

Date Starting	Time	Gas Reading	On/ Off	Temperature In	Weighting	Temperature Out	Thermometer	Temperature Difference
30/11/2013	13:45	1665.762	0	16.2		7.7	18	8.5
30/11/2013	14:40		1	18.2		7.5	18	10.7
30/11/2013	18:05		1	18.1		6.6	18	11.5
01/12/2013	1:40		1	18.3		3.2	18	15.1
01/12/2013	3:14		1	18.0		3.2	18	14.8
01/12/2013	5:15		1	18.0		2.9	18	15.1
01/12/2013	5:45		1				18	
01/12/2013	9:25		0	15.3		4.2		11.1
01/12/2013	13:25	1668.21	0	15.2		8.8	18	6.4
01/12/2013	17:25		1	18.0	0.93	7.6	18	10.4
01/12/2013	23:45		1	17.8		4.1	18	13.7
02/12/2013	5:25		1	17.5	15.07	3.0	18	14.5
02/12/2013	10:10		0	15.7		5.1		10.6
02/12/2013	12:05	1671.697	0	15.4		6.8	18	8.6
02/12/2013	17:05		1	18.0	0.87	6.0	18	12
02/12/2013	20:05		1	18.2		5.7	18	12.5
03/12/2013	1:05		1	18.3		6.0	18	12.3
03/12/2013	4:05		1	17.7	15.13	6.0	18	11.7
03/12/2013	8:30		0	15.9		5.7		10.2
03/12/2013	11:50	1674.654	0	15.4		7.6	18	7.8
03/12/2013	13:25		1	18.6	1.07	7.7	18	10.9
03/12/2013	15:55		1	18.1		6.7	18	11.4
03/12/2013	20:05		1	17.7		5.4	18	12.3
04/12/2013	3:50		1	17.6	14.93	6.3	18	11.3
04/12/2013	12:15	1678.084	0	15.9		6.8	18	9.1
04/12/2013	17:30		1	18.1	0.73	5.1	18	13
05/12/2013	4:15		1	18.0	15.27	4.7	18	13.3

hair dryer

05/12/2013	12:55	1681.117	0	15.3		9.1	18	6.2
05/12/2013	15:05		1	18.0	0.90	6.5	18	11.5
05/12/2013	22:55		1	17.9		2.3	18	15.6
06/12/2013	4:55		1	17.8	15.10	1.6	18	16.2
06/12/2013	10:50		0	15.4		2.6		12.8
06/12/2013	14:00	1684.734	0	14.7		4.2	18	10.5
06/12/2013	15:15		1	17.9	1.07	3.0	18	14.9
06/12/2013	17:15		1	18.1		2.9	18	15.2
07/12/2013	2:30		1	18.1		2.7	18	15.4
07/12/2013	6:00		1	17.8	14.93	4.7	18	13.1
07/12/2013	13:10	1689.005	0	16.3		8.5	18	7.8
07/12/2013	14:10		1	17.9	0.53	8.0	18	9.9
07/12/2013	18:10		1	18.1		7.0	18	11.1
08/12/2013	0:45		1	18.5		6.6	18	11.9
08/12/2013	5:10		1	18.0	15.47	6.6	18	11.4
08/12/2013	9:40		0	16.4		7.9		8.5
08/12/2013	13:15	1691.685	0	15.6		9.0	18	6.6
08/12/2013	16:15		1	18.5	0.97	9.5	18	9
08/12/2013	20:15		1	18.0		10.0	18	8
09/12/2013	4:15		1	18.1		9.8	18	8.3
09/12/2013	5:15		1	17.8	15.03	9.4	18	8.4
09/12/2013	12:05	1694.191	0	16.2		10.2	18	6
09/12/2013	15:05		1	18.0	0.60	10.4	18	7.6
09/12/2013	21:40		1	18.2		6.4	18	11.8
10/12/2013	4:05		1	18.3	15.40	4.2	18	14.1
10/12/2013	9:00		0	15.9		4.3		11.6
10/12/2013	12:30	1696.698	0	15.5		7.3	18	8.2
10/12/2013	14:10		1	18.6		7.7	18	10.9
10/12/2013	20:10		1	17.9		6.6	18	11.3

hair dryer

cooking

hair dryer

11/12/2013	4:15		1	17.8	4.1	18	13.7
11/12/2013	12:00	1700.184	0	15.2	3.0	18	12.2
11/12/2013	16:15		1	18.0	3.2	18	14.8
11/12/2013	18:00		1	18.2	3.5	18	14.7
11/12/2013	22:35		1	17.8	2.3	18	15.5
12/12/2013	4:15		1	18.0	3.0	18	15
12/12/2013	7:40		0	16.0	3.9		12.1
12/12/2013	12:30	1703.622	0	14.9	6.6	18	8.3
13/12/2013	3:30		1	18.0	9.0	18	9
13/12/2013	5:30		1	18.0	9.4	18	8.6
13/12/2013	10:15		0	16.3	9.9		6.4
13/12/2013	14:40	1706.602	0	15.8	10.8	18	5
14/12/2013	4:40		1	17.7	5.2	18	12.5
14/12/2013	5:40		1	17.7	4.7	18	13
14/12/2013	12:45	1709.256	0	16.1	8.8	18	7.3
14/12/2013	23:30		1	17.9	10.6	18	7.3
15/12/2013	1:05		1	18.4	10.3	18	8.1
15/12/2013	3:30		1	18.5	9.5	18	9
15/12/2013	4:45		1	18.2	8.8	18	9.4
15/12/2013	12:30		0	16.0	9.2		6.8
15/12/2013	13:00	1711.704	0	16.1	9.1	18	7
15/12/2013	17:50		1	18.2	11.7	18	6.5
15/12/2013	20:50		1	18.7	12.4	18	6.3
16/12/2013	0:35		1	18.2	12.3	18	5.9
16/12/2013	5:00		1	18.4	12.4	18	6
16/12/2013	10:50		0	17.0	12.0		5
16/12/2013	12:15	1713.994	0	17.0	9.2	18	7.8
16/12/2013	15:00		1	18.1	8.2	18	9.9

17 hours

15 hours

17/12/2013	0:30		1	18.3	7.1	18	11.2
17/12/2013	4:15		1	18.0	6.1	18	11.9
17/12/2013	9:00		0	16.1	2.9		13.2
17/12/2013	12:00		0	15.7	6.4		9.3
17/12/2013	13:15	1716.189	0	15.8	7.2	18	8.6
17/12/2013	15:00		1	18.7	6.2	18	12.5
17/12/2013	18:45		1	17.9	4.0	18	13.9
18/12/2013	0:30		1	17.7	5.2	18	12.5
18/12/2013	5:15		1	17.9	4.7	18	13.2
18/12/2013	13:00	1719.652	0	15.4	8.1	18	7.3
18/12/2013	15:45		1	18.1	9.1	18	9
19/12/2013	1:15		1	18.5	7.1	18	11.4
19/12/2013	5:00		1	17.9	5.3	18	12.6
19/12/2013	8:30		0	16.7	4.0		12.7
19/12/2013	13:15	1722.444	0	15.4	6.5	18	8.9
19/12/2013	22:40		1	17.8	2.6	18	15.2
20/12/2013	3:30		1	17.7	2.0	18	15.7
20/12/2013	5:15		1	17.8	2.4	18	15.4
20/12/2013	10:45		0	15.6	4.5		11.1
20/12/2013	13:30	1725.859	0	15.0	6.7	18	8.3
20/12/2013	15:30		1	18.2	6.6	18	11.6
20/12/2013	21:15		1	17.8	8.5	18	9.3
21/12/2013	2:00		1	18.3	9.5	18	8.8
21/12/2013	5:30		1	17.9	9.5	18	8.4
21/12/2013	13:00	1728.96	0	16.0	10.8	18	5.2
21/12/2013	13:50		1	17.9	10.7	18	7.2
21/12/2013	20:30		1	17.9	9.1	18	8.8
22/12/2013	1:15		1	18.4	6.1	18	12.3
22/12/2013	5:00		1	17.9	5.3	18	12.6

hair dryer

hair dryer

22/12/2013	9:20		0	16.2		6.3		9.9
22/12/2013	13:50	1732.052	0	15.4		7.1	18	8.3
22/12/2013	20:45		1	17.9		3.6	18	14.3
22/12/2013	23:20		1	17.9		3.3	18	14.6
23/12/2013	4:00		1	18.1		2.7	18	15.4
23/12/2013	5:50		1	17.9		2.8	18	15.1
23/12/2013	13:00	1735.616	0	15.1		8.2	18	6.9
23/12/2013	16:45		1	18.5		9.9	18	8.6
23/12/2013	21:15		1	17.8		9.9	18	7.9
24/12/2013	4:00		1	18.4		9.4	18	9
24/12/2013	5:00		1	17.8		8.6	18	9.2
24/12/2013	12:50	1738.491	0	16.0		7.4	18	8.6
24/12/2013	13:40		1	17.9		7.4	18	10.5
24/12/2013	19:50		1	17.9		4.6	18	13.3
25/12/2013	2:45		1	17.9		4.1	18	13.8
25/12/2013	4:50		1	17.8		3.5	18	14.3
25/12/2013	13:15	1741.917	0	15.3		5.5	18	9.8
25/12/2013	22:50		1	18.1		2.0	18	16.1
26/12/2013	1:50		1	18.2		0.9	18	17.3
26/12/2013	5:15		1	17.9		1.7	18	16.2
26/12/2013	8:10		0	16.2		2.7	18	13.5
26/12/2013	13:05	1745.696	0	15.0		5.1	18	9.9
26/12/2013	14:05		1	17.7		4.9	18	12.8
26/12/2013	17:55		1	17.7		2.5	18	15.2
26/12/2013	21:00		1	18.1		3.3	18	14.8
26/12/2013	23:25		1	18.1		5.1	18	13
27/12/2013	1:15		1	17.9		5.9	18	12
27/12/2013	4:00		1	17.9		7.2	18	10.7
27/12/2013	5:05		1	17.9		7.6	18	10.3
27/12/2013	7:20		1	17.7		7.6	18	10.1
27/12/2013	10:15		1	18.0		9.0	18	9

hair dryer

Failed off

27/12/2013	12:30		0	17.1	9.6		7.5
27/12/2013	14:40	1750.221	0	16.3	9.7		6.6
27/12/2013	18:15		0	15.9	8.1	18	7.8
28/12/2013	0:00		1	18.3	5.5	18	12.8
28/12/2013	5:05		1	18.3	4.3	18	14
28/12/2013	8:10		0	16.6	3.0		13.6
28/12/2013	13:15	1753.167	0	16.1	6.9	18	9.2
28/12/2013	15:30		1	17.9	6.1	18	11.8
28/12/2013	21:45		1	17.9	3.6	18	14.3
29/12/2013	0:45		1	18.2	3.2	18	15
29/12/2013	5:15		1	17.7	3.0	18	14.7
29/12/2013	6:55		0	16.6	3.2		13.4
29/12/2013	10:10		0	15.4	3.9		11.5
29/12/2013	12:15		0	15.2	6.3		8.9
29/12/2013	13:05	1756.345	0	15.3	6.7	18	8.6
29/12/2013	14:05		1	17.9	6.5	18	11.4
29/12/2013	15:05		1	17.8	5.7	18	12.1
29/12/2013	19:45		1	17.8	4.0	18	13.8
29/12/2013	23:15		1	17.7	5.1	18	12.6
30/12/2013	4:05		1	17.9	7.3	18	10.6
30/12/2013	5:05		1	17.9	7.8	18	10.1
30/12/2013	8:10		0	16.7	8.7		8
30/12/2013	13:00	1759.806	0	15.4	9.6	18	5.8
30/12/2013	14:00		1	17.8	8.6	18	9.2
30/12/2013	15:20		1	17.9	7.8	18	10.1
31/12/2013	0:30		1	18.4	4.5	18	13.9
31/12/2013	3:15		1	17.8	4.6	18	13.2
31/12/2013	5:00		1	17.9	5.5	18	12.4
		3.184 today					
31/12/2013	8:00		0	16.5	7.0		9.5
31/12/2013	10:15		0	15.8	7.2		8.6

On as if 13:05

Tuesday	31/12/2013	12:45	1762.99	0	15.5	8.5	18	7
	31/12/2013	13:45		1	17.8	7.3	18	10.5
	31/12/2013	17:40		1	17.6	5.7	18	11.9
	31/12/2013	21:00		1	17.6	4.6	18	13
	31/12/2013	23:45		1	18.1	4.9	18	13.2
	01/01/2014	4:45	1766.329	1	17.8	4.3	18	13.5

3.339 today shower

	01/01/2014	13:20		0	15.1	6.7		8.4
	01/01/2014	15:45		0	15.3	7.6		7.7
	01/01/2014	17:45		0	15.2	9.3		5.9
	01/01/2014	20:00		0	15.5	9.6		5.9 ovens on
	01/01/2014	20:50		0	15.9	9.5		6.4
	01/01/2014	21:05		0	16.1	9.5		6.6 eating
	01/01/2014	21:35		0	16.1	9.8		6.3
	01/01/2014	23:50		0	15.7	9.2		6.5
	02/01/2014	3:00		0	17.9	8.4		9.5
	02/01/2014	4:50	1768.097	1	18.1	7.0	18	11.1

1.768 Today

Weighting is lift of 2 minutes for 0.1 degree in green area  
Maintenance time is what follows, regardless of first reading time

	02/01/2014	6:00		0	17.4	6.7		
	02/01/2014	9:00		0	16.0	6.4		
	02/01/2014	11:50		0	15.7	7.8		
	02/01/2014	14:00		0	15.9	8.3		
	02/01/2014	21:00		0	15.0	6.8		3 candles lit
	03/01/2014	0:25		0	15.9	7.9		only microwave, kettl
	03/01/2014	1:25		0	15.9	8.4		candles out by 01:15
	03/01/2014	3:00		0	15.5	8.2		
	03/01/2014	6:40		0	15.2	7.8		
	03/01/2014	10:20	1768.288	0	14.5	7.7		

0.191 Today

washing up, washing

03/01/2014	15:15	0	14.0	7.3		
03/01/2014	17:30	0	14.4	5.9		
03/01/2014	18:40	0	14.1	5.6		t lights on
03/01/2014	20:15	5 t-lights	14.5	5.8		
03/01/2014	21:15	10 t-lights	14.8	5.5		
03/01/2014	22:15	10 t-lights	15.2	5.9		
04/01/2014	2:00	< 10 t-lights	14.8	5.5		last one dies
04/01/2014	5:55	1768.531	14.4	5.0		
		0.243 washing up!				
04/01/2014	7:10		14.0	5.5		have shower
04/01/2014	13:40	1768.957				
		0.426 shower only				
04/01/2014	15:00	0	14.2	6.6		
04/01/2014	16:00	1	16.4	6.3		
04/01/2014	19:30	1	18.2	5.6		
04/01/2014	21:00	1	17.9	5.3		off
04/01/2014	22:00	0	17.6	5.2		
05/01/2014	1:40	0	16.5	3.1		
05/01/2014	2:00	0	16.1	2.9		heating on
05/01/2014	2:30	1	16.9	2.6	18	
05/01/2014	3:00	1	17.9	2.6	18	shows progress
05/01/2014	4:00	1772.156	1	17.7	18	
		3.199 today no shower				
		8 hours only 2 sessions				
05/01/2014	9:40	0	14.7	2.4		car said 1.5
05/01/2014	14:00	0	13.7	5.0		car agreed
05/01/2014	16:15	0	14.1	5.3		
05/01/2014	18:55	0	14.8	6.4		candles
05/01/2014	20:40	0	14.9	7.2		
05/01/2014	23:20	1772.296	0	13.9	18	
06/01/2014	0:20	1773.178	1	16.5	18	
06/01/2014	1:00	1773.454	1	17.7	18	halted
	1:40	1.158 lift amount	3.8			



06/01/2014	6:20	1774.709	1	17.9	8.1	
06/01/2014	13:40		0	15.5	10.9	
06/01/2014	17:40		0	15.4	9.5	
06/01/2014	19:50		0	16.5	8.9	
06/01/2014	23:16	1774.709	0	16.0	8.5	
06/01/2014	23:50	1775.24	1	17.1	8.7	18
07/01/2014	0:13	1775.499	1	17.9	9.0	18
	0:57	0.79 lift amount		1.9		
07/01/2014	5:00		1	18.0	7.9	
07/01/2014	9:00			16.0	7.5	
07/01/2014	12:50	1776.627	0	15.3	9.5	
07/01/2014	14:10	1777.017	0	15.7	9.2	hairdryer effect
		0.390 shower only				
08/01/2014	0:10	1777.103	0			
		0.086 washing up!				
08/01/2014	0:40		0	15.2	7.2	
08/01/2014	0:58		1	16.2	7.1	
08/01/2014	1:20		1	17.2	6.9	
08/01/2014	1:30		1	17.5	7.1	
08/01/2014	1:32		1	17.6	7.1	
08/01/2014	1:33		1	17.7	7.1	
08/01/2014	1:35		1	17.8	7.1	
08/01/2014	1:36		1	17.9	7.1	
08/01/2014	1:40		1	18.0	7.1	
08/01/2014	5:00		1	18.0		
08/01/2014	9:30	1778.835	0	15.6	7.6	
08/01/2014	16:30		0	15.2	8.4	
08/01/2014	22:30		0	14.7	6.7	
09/01/2014	3:40		1	18.3	8.3	

09/01/2014	6:43		1	17.9	6.8
09/01/2014	13:05	1781.157	0	15.5	7.3
09/01/2014	20:40		0	15.2	5.0
09/01/2014	23:00		0	15.0	4.0
10/01/2014	1:25		1	18.4	3.8
10/01/2014	6:15		1	17.9	3.9
10/01/2014	10:40	1783.445	0	15.6	5.4
	End				

Day Starting	Date Starting	Timing (Hours)	Gas Use
01	01/12/2013	16.00	3.487
02	02/12/2013	16.00	2.957
03	03/12/2013	16.00	3.430
04	04/12/2013	16.00	3.033
05	05/12/2013	16.00	3.617
06	06/12/2013	16.00	4.271
07	07/12/2013	16.00	2.680
08	08/12/2013	16.00	2.506
09	09/12/2013	16.00	2.507
10	10/12/2013	15.75	3.486
11	11/12/2013	16.25	3.438
12	12/12/2013	17.00	2.980
13	13/12/2013	15.00	2.654
14	14/12/2013	16.00	2.448
15	15/12/2013	16.00	2.290
16	16/12/2013	16.00	2.195
17	17/12/2013	16.00	3.463
18	18/12/2013	16.00	2.792
19	19/12/2013	16.00	3.415
20	20/12/2013	16.00	3.101
21	21/12/2013	16.00	3.092
22	22/12/2013	16.00	3.564
23	23/12/2013	16.00	2.875
24	24/12/2013	16.00	3.426
25	25/12/2013	16.00	3.779

26	26/12/2013	21.17	4.525
27	27/12/2013	10.83	2.946
28	28/12/2013	16.00	3.178
29	29/12/2013	16.00	3.461
30	30/12/2013	16.00	3.184
31	31/12/2013	16.00	3.339

	Cubic Metres Gas Total	Calorific Value	Kilowatt Hours	Price	Charge use £	Days (Readings)	
Session	98.119	39.5	1077		3.581	£38.55	31
With preparation	100.567	39.5	1103		3.581	£39.51	32

	Standing Charge/ Day	Standing charge	Total Month	Total Month and VAT	Actual Total Month and VAT Declared by NPower	Total Cost per Day
Session	23.300	£7.22	£45.78	£48.06	£49.36	£1.55
With preparation	23.300	£7.46	£46.97	£49.32	£50.62	£1.54

NPower Corrective	1.027	£1.59
NPower Corrective	1.026	£1.58

Note: NPower only reads in front of decimal point cubic metres

ly