHERN NATURAL GAS COMPANY	1487/1536	1/3/2012	1,326,584.83	1,326,584.83	12/1/2011	12/31/2011	31.0	15.5	12/16/11 12:00	13-Jan-2012	28.0
58	1	881183400000	NORTHERN NATURAL GAS COMPANY	3242/3291	2/1/2012	1,326,584.83	1,326,584.83	1/1/2012	1/31/2012	31.0	15.5	1/16/12 12:00	13-Feb-2012	28.0
59	1	144804400000	NORTHERN NATURAL GAS COMPANY	5096-5145	3/1/2012	1,326,584.83	1,326,584.83	2/1/2012	2/29/2012	29.0	14.5	2/15/12 12:00	12-Mar-2012	26.0
60	1	201934400000	NORTHERN NATURAL GAS COMPANY	6815/6864	4/2/2012	1,326,584.83	1,326,584.83	3/1/2012	3/31/2012	31.0	15.5	3/16/12 12:00	12-Apr-2012	27.0
61	1	230274400000	NORTHERN NATURAL GAS COMPANY	8593/8635/8716/8715/	5/1/2012	1,142,450.26	1,142,450.26	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	11-May-2012	25.5
62	1	155605400000	NORTHERN NATURAL GAS COMPANY	0267/0290/0373/0372/	6/1/2012	1,142,450.26	1,142,450.26	5/1/2012	5/31/2012	31.0	15.5	5/16/12 12:00	11-Jun-2012	26.0
63	2	855605400000	NORTHERN NATURAL GAS COMPANY	0295/94/93/92/0111/04	6/1/2012	1,751,253.42	223,343.97	5/1/2012	5/31/2012	31.0	15.5	5/16/12 12:00	11-Jun-2012	26.0
64	2	407745400000	NORTHERN NATURAL GAS COMPANY	1939/38/37/36/1759/20	7/2/2012	3,452,423.40	646,021.40	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	12-Jul-2012	26.5
65	1	517745400000	NORTHERN NATURAL GAS COMPANY	1911/1934/2020/2019/	7/2/2012	1,142,450.26	1,142,450.26	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	12-Jul-2012	26.5
66	1	034385400000	NORTHERN NATURAL GAS COMPANY	3546/3589/3673/3672/	8/1/2012	1,142,450.26	1,142,450.26	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	13-Aug-2012	28.0
67	2	730485400000	NORTHERN NATURAL GAS COMPANY	1147080112	8/1/2012	3,322,567.35	646,021.40	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	13-Aug-2012	28.0
68	1	015726400000	NORTHERN NATURAL GAS COMPANY	1147090412	9/4/2012	3,322,567.35	759,315.26	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	14-Sep-2012	29.0
69	1	293726400000	NORTHERN NATURAL GAS COMPANY	090412	9/4/2012	1,142,450.26	1,142,450.26	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	14-Sep-2012	29.0
70	1	055956400000	NORTHERN NATURAL GAS COMPANY	6774/6797/6881/6880/	10/1/2012	1,142,450.26	1,142,450.26	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	11-Oct-2012	25.5
71	1	445956400000	NORTHERN NATURAL GAS COMPANY	1147100112	10/1/2012	3,452,423.40	759,315.26	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	11-Oct-2012	25.5
72	1	221407400000	NORTHERN NATURAL GAS COMPANY	8450/8492/8574/8573/	11/1/2012	1,142,450.26	1,142,450.26	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	13-Nov-2012	28.0
73	1	411407400000	NORTHERN NATURAL GAS COMPANY	1147110112	11/1/2012	3,452,422.33	759,314.19	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	13-Nov-2012	28.0
74	1	055647400000	NORTHERN NATURAL GAS COMPANY	0154/0205	12/3/2012	1,317,256.40	1,317,256.40	11/1/2012	11/30/2012	30.0	15.0	11/16/12 0:00	13-Dec-2012	27.5
75	1	063736400000	SHELL ENERGY NORTH AMERICA US LP	2201781	9/13/2012	5,115,425.00	880,050.00	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
76	2	702363400000	TENASKA MARKETING VENTURES	201112-0535	1/9/2012	3,602,483.50	260,825.00	12/1/2011	12/31/2011	31.0	15.5	12/16/11 12:00	25-Jan-2012	40.0
77	2	959914400000	TENASKA MARKETING VENTURES	201202-0310	3/8/2012	1,294,702.13	613,150.00	2/1/2012	2/29/2012	29.0	14.5	2/15/12 12:00	26-Mar-2012	40.0
78	1	646154400000	TENASKA MARKETING VENTURES	201203-0173	4/10/2012	3,816,339.50	1,670,465.00	3/1/2012	3/31/2012	31.0	15.5	3/16/12 12:00	25-Apr-2012	40.0
79	2	616584400000	TENASKA MARKETING VENTURES	201204-0435	5/9/2012	3,583,102.50	390,937.50	4/1/2012	4/30/2012	30.0	15.0	4/16/12 0:00	25-May-2012	39.5
80	1	713125400000	TENASKA MARKETING VENTURES	201205-0601	6/14/2012	5,862,052.33	4,492,425.00	5/1/2012	5/31/2012	31.0	15.5	5/16/12 12:00	25-Jun-2012	40.0
81	1	466855400000	TENASKA MARKETING VENTURES	201206-0262	7/10/2012	8,687,841.25	6,054,575.00	6/1/2012	6/30/2012	30.0	15.0	6/16/12 0:00	25-Jul-2012	39.5
82	1	472206400000	TENASKA MARKETING VENTURES	201207-0203	8/8/2012	10,434,154.25	8,095,420.00	7/1/2012	7/31/2012	31.0	15.5	7/16/12 12:00	27-Aug-2012	42.0
83	1	882736400000	TENASKA MARKETING VENTURES	201208-0282	9/7/2012	3,099,094.75	2,538,362.50	8/1/2012	8/31/2012	31.0	15.5	8/16/12 12:00	25-Sep-2012	40.0
84	1	696776400000	TENASKA MARKETING VENTURES	201209-0238	10/8/2012	4,789,363.50	3,179,962.50	9/1/2012	9/30/2012	30.0	15.0	9/16/12 0:00	25-Oct-2012	39.5
85	1	525027400000	TENASKA MARKETING VENTURES	201210-0179	11/8/2012	6,449,669.75	3,539,412.50	10/1/2012	10/31/2012	31.0	15.5	10/16/12 12:00	26-Nov-2012	41.0