

Total NSP(MN)

Fuel Oil Schedules

Northern States Power - Minnesota
 Lead Day Sample Size & Results - Fuel Oil
 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 Oil	60	Census	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Sample Results

Expense Category	Record Count	Weighted Average Lead	Weighted Variance	90% Confidence Interval	90% Precision	95% Confidence Interval	95% Precision
Fuel Oil	60	20.075	Census - Not Applicable	Census - Not Applicable	Census - Not Applicable	Census - Not Applicable	Census - Not Applicable

Northern States Power
 Fuel Oil Accounts Payable Activity FERC Account 15100
 Twelve Months Ended December 31, 2012

Line No.	Census Sample	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	029225400000	FLINT HILLS RES-JUNE-12	13617128-0	06/14/2012	21,921.15	21,921.15	6/14/2012	6/14/2012	1	0.5	6/14/12 12:00	06/25/2012	11.0
2	1	042665400000	FLINT HILLS RESOURCES LP - JUL 12	13718093-0/13722093	07/19/2012	47,605.81	47,605.81	7/19/2012	7/20/2012	2	1.0	7/20/12 0:00	07/30/2012	10.5
3	1	046296400000	FLINT HILLS RES-OCT-12	14000815-0/14008441	10/24/2012	48,718.42	24,745.42	10/24/2012	10/24/2012	1	0.5	10/24/12 12:00	11/05/2012	12.0
4	1	085605400000	FLINT HILLS RES-MAY-12	13570781-0/13571671	05/30/2012	44,887.50	44,887.50	5/30/2012	5/30/2012	1	0.5	5/30/12 12:00	06/11/2012	12.0
5	1	105296400000	FLINT HILLS RES-OCT-12	13997358-0/13997601	10/23/2012	49,994.56	49,994.56	10/23/2012	10/23/2012	1	0.5	10/23/12 12:00	11/02/2012	10.0
6	1	120825400000	FLINT HILLS RES-JUN-12	13628512-0/13633363	06/18/2012	87,252.31	65,578.06	6/18/2012	6/20/2012	3	1.5	6/19/12 12:00	06/28/2012	9.0
7	1	137745400000	FLINT HILLS RES-JUL-12	13673000-0	07/02/2012	22,620.06	22,620.06	7/2/2012	7/2/2012	1	0.5	7/2/12 12:00	07/12/2012	10.0
8	1	156194400000	FLINT HILLS RES-MAY-12	13536146-0	05/16/2012	46,994.86	46,994.86	5/16/2012	5/17/2012	2	1.0	5/17/12 0:00	05/29/2012	12.5
9	1	156207400000	FLINT HILLS RES-OCT-12	14017735-0/14018211	10/30/2012	74,114.99	49,694.73	10/30/2012	10/30/2012	1	0.5	10/30/12 12:00	11/09/2012	10.0
10	1	170336400000	Flint Hills Resources - Sep-12	13874242-0	09/11/2012	25,838.33	25,838.33	9/11/2012	9/11/2012	1	0.5	9/11/12 12:00	09/21/2012	10.0
11	1	190494400000	FLINT HILLS RES-MAY-12	13546733-0/13548363	05/21/2012	45,139.26	23,061.83	5/22/2012	5/22/2012	1	0.5	5/22/12 12:00	05/31/2012	9.0
12	1	222015400000	FLINT HILLS RES-JUNE 12	13593977-0	06/06/2012	21,775.77	8,709.73	6/6/2012	6/6/2012	1	0.5	6/6/12 12:00	06/15/2012	9.0
13	1	226253400000	FLINT HILLS RES-JAN-12	13141408-0/13151977	01/02/2012	69,510.74	23,839.58	1/5/2012	1/5/2012	1	0.5	1/5/12 12:00	01/12/2012	7.0
14	1	231435400000	FLINT HILLS RES-JUN-12	13650747-0/13651743	06/26/2012	42,541.49	42,541.49	6/26/2012	6/26/2012	1	0.5	6/26/12 12:00	07/06/2012	10.0
15	1	315153400000	FLINT HILL RES-PP-FUEL OIL, MANKATO 4	13112550-0/13113427	12/21/2011	131,629.27	131,629.27	12/21/2011	12/21/2011	1	0.5	12/21/11 12:00	01/11/2012	21.0
16	1	316995400000	FLINT HILLS RES-AUG-12	13793869-0/13802239	08/14/2012	76,535.59	76,535.59	8/14/2012	8/16/2012	3	1.5	8/15/12 12:00	08/24/2012	9.0
17	1	346285400000	FLINT HILLS RES-JUL-12	13752914-0	07/31/2012	23,608.13	23,608.13	7/31/2012	7/31/2012	1	0.5	7/31/12 12:00	08/10/2012	10.0
18	1	346655400000	FLINT HILLS RES-JUL-12	13694163-0/13702089	07/11/2012	90,757.77	68,718.68	7/11/2012	7/13/2012	3	1.5	7/12/12 12:00	07/23/2012	11.0
19	1	370027400000	FLINT HILLS RES-NOV-12	14057852-0	11/12/2012	23,879.33	23,879.33	11/12/2012	11/12/2012	1	0.5	11/12/12 12:00	11/23/2012	11.0
20	1	419096400000	FLINT HILLS RESOURCES-OCT-12	13994418-0	10/22/2012	25,744.58	25,744.58	10/22/2012	10/22/2012	1	0.5	10/22/12 12:00	11/01/2012	10.0
21	1	437745400000	FLINT HILLS RES-JUL-12	13680883-0	07/06/2012	23,121.83	10,790.19	7/6/2012	7/6/2012	1	0.5	7/6/12 12:00	07/12/2012	6.0
22	1	458355400000	FLINT HILLS RES-JUL-12	13692133-0/13695397	07/10/2012	45,470.50	45,470.50	7/10/2012	7/10/2012	1	0.5	7/10/12 12:00	07/20/2012	10.0
23	1	472037400000	FLINT HILLS RES-NOV-12	14088215-0/14094614	11/23/2012	74,726.65	50,394.16	11/23/2012	11/23/2012	1	0.5	11/23/12 12:00	12/03/2012	10.0
24	1	490147400000	FLINT HILLS RES-PP-FUEL OIL, CANNON F	14105182-0/14106291	11/29/2012	212,834.28	212,834.28	11/29/2012	11/29/2012	1	0.5	11/29/12 12:00	12/10/2012	11.0
25	1	525556400000	FLINT HILLS RESOURCES-SEP-12	13922530-0	09/27/2012	24,152.14	24,152.14	9/27/2012	9/27/2012	1	0.5	9/27/12 12:00	10/09/2012	12.0
26	1	536326400000	Flint Hills Resources-Aug-12	13841170-0	08/30/2012	25,973.20	25,973.20	8/30/2012	8/30/2012	1	0.5	8/30/12 12:00	09/11/2012	12.0
27	1	597045400000	FLINT HILLS RES-JUNE-12	13655720-0	06/27/2012	21,803.33	21,803.33	6/27/2012	6/27/2012	1	0.5	6/27/12 12:00	07/09/2012	12.0
28	1	602947400000	FLINT HILLS RES-DEC-12	14119265-0/14126840	12/04/2012	47,181.36	24,030.28	12/4/2012	12/4/2012	1	0.5	12/4/12 12:00	12/14/2012	10.0
29	1	616724400000	FLINT HILLS RES-MAR-12	13366739-0/13372158	03/20/2012	51,039.96	51,039.96	3/20/2012	3/22/2012	3	1.5	3/21/12 12:00	03/30/2012	9.0
30	1	617936400000	Flint Hills Resources-Sept-12	13892543-0/13892674	09/17/2012	49,887.34	25,762.47	9/17/2012	9/17/2012	1	0.5	9/17/12 12:00	09/27/2012	10.0
31	1	647684400000	FLINT HILL RES-MAY-1	13524157-0/13528989	05/14/2012	47,511.61	23,666.03	5/15/2012	5/15/2012	1	0.5	5/15/12 12:00	05/24/2012	9.0
32	1	648374400000	FLINT HILLS RES-MAY-12	13489858-0/13498476	05/02/2012	100,157.56	100,157.56	5/2/2012	5/4/2012	3	1.5	5/3/12 12:00	05/14/2012	11.0
33	1	697554400000	FLINT HILLS RES-APR-12	13457280-0	04/20/2012	24,896.33	24,896.33	4/20/2012	4/20/2012	1	0.5	4/20/12 12:00	04/30/2012	10.0
34	1	790395400000	FLINT HILLS RES-AUG-12	13776824-0/13780080	08/08/2012	75,473.21	51,026.41	8/8/2012	8/9/2012	2	1.0	8/9/12 0:00	08/20/2012	11.5
35	1	846694400000	FLINT HILLS RES-MAY-12	13551509-0	05/23/2012	23,083.50	23,083.50	5/23/2012	5/23/2012	1	0.5	5/23/12 12:00	06/04/2012	12.0
36	1	905976400000	FLINT HILLS RES-OCT-12	13986965-0	10/19/2012	26,440.80	26,440.80	10/19/2012	10/19/2012	1	0.5	10/19/12 12:00	10/29/2012	10.0
37	1	922015400000	FLINT HILLS RES-JUN-12	13590532-0	06/05/2012	21,362.61	21,362.61	6/5/2012	6/5/2012	1	0.5	6/5/12 12:00	06/15/2012	10.0
38	1	924384400000	FLINT HILLS RESOURCES LP - MAY 12	13516118-0	05/10/2012	23,857.78	23,857.78	5/10/2012	5/10/2012	1	0.5	5/10/12 12:00	05/21/2012	11.0
39	1	925674400000	FLINT HILLS RESOURCES-MAY-12	13502081-0/13503831	05/06/2012	74,588.61	74,588.61	5/5/2012	5/7/2012	3	1.5	5/6/12 12:00	05/16/2012	10.0
40	1	943906400000	FLINT HILLS RES-AUG-12	13821229-0	08/23/2012	25,893.98	25,893.98	8/23/2012	8/23/2012	1	0.5	8/23/12 12:00	09/04/2012	12.0
41	1	987127400000	FLINT HILLS RES-NOV 12	14069727-0	11/16/2012	23,369.33	23,369.33	11/16/2012	11/16/2012	1	0.5	11/16/12 12:00	11/26/2012	10.0

Northern States Power
 Fuel Oil Accounts Payable Activity FERC Account 15100
 Twelve Months Ended December 31, 2012

Line No.	Census Sample	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
42	1	024337400000	JENSEN TRANSPORT INC-OCT 12	113528/113531/11353	11/15/2012	3,129.87	2,438.10	10/6/2012	10/30/2012	25	12.5	10/18/12 12:00	12/05/2012	48.0
43	1	176353400000	JENSEN TRANSPORT INC-NOV-11	103352-103360	12/16/2011	4,690.13	3,313.29	11/1/2011	11/30/2011	30	15.0	11/16/11 0:00	01/13/2012	58.5
44	1	217286400000	JENSEN TRANSPORT INC-SEP-12	112266/112287/11226	10/10/2012	1,491.29	328.36	9/17/2012	9/17/2012	1	0.5	9/17/12 12:00	10/30/2012	43.0
45	1	330825400000	JENSEN TRANSPORT-MAY-12	108756/108806	06/11/2012	1,340.84	1,006.28	5/23/2012	5/31/2012	9	4.5	5/27/12 12:00	06/29/2012	33.0
46	1	388173400000	JENSEN TRANSPORT INC-DEC-11 SHERCO	104493-104500	01/16/2012	2,603.80	1,967.60	12/1/2011	12/14/2011	14	7.0	12/8/11 0:00	02/03/2012	57.5
47	1	393867400000	JENSEN TRANSPORT-NOV-12	114500/114501/11450	12/13/2012	1,998.76	1,360.38	11/12/2012	11/23/2012	12	6.0	11/18/12 0:00	12/31/2012	43.5
48	1	468694400000	JENSEN TRANSPORT-APR-12 SHERCO	107937	05/11/2012	1,010.14	344.40	4/20/2012	4/20/2012	1	0.5	4/20/12 12:00	06/04/2012	45.0
49	1	485855400000	JENSEN TRANSPORT INC - JUNE 12 SHERCO	109469/109471/10947	07/05/2012	3,953.79	2,783.69	6/5/2012	6/26/2012	22	11.0	6/16/12 0:00	07/25/2012	39.5
50	1	500615400000	JENSEN TRANSPORT INC-MAY-12	108447/108419	05/31/2012	4,506.67	4,164.73	5/2/2012	5/22/2012	21	10.5	5/12/12 12:00	06/20/2012	39.0
51	1	632393400000	JENSEN TRANSPORT INC-JAN-12	2593459	02/03/2012	664.24	332.10	1/5/2012	1/5/2012	1	0.5	1/5/12 12:00	02/23/2012	49.0
52	1	699546400000	Jensen Transport - Aug-12 SHERCO	111663/111664/11166	09/17/2012	3,065.48	2,384.16	8/8/2012	8/30/2012	23	11.5	8/19/12 12:00	10/05/2012	47.0
53	1	755106400000	JENSEN TRANSPORT-JULY-12	110320/110321/11032	08/07/2012	3,936.40	3,120.00	7/2/2012	7/31/2012	30	15.0	7/17/12 0:00	08/27/2012	41.5
54	1	782954400000	JENSEN TRANSPORT INC-MAR-12 SHERCO	106119/107179	03/09/2012	1,698.87	688.88	3/20/2012	3/22/2012	3	1.5	3/21/12 12:00	05/04/2012	44.0
55	1	986286400000	JENSEN TRANSPORT INC-SEP-12	112265	10/10/2012	1,345.32	670.43	9/11/2012	9/27/2012	17	8.5	9/19/12 12:00	10/30/2012	41.0
56	1	048853400000	WAYNE TRANSPORTS INC-PP-FUEL OIL TR	1243939A-1245989A	12/27/2011	3,396.83	3,396.83	12/12/2011	12/16/2011	5	2.5	12/14/11 12:00	01/19/2012	36.0
57	1	158853400000	WAYNE TRANSPORT INC-PP-FUEL OIL TR	1247203A/1247213A	12/27/2011	2,370.61	2,370.61	12/20/2011	12/21/2011	2	1.0	12/21/11 0:00	01/19/2012	29.5
58	1	963867400000	WAYNE TRANSPORT-PP-FUEL OIL TRANSI	1405183A/1405191A	12/10/2012	1,824.28	1,824.28	11/29/2012	11/29/2012	1	0.5	11/29/12 12:00	12/31/2012	32.0
59	1	047226400000	Yocum Oil Co - 504582 Alliant Tech	504582	08/07/2012	3,833.80	3,833.80	8/7/2012	8/7/2012	1	0.5	8/7/12 12:00	09/10/2012	34.0
60	1	918915400000	YOCUM OIL CO-494136 UN HOSPITAL	00000494136	06/08/2012	11,142.60	11,142.60	6/8/2012	6/8/2012	1	0.5	6/8/12 12:00	06/19/2012	11.0

1,806,212.66