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APPENDIX A

A.1. Energy potential of the flare gas

Average gas compositions of flare gas

Table A-0-1 : Average flare gas composition

Component	Vol %	Mol. wt	wt %
H2S	5.000	66	15.127
H2	43.023	2	3.944
C1	16.088	16	11.800
C2	14.050	30	19.321
C3	13.070	44	26.362
iC4	3.271	58	8.696
nC4	5.294	58	14.076
iC5	0.204	72	0.674
nC5	0.000	72	0.000
Total	100.000	418.000	100.000

A.1.1 Element wise weight fraction

Table A-0-2 : Element wise weight fraction

%	C1	C2	C3	iC4	nC4	iC5	nC5	H2S	H2	Total
C	8.85	15.46	21.57	7.20	11.65	0.56	0.00	0.00	0.00	65.28
H	2.95	3.86	4.79	1.50	2.43	0.11	0.00	0.47	3.94	20.06
S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.65	0.00	14.65

A.1.2. Estimating energy potential

$$\text{HHV} = 14500 \times C + 62000 \times \left(H_2 - \frac{O_2}{8} \right) + 4000 \times S$$

Equation A-1 [23] [29]

$$\text{HHV} = 14500 \times 0.653 + 62000 \times \left(0.201 - \frac{0}{8}\right) + 4000 \times 0.147$$

$$\text{HHV} = 22518.5 \text{ Btu/lb}$$

$$\text{LHV} = \text{HHV} - 9720 \times H_2 - 1110W$$

Equation A-2 [23] [29]

$$\text{LHV} = 22518.5 - 9720 \times 0.201 - 0$$

$$\text{LHV} = 20564.78 \text{ Btu/lb}$$

APPENDIX B

The data gathered from the Sapugaskanda oil refinery from 2014 August to 2016 September. LPG overall requirement is based on 36 MT/Day flare gas recovery.

Date	Total Gases in 18 bar	Total Gases in 12 bar	Total Gases in 7 bar	Total Gases above 3 bar and below 7 bar	For case 1 - Rest gases except gases in 18 bar	For case 2- Rest gases except gases in 18 bar and 12 bar	Exist LPG make up flow	Total gas to FG system	Fuel gas to flare	Total gas to flare	Total Fuel gas to Units	To Fuel	LPG - overall requirement
A	B	C	D	E	F	G	H	I	J	K	L	M	N
1-Aug-14	32.29	20.19	16.69	28.25	65.13	44.95	1.85	99.27	9.14	10.66	90.13	90.13	27.19
2-Aug-14	34.91	7.95	23.09	28.25	59.29	51.34	1.85	96.05	10.06	11.57	86.00	86.00	26.28
3-Aug-14	34.91	9.25	23.09	28.25	60.59	51.34	1.85	97.35	10.06	11.57	87.30	87.30	26.28
4-Aug-14	34.91	11.15	23.09	28.25	62.49	51.34	1.85	99.25	10.06	11.57	89.19	89.19	26.28
5-Aug-14	34.91	8.65	23.09	28.25	59.99	51.34	1.85	96.75	10.06	11.57	86.70	86.70	26.28
6-Aug-14	34.91	9.48	23.09	28.25	60.82	51.34	1.85	97.58	10.06	11.57	87.53	87.53	26.28
7-Aug-14	34.91	9.85	23.09	28.25	61.19	51.34	1.85	97.95	10.06	11.57	87.90	87.90	26.28
8-Aug-14	34.91	9.06	23.09	28.25	60.40	51.34	1.85	97.16	10.06	11.57	87.11	87.11	26.28
9-Aug-14	34.91	5.24	23.09	28.25	56.58	51.34	1.85	93.34	10.06	11.57	83.28	83.28	26.28
10-Aug-14	34.91	11.09	23.09	28.25	62.43	51.34	0.62	97.95	10.06	11.57	87.90	87.90	25.04
11-Aug-14	31.59	5.70	24.89	28.25	58.85	53.14	4.32	94.75	10.06	10.97	84.70	84.70	29.36
12-Aug-14	31.59	8.19	24.89	28.25	61.33	53.14	4.32	97.24	10.06	12.18	87.18	87.18	28.15
13-Aug-14	31.59	8.52	24.89	28.25	61.66	53.14	4.32	97.57	10.06	12.79	87.51	87.51	27.54

A	B	C	D	E	F	G	H	I	J	K	L	M	N
14-Aug-14	31.59	9.24	24.89	28.25	62.38	53.14	4.32	98.29	10.06	13.09	88.23	88.23	27.24
15-Aug-14	31.59	15.24	24.89	28.25	68.39	53.14	4.32	104.30	10.06	13.09	94.24	94.24	27.24
16-Aug-14	31.59	15.25	24.89	28.25	68.39	53.14	4.32	104.30	10.06	13.09	94.24	94.24	27.24
17-Aug-14	35.61	5.75	24.89	28.25	58.89	53.14	4.32	98.83	10.06	13.09	88.77	88.77	27.24
18-Aug-14	35.61	13.62	24.89	28.25	66.76	53.14	4.32	106.70	10.06	13.09	96.64	96.64	27.24
19-Aug-14	35.61	18.44	24.89	28.25	71.58	53.14	4.32	111.52	9.75	12.78	101.76	101.76	27.54
20-Aug-14	29.35	13.49	24.89	29.74	68.12	54.63	4.32	101.80	9.75	14.30	92.05	92.05	26.03
21-Aug-14	29.00	17.23	15.42	29.74	62.39	45.16	11.68	103.07	5.49	7.91	97.58	97.58	39.77
22-Aug-14	29.00	11.68	15.42	29.74	56.84	45.16	11.68	97.52	5.49	7.91	92.03	92.03	39.77
23-Aug-14	29.45	19.23	13.62	29.74	62.59	43.36	4.94	96.98	5.49	6.40	91.49	91.49	34.55
24-Aug-14	29.45	16.85	13.62	29.74	60.21	43.36	4.94	94.60	5.49	6.40	89.11	89.11	34.55
25-Aug-14	29.45	19.82	13.62	29.74	63.18	43.36	4.94	97.57	5.49	6.40	92.08	92.08	34.55
26-Aug-14	29.45	15.87	13.62	29.74	59.22	43.36	4.94	93.62	5.49	7.30	88.13	88.13	33.64
27-Aug-14	29.45	14.86	14.52	29.74	59.12	44.26	1.24	89.80	5.49	7.30	84.32	84.32	29.93
28-Aug-14	29.45	15.25	14.52	29.74	59.51	44.26	1.24	90.19	4.57	5.48	85.62	85.62	31.75
29-Aug-14	29.45	17.65	14.52	29.74	61.91	44.26	1.24	92.60	4.57	5.48	88.02	88.02	31.75
30-Aug-14	29.45	14.70	14.52	29.74	58.96	44.26	1.24	89.64	4.57	7.00	85.07	85.07	30.24
31-Aug-14	29.45	17.67	14.52	29.74	61.93	44.26	1.24	92.61	4.57	7.00	88.04	88.04	30.24
1-Sep-14	29.45	10.98	18.58	29.74	59.30	48.32	1.24	89.98	4.57	5.48	85.41	85.41	31.75
2-Sep-14	29.45	21.47	18.58	29.74	69.79	48.32	1.24	100.48	4.57	7.00	102.69	102.69	37.02
3-Sep-14	29.45	21.59	18.58	29.74	69.90	48.32	1.24	100.59	4.57	7.00	96.02	96.02	30.24
4-Sep-14	29.45	26.04	18.58	29.74	74.36	48.32	1.24	105.05	4.57	7.00	100.48	100.48	30.24
5-Sep-14	29.45	26.59	18.58	29.74	74.91	48.32	1.24	105.59	4.57	7.00	101.02	101.02	30.24
6-Sep-14	29.45	26.82	18.58	29.74	75.14	48.32	1.24	105.82	4.57	7.00	101.25	101.25	30.24
7-Sep-14	29.45	18.63	18.58	29.74	66.95	48.32	1.24	97.64	4.57	7.00	93.06	93.06	30.24
8-Sep-14	29.45	14.19	18.58	29.74	62.51	48.32	1.24	93.19	4.57	7.00	88.62	88.62	30.24
9-Sep-14	29.45	14.54	18.58	29.74	62.86	48.32	1.24	93.55	4.57	7.00	88.97	88.97	30.24
10-Sep-14	29.45	11.77	18.58	29.74	60.09	48.32	1.24	90.77	4.57	7.00	86.20	86.20	30.24
11-Sep-14	29.45	16.69	18.58	29.74	65.01	48.32	1.24	95.70	4.57	7.00	91.12	91.12	30.24

A	B	C	D	E	F	G	H	I	J	K	L	M	N
12-Sep-14	29.45	22.93	18.04	24.18	65.15	42.22	1.24	95.84	4.57	7.00	91.26	91.26	30.24
13-Sep-14	29.45	22.89	18.04	24.18	65.10	42.22	1.24	95.79	4.57	7.00	91.22	91.22	30.24
14-Sep-14	29.45	22.82	18.04	24.18	65.04	42.22	1.24	95.72	4.57	7.00	91.15	91.15	30.24
15-Sep-14	29.45	16.46	18.58	29.74	64.78	48.32	1.24	95.46	4.57	7.00	90.89	90.89	30.24
16-Sep-14	29.45	16.69	18.58	29.74	65.01	48.32	1.24	95.70	4.57	7.00	91.12	91.12	30.24
17-Sep-14	29.45	16.70	18.58	29.74	65.02	48.32	1.24	95.71	4.57	7.00	91.13	91.13	30.24
18-Sep-14	29.45	16.73	18.58	29.74	65.04	48.32	1.24	95.73	4.57	7.00	91.16	91.16	30.24
19-Sep-14	29.45	16.49	18.58	29.74	64.81	48.32	1.24	95.50	4.57	7.00	90.93	90.93	30.24
20-Sep-14	29.45	26.54	18.58	29.74	74.86	48.32	1.24	105.54	4.57	7.00	100.97	100.97	30.24
21-Sep-14	29.45	25.11	18.58	29.74	73.43	48.32	1.24	104.12	4.57	7.00	99.54	99.54	30.24
22-Sep-14	29.45	24.28	18.58	29.74	72.60	48.32	1.24	103.28	4.57	7.60	98.71	98.71	29.63
23-Sep-14	29.45	25.33	18.58	29.74	73.64	48.32	1.24	104.33	4.57	7.60	99.76	99.76	29.63
24-Sep-14	29.45	25.86	18.58	29.74	74.18	48.32	1.24	104.87	4.57	7.60	100.30	100.30	29.63
25-Sep-14	29.45	27.87	18.58	29.74	76.19	48.32	1.24	106.87	4.57	7.60	102.30	102.30	29.63
26-Sep-14	29.45	27.12	18.58	29.74	75.44	48.32	1.24	106.12	4.57	7.60	101.55	101.55	29.63
27-Sep-14	29.45	25.34	18.58	29.74	73.66	48.32	1.24	104.34	4.57	7.60	99.77	99.77	29.63
28-Sep-14	29.45	25.98	18.58	29.74	74.30	48.32	1.24	104.99	4.57	7.60	100.42	100.42	29.63
29-Sep-14	29.45	25.90	18.58	29.74	74.22	48.32	1.24	104.91	4.57	7.60	100.34	100.34	29.63
30-Sep-14	29.45	25.09	18.58	29.74	73.41	48.32	1.24	104.10	4.57	7.60	99.53	99.53	29.63
1-Oct-14	29.45	27.38	18.58	29.74	75.70	48.32	1.24	106.38	4.57	7.60	101.81	101.81	29.63
2-Oct-14	29.45	30.90	18.58	29.74	79.22	48.32	1.24	109.90	3.66	6.69	106.25	106.25	30.55
3-Oct-14	29.45	34.38	18.58	29.74	82.69	48.32	1.24	113.38	3.35	6.38	110.03	110.03	30.85
4-Oct-14	29.45	33.57	18.58	29.74	81.89	48.32	1.24	112.58	5.49	8.52	107.09	107.09	28.72
5-Oct-14	31.69	31.22	18.58	29.74	79.54	48.32	1.24	112.47	4.57	7.60	107.90	107.90	29.63
6-Oct-14	30.79	36.48	18.58	29.74	84.80	48.32	1.24	116.83	6.40	9.43	110.43	110.43	27.80
7-Oct-14	29.90	32.22	18.58	29.74	80.53	48.32	1.24	111.67	2.44	5.47	109.23	109.23	31.77
8-Oct-14	30.35	34.14	18.58	29.74	82.46	48.32	1.24	114.04	2.44	5.47	111.61	111.61	31.77
9-Oct-14	29.45	29.96	18.58	29.74	78.28	48.32	1.24	108.97	5.49	8.52	103.48	103.48	28.72
10-Oct-14	29.45	30.89	19.48	29.74	80.11	49.22	2.47	112.03	5.03	7.45	107.00	107.00	31.02

A	B	C	D	E	F	G	H	I	J	K	L	M	N
11-Oct-14	29.45	28.88	19.48	29.74	78.10	49.22	3.09	110.64	2.07	4.35	108.57	108.57	34.74
12-Oct-14	36.92	25.85	19.48	29.74	75.07	49.22	3.09	115.07	5.00	7.27	110.08	110.08	31.82
13-Oct-14	36.92	17.63	19.03	29.74	66.40	48.77	2.47	105.79	2.44	4.86	103.35	103.35	33.61
14-Oct-14	37.84	23.17	17.63	29.33	70.14	46.97	2.47	110.45	10.06	12.79	100.39	100.39	25.69
15-Oct-14	37.80	30.26	15.36	29.01	74.63	44.37	2.47	114.90	9.14	11.57	105.75	105.75	26.90
16-Oct-14	38.69	27.82	15.36	28.95	72.12	44.31	2.16	112.98	10.36	12.48	102.61	102.61	25.68
17-Oct-14	37.16	35.50	19.01	26.80	81.31	45.81	1.24	119.71	10.36	12.18	109.35	109.35	25.05
18-Oct-14	37.16	30.44	19.01	26.80	76.25	45.81	1.24	114.65	10.85	12.67	103.80	103.80	24.57
19-Oct-14	37.16	28.30	19.01	26.80	74.11	45.81	1.24	112.51	4.27	6.09	108.24	108.24	31.15
20-Oct-14	37.16	16.86	19.01	26.80	62.68	45.81	1.24	101.08	9.75	10.97	108.29	108.29	43.24
21-Oct-14	35.55	37.75	11.32	28.01	77.08	39.34	2.78	115.42	8.53	9.75	106.88	106.88	29.03
22-Oct-14	34.80	13.67	10.40	28.09	52.16	38.49	2.47	89.44	7.32	9.13	105.12	105.12	52.34
23-Oct-14	34.49	37.50	10.90	27.55	75.95	38.45	2.47	112.91	10.52	12.94	102.39	102.39	25.53
24-Oct-14	34.49	38.66	11.14	25.89	75.69	37.03	2.47	112.64	8.53	8.84	104.11	104.11	29.63
25-Oct-14	34.49	35.46	10.82	23.06	69.35	33.89	0.00	103.84	8.53	9.14	95.30	95.30	26.86
26-Oct-14	43.48	17.48	10.82	26.78	55.08	37.61	8.03	106.59	8.84	11.26	97.75	97.75	32.77
27-Oct-14	37.04	33.39	10.82	23.06	67.27	33.89	0.00	104.31	4.27	5.48	101.03	101.03	31.51
28-Oct-14	39.49	18.27	10.82	26.78	55.88	37.61	1.85	97.22	4.88	5.48	92.34	92.34	32.37
29-Oct-14	39.49	30.67	10.82	26.78	68.27	37.61	1.24	108.99	5.49	6.24	103.51	103.51	30.99
30-Oct-14	39.49	25.36	10.82	26.78	62.96	37.61	1.85	104.30	3.35	3.96	100.95	100.95	33.89
31-Oct-14	39.49	19.42	10.82	26.78	57.02	37.61	1.85	98.36	2.44	3.04	95.92	95.92	34.81
1-Nov-14	39.49	21.42	10.82	26.78	59.03	37.61	1.85	100.36	3.35	3.96	93.11	93.11	29.99
2-Nov-14	39.49	13.63	10.82	26.78	51.24	37.61	1.85	92.58	3.35	3.96	89.22	89.22	33.89
3-Nov-14	39.49	24.44	10.82	26.78	62.05	37.61	1.54	103.08	4.57	5.48	98.51	98.51	32.06
4-Nov-14	39.49	31.58	10.82	26.78	69.18	37.61	0.00	108.67	3.66	5.78	105.01	105.01	30.22
5-Nov-14	39.49	26.96	10.82	26.78	64.57	37.61	0.00	104.05	3.05	3.65	101.00	101.00	32.35
6-Nov-14	39.49	28.58	10.82	26.78	66.19	37.61	0.00	105.67	2.44	3.04	103.23	103.23	32.96
7-Nov-14	39.49	26.81	10.82	26.78	64.41	37.61	0.00	103.90	3.66	4.26	102.91	102.91	34.41
8-Nov-14	39.49	27.31	10.82	26.78	64.91	37.61	0.00	104.40	3.66	4.26	100.74	100.74	31.74

A	B	C	D	E	F	G	H	I	J	K	L	M	N
9-Nov-14	30.98	34.54	10.82	26.78	72.14	37.61	0.00	103.12	1.83	2.74	100.73	100.73	32.70
10-Nov-14	30.98	30.75	10.82	26.78	68.35	37.61	0.00	99.34	2.44	3.35	96.90	96.90	32.65
11-Nov-14	30.98	36.52	10.82	26.78	74.13	37.61	0.00	105.11	2.44	3.35	102.67	102.67	32.65
12-Nov-14	26.52	40.07	10.82	26.78	77.68	37.61	0.62	104.82	9.14	10.05	95.68	95.68	26.56
13-Nov-14	26.52	42.75	10.82	26.78	80.36	37.61	0.62	107.50	10.36	11.27	97.14	97.14	25.35
14-Nov-14	26.52	33.95	10.82	26.78	71.56	37.61	0.62	98.70	2.74	3.65	95.96	95.96	32.97
15-Nov-14	26.52	33.71	10.82	26.78	71.32	37.61	0.93	98.77	3.66	4.42	95.11	95.11	32.51
16-Nov-14	26.52	33.68	10.82	26.78	71.29	37.61	1.24	99.05	3.05	3.65	96.00	96.00	33.58
17-Nov-14	29.09	31.05	14.43	26.78	72.26	41.21	0.62	101.97	4.88	5.79	97.09	97.09	30.83
18-Nov-14	27.18	33.30	18.49	26.78	78.57	45.27	0.62	106.36	3.05	3.96	103.31	103.31	32.66
19-Nov-14	28.64	39.44	13.53	26.78	79.75	40.31	0.80	109.19	1.52	2.58	107.67	107.67	34.22
20-Nov-14	28.19	34.04	12.63	26.78	73.45	39.41	0.62	102.26	2.44	3.20	107.28	107.28	40.88
21-Nov-14	28.19	38.41	12.63	26.78	77.82	39.41	0.62	106.63	1.52	2.28	105.11	105.11	34.34
22-Nov-14	28.19	33.83	12.63	26.78	73.24	39.41	1.24	102.66	2.74	3.65	99.92	99.92	33.58
23-Nov-14	28.19	36.30	14.43	26.78	77.51	41.21	0.62	106.32	2.44	3.20	103.89	103.89	33.42
24-Nov-14	28.19	31.14	12.63	26.78	70.55	39.41	0.62	99.36	1.22	1.98	98.14	98.14	34.64
25-Nov-14	28.19	34.34	12.63	26.78	73.75	39.41	0.62	102.56	1.83	2.59	100.73	100.73	34.03
26-Nov-14	28.19	31.66	12.63	26.78	71.07	39.41	0.62	99.88	2.44	3.20	97.45	97.45	33.42
27-Nov-14	28.19	33.29	12.63	26.78	72.70	39.41	0.62	101.51	1.52	2.28	99.98	99.98	34.34
28-Nov-14	28.19	30.08	12.63	26.78	69.49	39.41	0.62	98.30	1.22	1.98	97.08	97.08	34.64
29-Nov-14	28.19	31.65	12.63	26.78	71.06	39.41	0.62	99.87	1.83	2.59	99.59	99.59	35.58
30-Nov-14	28.19	33.39	12.63	26.78	72.79	39.41	1.24	102.22	1.83	2.74	100.39	100.39	34.50
1-Dec-14	28.19	31.22	13.08	26.78	71.08	39.86	1.24	104.96	2.13	3.04	98.38	98.38	29.75
2-Dec-14	28.19	33.04	12.63	26.78	72.45	39.41	1.24	101.88	2.44	3.35	99.44	99.44	33.89
3-Dec-14	28.19	33.25	12.63	26.78	72.66	39.41	1.24	102.09	2.44	3.35	99.65	99.65	33.89
4-Dec-14	28.19	32.15	12.63	26.78	71.56	39.41	1.24	100.98	1.83	2.74	99.16	99.16	34.50
5-Dec-14	28.19	31.84	12.63	26.78	71.24	39.41	1.24	100.67	3.05	3.96	97.63	97.63	33.28
6-Dec-14	28.19	31.81	12.63	26.78	71.22	39.41	1.24	100.64	3.66	4.57	96.99	96.99	32.67
7-Dec-14	28.19	35.77	12.63	26.78	75.18	39.41	1.24	104.61	3.96	4.87	98.22	98.22	29.94

A	B	C	D	E	F	G	H	I	J	K	L	M	N
8-Dec-14	28.19	25.70	12.63	26.78	65.11	39.41	1.85	99.43	2.44	3.65	97.00	97.00	34.20
9-Dec-14	28.19	29.02	12.63	26.78	68.43	39.41	1.85	107.93	10.67	11.89	97.26	97.26	25.96
10-Dec-14	32.92	36.79	10.82	27.53	75.14	38.35	1.24	118.75	0.91	2.44	117.84	117.84	34.80
11-Dec-14	31.53	38.06	13.08	26.78	77.92	39.86	1.85	121.69	6.10	7.94	115.60	115.60	29.92
12-Dec-14	32.92	40.27	12.63	27.53	80.42	40.15	1.54	123.95	4.57	5.80	119.38	119.38	31.75
13-Dec-14	33.32	41.87	14.43	26.78	83.08	41.21	0.62	126.08	4.88	6.71	121.20	121.20	29.91
14-Dec-14	33.39	37.12	16.23	26.04	79.39	42.27	1.24	124.58	9.14	11.43	115.43	115.43	25.80
15-Dec-14	35.05	38.01	14.43	26.78	79.22	41.21	1.24	124.57	4.57	6.40	119.99	119.99	30.83
16-Dec-14	34.34	43.01	15.33	25.30	83.64	40.63	2.47	128.45	4.88	6.22	123.57	123.57	32.25
17-Dec-14	33.20	45.82	13.53	26.78	86.13	40.31	0.62	127.95	9.14	10.37	118.81	118.81	26.25
18-Dec-14	35.56	41.68	14.43	26.78	82.90	41.21	0.00	130.13	4.88	6.71	125.25	125.25	29.29
19-Dec-14	34.74	41.76	17.13	27.90	86.79	45.03	0.00	130.43	12.19	13.42	118.24	118.24	22.58
20-Dec-14	35.31	38.35	13.53	28.27	80.15	41.80	2.47	128.49	12.19	13.42	116.30	116.30	25.05
21-Dec-14	37.64	43.41	13.98	26.78	84.17	40.76	0.00	129.82	7.62	9.45	122.20	122.20	26.55
22-Dec-14	38.51	23.07	18.04	25.30	66.40	43.33	0.00	112.92	9.14	11.58	103.78	103.78	24.42
23-Dec-14	37.13	35.06	14.43	20.09	69.57	34.52	0.00	114.71	7.62	9.45	107.09	107.09	26.55
24-Dec-14	5.52	41.93	3.02	0.00	44.95	3.02	0.00	51.14	9.14	9.75	42.00	42.00	26.25
25-Dec-14	0.00	20.79	0.00	0.00	20.79	0.00	0.00	20.79	1.52	3.34	19.27	19.27	32.66
26-Dec-14	0.00	14.30	0.00	0.00	14.30	0.00	0.00	14.30	0.61	2.43	13.69	13.69	33.57
27-Dec-14	0.00	20.53	0.00	0.00	20.53	0.00	0.00	20.53	0.61	2.43	19.92	19.92	33.57
28-Dec-14	0.00	30.16	0.00	0.00	30.16	0.00	0.00	30.16	9.14	10.36	21.02	21.02	25.64
29-Dec-14	0.00	30.03	0.00	0.00	30.03	0.00	0.00	30.03	9.14	11.27	20.89	20.89	24.74
30-Dec-14	0.00	20.34	0.00	0.00	20.34	0.00	0.62	20.96	1.22	3.04	19.74	19.74	33.58
31-Dec-14	4.62	15.85	0.00	0.00	15.85	0.00	0.00	20.47	6.10	7.31	14.37	14.37	28.69
5-Jan-15	18.08	14.81	21.48	31.60	67.90	53.09	0.00	86.23	13.72	14.32	72.52	72.52	21.68
6-Jan-15	20.20	24.18	20.58	31.60	76.37	52.18	0.00	96.83	13.11	13.71	83.72	83.72	22.29
7-Jan-15	20.24	28.63	22.08	32.87	83.58	54.95	0.00	102.78	18.90	20.11	83.89	83.89	15.89
8-Jan-15	24.89	17.91	21.51	31.60	71.02	53.11	0.00	94.87	15.24	15.85	79.63	79.63	20.15
9-Jan-15	21.26	23.07	22.01	32.11	77.19	54.12	0.62	99.19	19.81	21.02	79.38	79.38	15.59

A	B	C	D	E	F	G	H	I	J	K	L	M	N
10-Jan-15	20.23	20.53	16.99	32.35	69.87	49.34	0.00	90.12	7.01	7.92	83.11	83.11	28.08
11-Jan-15	18.61	14.27	20.61	32.35	67.23	52.96	0.00	85.99	6.10	7.43	79.89	79.89	28.57
12-Jan-15	28.52	13.15	20.81	32.72	66.67	53.52	0.00	95.24	2.44	3.65	92.81	92.81	32.35
13-Jan-15	35.27	12.89	21.78	32.72	67.39	54.50	0.62	103.35	2.44	3.35	100.92	100.92	33.27
14-Jan-15	34.69	18.73	22.16	31.60	72.49	53.76	0.62	107.77	1.22	2.13	106.55	106.55	34.49
15-Jan-15	37.57	11.59	22.68	32.35	66.62	55.03	0.62	104.88	1.22	2.43	103.66	103.66	34.19
16-Jan-15	28.57	26.14	21.71	31.60	79.45	53.31	0.00	107.97	1.52	1.83	106.45	106.45	34.17
17-Jan-15	28.79	24.17	21.20	33.46	78.82	54.66	0.00	107.64	2.44	3.50	105.21	105.21	32.50
18-Jan-15	28.40	24.10	19.90	31.60	75.60	51.51	0.00	104.00	1.22	1.83	102.78	102.78	34.17
19-Jan-15	28.63	29.18	19.90	31.60	80.69	51.51	0.00	109.09	3.05	3.65	106.04	106.04	32.35
20-Jan-15	28.40	32.52	19.90	31.60	84.03	51.51	0.00	112.43	12.19	12.80	100.24	100.24	23.20
21-Jan-15	28.63	26.55	19.90	31.60	78.06	51.51	0.00	106.46	9.14	10.05	97.31	97.31	25.95
22-Jan-15	28.40	25.36	19.90	31.60	76.86	51.51	0.00	105.26	7.62	9.74	97.64	97.64	26.26
23-Jan-15	28.40	23.54	19.90	31.60	75.04	51.51	0.00	103.45	4.57	6.69	98.87	98.87	29.31
24-Jan-15	28.40	24.61	19.90	31.60	76.11	51.51	0.00	104.51	5.79	7.91	98.72	98.72	28.09
25-Jan-15	33.00	15.29	21.59	33.09	69.96	54.68	0.00	102.96	5.49	7.61	97.47	97.47	28.39
26-Jan-15	33.00	21.24	21.59	33.09	75.92	54.68	0.00	108.92	2.74	4.86	106.17	106.17	31.14
27-Jan-15	31.86	47.48	23.84	33.09	104.41	56.93	0.00	136.77	22.56	24.99	114.22	114.22	11.01
28-Jan-15	29.82	46.09	37.37	33.09	116.54	70.46	0.00	146.87	19.20	22.85	127.66	127.66	13.15
29-Jan-15	29.25	31.47	36.47	33.09	101.03	69.56	1.24	132.02	6.40	9.45	125.61	125.61	27.79
30-Jan-15	29.19	36.21	35.62	27.53	99.36	63.15	1.24	130.28	6.40	9.45	123.88	123.88	27.79
31-Jan-15	29.19	33.40	35.67	33.09	102.16	68.76	1.24	133.08	6.71	9.75	126.38	126.38	27.49
1-Feb-15	29.19	31.19	36.26	33.09	100.54	69.35	1.85	132.08	3.66	6.10	128.42	128.42	31.76
2-Feb-15	29.19	29.56	36.26	33.09	98.91	69.35	1.85	130.45	2.74	5.18	127.71	127.71	32.67
3-Feb-15	29.00	32.17	37.79	34.95	104.91	72.74	0.62	137.45	9.14	12.88	128.30	128.30	23.74
4-Feb-15	29.85	40.93	31.52	33.83	106.29	65.36	0.62	138.02	10.06	14.16	127.96	127.96	22.45
5-Feb-15	29.25	34.24	36.47	33.09	103.79	69.56	1.24	134.78	6.71	9.75	128.08	128.08	27.49
6-Feb-15	26.89	41.75	26.50	33.09	101.34	59.59	1.24	129.97	3.66	6.70	126.31	126.31	30.53
7-Feb-15	29.44	24.92	30.66	27.53	83.11	58.19	1.30	114.09	3.35	6.70	110.74	110.74	30.60

A	B	C	D	E	F	G	H	I	J	K	L	M	N
8-Feb-15	37.34	24.88	35.67	27.53	88.07	63.20	1.24	126.89	2.44	5.48	124.45	124.45	31.75
9-Feb-15	26.83	43.67	28.86	25.30	97.82	54.15	0.62	125.77	3.05	6.70	122.72	122.72	29.92
10-Feb-15	34.17	36.03	30.66	26.78	93.47	57.45	0.62	128.86	6.71	9.14	122.16	122.16	27.47
11-Feb-15	29.37	21.80	30.66	23.06	75.53	53.73	1.85	107.20	6.71	10.36	100.49	100.49	27.50
12-Feb-15	1.94	53.35	14.43	0.00	67.78	14.43	0.62	70.59	1.52	4.27	69.06	69.06	32.35
13-Feb-15	0.25	70.25	0.00	0.00	70.25	0.00	1.54	72.30	4.27	7.61	68.03	68.03	29.93
14-Feb-15	0.36	74.64	0.00	0.00	74.64	0.00	0.62	75.75	6.71	10.66	69.05	69.05	25.96
15-Feb-15	0.20	75.67	0.00	0.00	75.67	0.00	1.85	78.03	6.71	9.45	71.32	71.32	28.41
16-Feb-15	0.00	72.51	0.00	0.00	72.51	0.00	1.24	74.24	6.71	9.75	67.54	67.54	27.49
17-Feb-15	5.94	63.27	0.90	0.00	64.17	0.90	2.47	73.09	3.66	7.91	69.43	69.43	30.56
18-Feb-15	26.57	30.40	30.66	27.53	88.59	58.19	0.62	116.54	13.72	16.15	102.82	102.82	20.46
19-Feb-15	31.79	28.47	28.86	27.53	84.86	56.39	1.24	118.64	11.58	14.63	107.06	107.06	22.61
20-Feb-15	28.93	25.01	35.62	27.53	88.16	63.15	1.24	119.08	15.54	18.59	103.53	103.53	18.65
21-Feb-15	37.01	24.53	35.62	27.53	87.67	63.15	1.24	126.68	18.59	21.64	108.09	108.09	15.60
22-Feb-15	33.58	24.73	35.62	27.53	87.87	63.15	1.24	123.19	14.94	17.98	108.26	108.26	19.26
23-Feb-15	34.48	29.53	36.10	33.09	98.73	69.19	2.47	136.17	20.73	24.38	115.45	115.45	14.09
24-Feb-15	29.59	30.41	36.48	33.09	99.98	69.57	1.24	131.30	6.71	9.75	124.60	124.60	27.49
25-Feb-15	29.73	29.69	36.44	33.09	99.22	69.53	1.24	130.69	6.71	9.75	123.98	123.98	27.49
26-Feb-15	24.26	34.60	36.30	33.09	103.99	69.39	1.24	129.99	2.44	5.48	127.55	127.55	31.75
27-Feb-15	24.26	35.52	36.30	33.09	104.91	69.39	1.24	130.91	2.44	5.48	128.47	128.47	31.75
28-Feb-15	24.26	34.00	36.18	31.09	101.27	67.27	1.24	127.27	2.44	5.48	124.83	124.83	31.75
1-Mar-15	24.26	38.04	35.62	27.53	101.19	63.15	1.24	127.19	2.44	5.48	124.75	124.75	31.75
2-Mar-15	24.26	39.38	35.62	27.53	102.53	63.15	1.24	128.53	2.74	5.79	125.79	125.79	31.45
3-Mar-15	23.37	28.72	35.62	16.37	80.71	51.99	0.00	104.38	24.99	25.61	79.38	79.38	10.39
4-Mar-15	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
5-Mar-15	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
6-Mar-15	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
7-Mar-15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
8-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00

A	B	C	D	E	F	G	H	I	J	K	L	M	N
9-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
10-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
11-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
12-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
13-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
14-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
21-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
22-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
23-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
24-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
25-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
26-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
27-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
28-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
28-Mar-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
1-May-15	31.12	20.61	20.12	24.97	65.70	45.09	7.41	105.22	9.14	10.07	96.07	96.07	33.34
2-May-15	31.47	17.11	21.47	24.97	63.55	46.44	8.65	104.66	2.44	4.68	102.22	102.22	39.97
3-May-15	31.00	11.43	22.47	24.58	58.48	47.05	8.03	98.50	1.34	5.30	97.15	97.15	38.73
4-May-15	33.30	18.21	22.37	24.97	65.56	47.35	8.65	108.49	12.80	15.95	95.69	95.69	28.70
5-May-15	31.89	27.15	20.20	24.18	71.53	44.38	8.65	112.34	15.85	20.72	96.49	96.49	23.93
6-May-15	40.39	15.60	20.12	24.97	60.69	45.09	7.41	108.72	18.90	19.82	89.82	89.82	23.59
7-May-15	31.89	18.97	20.12	24.97	64.06	45.09	9.88	106.05	15.24	19.50	90.81	90.81	26.39
8-May-15	37.70	13.46	20.12	24.97	58.55	45.09	8.65	105.13	18.90	23.76	86.23	86.23	20.89
9-May-15	43.33	6.41	20.12	24.59	51.11	44.71	8.65	103.26	13.72	18.88	89.55	89.55	25.76
10-May-15	43.56	9.01	20.12	24.97	54.10	45.09	9.88	107.76	19.81	23.89	87.95	87.95	22.00
11-May-15	43.20	12.01	20.12	24.97	57.10	45.09	8.65	109.17	15.97	19.62	93.20	93.20	25.03
12-May-15	31.89	14.70	20.12	24.97	59.79	45.09	12.97	104.87	14.63	19.19	90.24	90.24	29.78
13-May-15	50.22	7.60	20.12	24.97	52.69	45.09	14.83	117.96	21.23	27.31	96.73	96.73	23.52
14-May-15	51.17	7.93	20.12	24.97	53.02	45.09	11.74	116.16	19.83	26.52	96.32	96.32	21.22

A	B	C	D	E	F	G	H	I	J	K	L	M	N
15-May-15	56.22	7.16	20.12	24.97	52.25	45.09	14.83	123.52	21.09	27.17	102.43	102.43	23.66
16-May-15	52.07	8.62	20.12	24.97	53.72	45.09	13.59	119.60	7.28	13.97	112.31	112.31	35.62
17-May-15	53.35	7.36	20.12	24.97	52.45	45.09	11.74	117.77	18.69	25.38	99.07	99.07	22.36
18-May-15	53.35	7.29	20.12	24.97	52.38	45.09	11.74	117.69	24.02	31.61	93.67	93.67	16.13
19-May-15	51.56	7.01	20.23	24.53	51.78	44.77	11.74	115.40	23.49	29.57	91.91	91.91	18.17
20-May-15	56.74	4.53	19.67	24.97	49.17	44.64	7.41	113.54	21.21	22.26	92.33	92.33	21.15
21-May-15	56.38	7.57	18.75	29.81	56.12	48.56	7.41	120.14	20.62	27.69	99.53	99.53	15.73
22-May-15	56.38	6.95	18.75	29.81	55.50	48.56	7.41	119.52	15.55	22.62	103.97	103.97	20.79
23-May-15	56.49	6.95	18.78	28.80	54.52	47.58	7.41	118.59	12.35	19.42	106.25	106.25	24.00
24-May-15	61.73	5.91	21.91	29.19	57.01	51.09	13.59	132.33	19.98	24.53	112.35	112.35	25.07
25-May-15	61.56	8.30	21.49	30.51	60.30	52.00	11.12	133.03	10.84	23.21	122.19	122.19	23.91
26-May-15	59.90	8.37	22.93	32.35	63.65	55.28	14.83	138.63	13.17	22.56	125.46	125.46	28.27
27-May-15	57.47	10.31	22.93	32.35	65.59	55.28	17.30	140.56	16.68	23.65	123.88	123.88	29.65
28-May-15	57.42	10.31	22.86	33.46	66.62	56.32	17.30	141.60	20.08	27.05	121.51	121.51	26.25
29-May-15	57.47	11.22	22.93	32.35	66.50	55.28	17.30	141.48	17.07	24.03	124.41	124.41	29.26
30-May-15	57.67	6.51	22.93	32.35	61.79	55.28	6.80	126.26	13.04	15.16	113.22	113.22	27.63
31-May-15	47.83	7.16	22.93	32.35	62.44	55.28	7.54	117.81	10.86	12.97	106.95	106.95	30.56
1-Jun-15	50.47	5.59	8.18	6.66	20.42	14.84	1.42	72.31	8.53	9.93	63.77	63.77	27.49
2-Jun-15	45.81	7.16	16.77	8.56	32.49	25.33	8.03	85.98	2.74	5.37	83.23	83.23	38.67
3-Jun-15	47.28	15.56	7.89	32.35	55.79	40.24	17.24	119.56	5.49	10.00	114.07	114.07	43.24
6-Jun-15	42.67	19.89	15.25	29.93	65.07	45.18	13.28	126.96	5.79	8.21	121.17	121.17	41.08
7-Jun-15	43.41	25.58	16.63	28.07	70.28	44.70	12.73	132.87	8.23	11.65	124.64	124.64	37.08
8-Jun-15	47.07	15.40	14.83	33.46	63.69	48.29	11.43	128.54	5.49	8.59	123.05	123.05	38.84
9-Jun-15	49.36	12.34	16.97	33.31	62.62	50.29	11.24	128.63	4.94	6.35	123.69	123.69	40.89
10-Jun-15	35.22	20.36	17.56	35.69	73.62	53.26	13.34	129.73	6.71	8.53	123.03	123.03	40.82
11-Jun-15	42.50	14.27	17.52	34.20	65.99	51.72	13.90	128.46	6.71	8.75	121.75	121.75	41.15
12-Jun-15	48.70	11.95	19.33	28.05	59.33	47.38	13.59	129.56	3.84	6.61	125.72	125.72	42.98
13-Jun-15	45.18	14.46	19.74	33.81	68.01	53.55	11.92	133.88	6.71	9.31	127.18	127.18	38.62
14-Jun-15	45.34	16.33	19.91	32.16	68.40	52.07	11.61	133.82	3.66	5.78	130.16	130.16	41.83

A	B	C	D	E	F	G	H	I	J	K	L	M	N
15-Jun-15	50.68	13.60	21.28	27.62	62.51	48.91	12.42	133.83	6.71	8.58	127.13	127.13	39.83
17-Jun-15	30.58	46.50	19.44	33.10	99.03	52.54	0.00	136.19	18.29	20.10	117.91	117.91	15.90
18-Jun-15	28.67	28.37	18.34	31.44	78.15	49.78	0.00	113.39	15.24	16.60	98.15	98.15	19.40
19-Jun-15	30.38	23.93	21.90	30.87	76.70	52.77	1.24	115.48	8.23	10.08	107.25	107.25	27.16
20-Jun-15	32.51	12.23	22.81	30.79	65.83	53.60	0.62	107.29	7.62	9.99	99.67	99.67	26.63
21-Jun-15	32.86	34.82	22.74	29.57	87.13	52.31	0.62	129.55	22.56	25.11	127.78	127.78	32.28
22-Jun-15	30.56	34.33	21.19	27.53	83.05	48.72	6.18	128.16	13.11	14.74	115.05	115.05	27.44
23-Jun-15	33.15	22.76	21.64	30.13	74.54	51.78	0.74	117.35	18.29	20.21	99.06	99.06	16.53
24-Jun-15	30.42	44.99	18.94	27.90	91.82	46.84	0.00	126.04	13.72	14.73	112.32	112.32	21.27
25-Jun-15	33.80	34.21	18.94	29.39	82.54	48.33	0.00	122.46	20.12	21.69	102.34	102.34	14.31
26-Jun-15	28.76	37.81	18.34	31.05	87.19	49.39	1.24	118.86	12.80	14.32	106.06	106.06	22.92
27-Jun-15	31.96	36.71	17.10	33.09	86.91	50.20	0.00	120.04	9.14	11.31	110.89	110.89	24.69
28-Jun-15	30.87	23.30	16.14	31.68	71.12	47.82	0.00	103.11	15.24	17.16	87.87	87.87	18.84
29-Jun-15	28.81	36.95	16.98	28.23	82.17	45.21	0.00	117.04	12.19	16.28	104.85	104.85	19.72
30-Jun-15	33.53	25.45	17.51	32.08	75.04	49.59	0.00	113.65	12.19	13.55	101.45	101.45	22.45
1-Aug-15	35.07	27.07	21.99	29.76	78.83	51.75	2.06	118.51	12.19	13.51	106.31	106.31	24.55
4-Aug-15	34.02	24.01	22.71	35.51	82.23	58.22	1.54	124.47	12.19	13.60	112.28	112.28	23.94
5-Aug-15	35.23	26.56	20.89	34.02	81.48	54.91	3.90	126.32	16.76	18.79	109.55	109.55	21.11
6-Aug-15	35.05	26.22	21.81	36.63	84.66	58.44	0.00	125.40	18.16	20.14	107.24	107.24	15.86
7-Aug-15	36.43	38.96	23.19	36.07	98.21	59.25	0.00	140.50	15.24	17.21	125.26	125.26	18.79
8-Aug-15	35.82	24.08	23.29	36.35	83.71	59.63	0.00	125.55	12.19	14.29	113.36	113.36	21.71
9-Aug-15	36.18	13.71	23.35	36.74	73.79	60.08	0.00	114.80	9.14	11.02	105.65	105.65	24.98
10-Aug-15	36.96	16.26	23.21	35.68	75.14	58.88	0.00	118.17	9.14	10.97	109.02	109.02	25.04
11-Aug-15	36.80	16.93	23.64	35.68	76.24	59.31	0.00	119.06	9.86	11.56	109.19	109.19	24.44
12-Aug-15	37.67	27.20	23.17	35.19	85.55	58.36	0.00	125.07	9.14	10.76	115.92	115.92	25.24
13-Aug-15	39.01	39.39	23.25	38.30	100.94	61.54	0.00	142.97	15.85	17.48	127.12	127.12	18.52
14-Aug-15	39.23	25.49	22.92	36.24	84.65	59.16	0.00	126.86	16.76	18.33	110.10	110.10	17.67
15-Aug-15	39.42	23.07	24.80	32.36	80.23	57.16	0.00	124.47	9.14	9.85	115.33	115.33	26.15
16-Aug-15	38.95	22.26	27.51	33.75	83.53	61.27	1.03	128.89	9.81	11.86	119.08	119.08	25.17

A	B	C	D	E	F	G	H	I	J	K	L	M	N
17-Aug-15	37.43	23.32	27.53	35.55	86.41	63.09	1.13	129.76	12.19	14.25	117.57	117.57	22.88
18-Aug-15	39.03	33.77	26.20	35.98	95.95	62.18	0.00	137.30	16.76	19.82	120.54	120.54	16.18
19-Aug-15	39.63	33.20	26.30	36.54	96.04	62.84	1.54	142.59	16.76	18.52	125.83	125.83	19.03
20-Aug-15	38.64	31.28	23.60	37.09	91.97	60.69	2.19	134.21	9.45	10.08	124.76	124.76	28.11
21-Aug-15	43.24	23.51	21.78	34.01	79.30	55.79	6.18	128.05	12.19	13.37	115.86	115.86	28.80
22-Aug-15	38.60	26.08	27.59	34.01	87.69	61.61	0.00	125.62	12.19	13.50	113.43	113.43	22.50
23-Aug-15	39.66	33.06	26.24	28.95	88.25	55.19	3.09	132.56	12.19	13.28	120.37	120.37	25.81
24-Aug-15	39.54	30.66	25.82	33.01	89.49	58.83	0.00	127.69	13.00	14.27	114.69	114.69	21.73
25-Aug-15	39.54	32.92	25.82	33.01	91.75	58.83	0.00	129.95	15.96	17.48	113.99	113.99	18.52
26-Aug-15	38.53	27.22	28.54	34.96	90.71	63.49	1.08	133.98	13.72	15.48	120.26	120.26	21.60
27-Aug-15	38.70	19.81	26.14	36.11	82.05	62.25	4.38	127.74	9.75	10.59	117.99	117.99	29.78
28-Aug-15	42.50	34.72	26.14	35.15	96.00	61.29	1.54	142.82	9.14	10.19	111.53	111.53	5.20
29-Aug-15	36.87	26.10	21.30	36.54	83.93	57.84	0.00	130.33	13.74	16.29	116.59	116.59	19.71
30-Aug-15	36.87	26.10	21.30	36.54	83.93	57.84	0.00	130.33	9.70	12.25	120.64	120.64	23.75
31-Aug-15	40.38	38.30	23.05	35.14	96.49	58.19	0.00	138.41	18.61	21.57	119.79	119.79	14.43
1-Sep-15	39.29	26.59	22.51	36.05	85.16	58.56	0.00	123.58	27.43	28.72	96.15	96.15	7.28
10-Sep-15	38.34	40.37	20.15	28.26	88.79	48.41	8.03	139.61	18.29	19.62	121.32	121.32	24.41
11-Sep-15	38.01	40.25	21.03	29.66	90.94	50.69	3.86	134.39	21.34	22.87	113.05	113.05	16.99
12-Sep-15	38.86	34.11	21.93	33.19	89.23	55.12	0.51	130.23	19.81	21.35	110.41	110.41	15.17
13-Sep-15	38.36	36.94	22.34	35.24	94.51	57.58	0.00	136.54	25.91	28.00	110.63	110.63	8.00
15-Sep-15	37.96	34.08	25.83	39.73	99.65	65.56	0.00	145.76	22.55	24.40	123.21	123.21	11.60
16-Sep-15	37.42	42.59	23.23	34.93	100.74	58.15	3.04	144.29	21.85	24.08	122.43	122.43	14.96
17-Sep-15	38.12	41.56	25.30	30.90	97.77	56.20	3.91	143.99	21.31	22.58	122.68	122.68	17.33
18-Sep-15	39.37	58.24	26.19	28.18	112.61	54.37	0.00	153.19	29.26	30.77	123.93	123.93	5.23
19-Sep-15	42.01	47.78	28.41	26.27	102.45	54.67	0.00	143.40	27.65	28.86	115.74	115.74	7.14
20-Sep-15	42.90	34.00	24.35	0.00	58.35	24.35	0.00	99.87	30.48	30.79	69.39	69.39	5.21
21-Sep-15	37.51	37.64	25.25	32.74	95.63	57.99	0.00	138.00	25.91	29.94	112.10	112.10	6.06
22-Sep-15	38.24	44.23	25.70	31.62	101.56	57.32	0.00	149.63	28.35	31.63	121.28	121.28	4.37
23-Sep-15	37.09	50.42	26.62	12.87	89.91	39.49	0.00	136.35	27.43	29.46	108.92	108.92	6.54

A	B	C	D	E	F	G	H	I	J	K	L	M	N
24-Sep-15	35.53	47.70	26.14	35.85	109.69	61.99	0.00	152.64	25.91	28.08	126.73	126.73	7.92
25-Sep-15	37.20	38.23	27.49	36.74	102.46	64.23	0.00	148.12	24.38	27.47	123.74	123.74	8.54
26-Sep-15	39.53	35.87	27.06	37.54	100.48	64.60	0.00	145.97	20.12	21.68	125.85	125.85	14.32
27-Sep-15	39.10	46.02	23.91	37.60	107.52	61.50	0.00	153.71	20.48	21.43	133.23	133.23	14.57
28-Sep-15	38.97	31.97	26.20	35.15	93.31	61.35	0.00	144.31	16.31	18.51	128.00	128.00	17.49
29-Sep-15	40.09	42.74	25.34	37.65	105.73	62.99	0.00	155.57	20.82	23.90	134.75	134.75	12.10
30-Sep-15	38.42	48.10	24.46	35.91	108.46	60.36	0.00	154.99	18.29	19.80	136.70	136.70	16.20
1-Oct-15	37.51	25.73	27.02	32.82	85.57	59.84	0.00	135.61	15.24	18.36	120.37	120.37	17.64
2-Oct-15	17.31	19.46	3.79	2.75	26.00	6.54	0.00	48.62	12.19	13.40	36.43	36.43	22.60
3-Oct-15	20.01	19.74	18.53	0.00	38.27	18.53	12.36	75.93	12.19	14.78	63.74	63.74	33.58
4-Oct-15	17.91	34.34	22.50	0.00	56.84	22.50	0.00	80.05	10.67	13.20	69.39	69.39	22.80
5-Oct-15	20.06	29.34	22.61	0.93	52.88	23.54	0.00	79.91	6.10	7.12	73.82	73.82	28.88
6-Oct-15	28.89	15.57	25.40	16.26	57.23	41.66	0.00	95.92	13.08	14.51	82.83	82.83	21.49
7-Oct-15	35.54	35.76	29.54	11.89	77.19	41.43	0.00	121.40	18.29	20.58	103.11	103.11	15.42
8-Oct-15	37.61	22.15	29.70	10.59	62.44	40.28	0.00	120.92	18.29	21.70	102.63	102.63	14.30
9-Oct-15	37.61	37.85	29.66	12.45	79.96	42.10	0.00	126.20	18.90	21.43	107.31	107.31	14.57
10-Oct-15	35.85	33.79	29.36	9.28	72.42	38.64	0.00	116.91	18.29	20.36	98.62	98.62	15.64
11-Oct-15	34.75	60.06	28.05	9.28	97.40	37.34	0.00	140.78	18.29	21.38	122.49	122.49	14.63
12-Oct-15	34.91	50.67	26.99	9.28	86.94	36.27	0.00	131.04	18.29	21.02	112.75	112.75	14.98
13-Oct-15	33.27	53.13	26.01	9.28	88.42	35.29	0.00	130.88	18.29	21.25	112.59	112.59	14.75
14-Oct-15	33.87	44.98	26.85	5.11	76.94	31.96	0.00	120.00	19.81	23.22	100.19	100.19	12.78
15-Oct-15	33.16	30.01	25.50	38.49	93.99	63.99	0.00	136.32	18.29	20.62	118.03	118.03	15.38
16-Oct-15	33.11	24.57	26.95	38.49	90.00	65.44	0.00	134.00	18.29	20.62	115.71	115.71	15.38
17-Oct-15	34.01	21.12	26.50	38.49	86.11	64.99	0.00	132.66	18.29	20.62	114.37	114.37	15.38
18-Oct-15	33.13	27.32	25.60	34.77	87.68	60.37	0.00	133.36	18.29	20.62	115.07	115.07	15.38
19-Oct-15	33.73	26.17	27.40	33.93	87.50	61.33	0.00	133.83	18.29	20.92	115.54	115.54	15.08
20-Oct-15	31.95	29.51	25.76	37.65	92.92	63.41	0.00	137.84	21.34	23.01	116.51	116.51	12.99
21-Oct-15	32.81	23.53	28.46	35.51	87.51	63.98	0.00	131.45	19.81	21.48	111.64	111.64	14.52
22-Oct-15	34.00	20.80	25.76	37.93	84.49	63.69	0.00	129.14	21.34	23.01	107.80	107.80	12.99

A	B	C	D	E	F	G	H	I	J	K	L	M	N
23-Oct-15	32.84	29.65	26.60	37.93	94.18	64.53	0.00	138.55	19.05	20.67	119.50	119.50	15.33
24-Oct-15	32.92	18.20	27.05	37.93	83.18	64.98	0.00	126.55	21.34	22.69	105.22	105.22	13.31
25-Oct-15	32.92	20.39	27.95	37.93	86.28	65.88	0.00	129.25	21.34	23.46	107.91	107.91	12.54
26-Oct-15	33.21	14.94	26.66	39.79	81.40	66.45	0.00	126.07	20.73	22.65	105.34	105.34	13.35
27-Oct-15	33.20	18.37	26.21	39.79	84.37	66.00	0.00	129.82	21.95	23.66	107.88	107.88	12.34
28-Oct-15	32.25	17.00	25.75	40.35	83.10	66.10	0.00	121.06	21.95	23.69	99.12	99.12	12.31
29-Oct-15	31.24	17.10	22.67	38.63	78.39	61.29	0.00	108.13	22.10	23.83	86.03	86.03	12.17
30-Oct-15	29.39	18.35	25.60	37.65	81.60	63.25	0.00	112.05	18.29	20.06	93.76	93.76	15.94
31-Oct-15	28.12	26.42	22.84	39.51	88.77	62.35	0.00	127.63	18.29	20.57	109.34	109.34	15.43
1-Nov-15	28.12	15.14	23.35	39.79	78.27	63.13	0.00	118.24	19.05	21.03	99.19	99.19	14.97
2-Nov-15	28.40	25.16	24.93	39.79	89.88	64.72	0.00	130.68	19.05	21.13	111.63	111.63	14.87
3-Nov-15	27.97	23.54	26.60	38.86	89.00	65.46	0.00	131.03	19.05	20.58	111.98	111.98	15.42
4-Nov-15	29.47	36.37	28.35	37.56	102.28	65.91	0.00	130.24	21.34	22.88	108.91	108.91	13.12
6-Nov-15	27.78	29.67	18.94	38.49	87.09	57.42	0.00	127.28	19.05	20.57	108.23	108.23	15.43
7-Nov-15	27.96	32.82	17.13	38.76	88.72	55.90	0.00	129.08	19.05	20.94	110.03	110.03	15.06
8-Nov-15	29.03	32.52	16.68	40.62	89.82	57.31	0.00	132.92	19.05	20.39	113.87	113.87	15.61
9-Nov-15	33.38	24.74	18.94	38.49	82.16	57.42	0.00	127.94	19.05	20.27	108.89	108.89	15.73
10-Nov-15	29.03	28.58	21.19	38.76	88.53	59.95	0.00	132.18	19.05	20.20	113.13	113.13	15.80
11-Nov-15	33.30	23.13	21.19	39.04	83.37	60.23	0.00	129.06	19.05	20.36	110.01	110.01	15.64
12-Nov-15	27.54	25.52	21.19	39.04	85.76	60.23	0.00	125.70	19.05	20.72	106.65	106.65	15.28
13-Nov-15	26.81	26.35	16.68	40.90	83.93	57.58	0.00	124.81	19.05	20.21	105.76	105.76	15.79
14-Nov-15	25.91	31.74	18.03	40.90	90.68	58.94	0.00	127.32	19.05	20.06	108.27	108.27	15.94
15-Nov-15	25.91	32.40	16.77	40.90	90.08	57.68	0.00	128.39	18.90	20.27	109.49	109.49	15.73
16-Nov-15	27.16	33.67	18.03	36.63	88.33	54.66	0.00	129.55	19.05	21.18	110.50	110.50	14.82
17-Nov-15	27.59	35.80	18.03	38.76	92.60	56.80	0.00	134.26	19.05	21.28	115.21	115.21	14.72
18-Nov-15	29.43	28.36	21.19	40.62	90.18	61.81	0.00	133.67	19.05	20.52	114.62	114.62	15.48
19-Nov-15	29.43	19.37	20.19	39.04	78.60	59.23	0.00	117.48	19.05	20.78	98.43	98.43	15.22
20-Nov-15	27.68	27.64	19.74	36.63	84.01	56.36	0.00	110.19	19.05	21.64	91.14	91.14	14.36
21-Nov-15	27.68	26.24	18.89	38.49	83.61	57.38	0.00	109.80	19.05	21.44	90.75	90.75	14.56

A	B	C	D	E	F	G	H	I	J	K	L	M	N
22-Nov-15	27.68	18.41	19.80	39.04	77.25	58.85	0.00	114.34	19.81	24.12	94.52	94.52	11.88
23-Nov-15	27.26	26.76	21.09	37.18	85.03	58.27	0.00	126.36	19.05	23.61	107.31	107.31	12.39
24-Nov-15	27.26	28.54	19.04	37.18	84.76	56.22	0.00	122.75	19.05	23.87	103.70	103.70	12.14
25-Nov-15	26.81	26.75	22.09	37.18	86.03	59.27	0.00	123.57	19.05	23.81	104.52	104.52	12.19
26-Nov-15	27.70	28.68	21.29	35.32	85.29	56.61	0.00	127.62	19.05	22.90	108.57	108.57	13.10
27-Nov-15	28.15	26.55	22.68	35.32	84.56	58.01	0.00	127.89	18.90	22.55	108.99	108.99	13.45
28-Nov-15	28.15	30.78	21.29	35.32	87.40	56.61	0.00	130.73	19.05	22.60	111.68	111.68	13.40
29-Nov-15	28.15	30.44	21.29	35.32	87.05	56.61	0.00	131.50	18.29	21.99	113.21	113.21	14.01
30-Nov-15	28.66	25.16	20.37	35.32	80.85	55.70	0.00	125.80	17.53	21.83	108.28	108.28	14.17
1-Dec-15	29.29	23.27	21.39	35.32	79.98	56.71	0.00	124.45	18.29	22.55	106.17	106.17	13.46
2-Dec-15	29.11	27.32	20.02	35.32	82.66	55.34	0.00	126.94	16.76	20.72	110.18	110.18	15.28
3-Dec-15	29.11	22.05	19.79	42.76	84.60	62.56	0.00	128.89	19.81	23.00	109.08	109.08	13.00
4-Dec-15	29.49	29.36	18.04	33.48	80.88	51.52	0.00	125.55	16.76	19.65	108.79	108.79	16.35
5-Dec-15	30.37	24.88	22.55	37.20	84.62	59.75	0.00	130.17	18.29	20.21	111.88	111.88	15.79
6-Dec-15	30.37	20.74	24.80	35.34	80.88	60.14	0.00	126.43	17.53	20.96	108.91	108.91	15.04
7-Dec-15	31.09	16.79	27.05	33.48	77.33	60.53	0.00	123.60	19.05	22.08	104.55	104.55	13.92
8-Dec-15	31.26	16.01	24.80	37.20	78.01	62.00	0.00	124.46	22.86	25.89	101.60	101.60	10.11
9-Dec-15	25.06	47.13	13.53	23.55	84.21	37.07	0.00	124.45	22.86	26.14	101.59	101.59	9.86
10-Dec-15	1.50	4.85	0.00	0.00	4.85	0.00	14.11	27.29	7.01	7.92	20.28	20.28	42.19
11-Dec-15	1.50	0.97	0.00	0.00	0.97	0.00	14.35	23.66	7.01	7.62	16.65	16.65	42.73
12-Dec-15	1.55	0.97	0.00	0.00	0.97	0.00	11.83	22.11	7.01	7.62	15.10	15.10	40.21
13-Dec-15	1.50	0.97	0.00	0.00	0.97	0.00	12.37	22.65	7.01	7.62	15.64	15.64	40.75
14-Dec-15	1.55	0.65	0.00	0.00	0.65	0.00	5.01	14.64	3.05	3.65	11.59	11.59	37.35
15-Dec-15	1.50	0.65	0.00	0.00	0.65	0.00	5.37	15.01	3.05	3.65	11.96	11.96	37.72
16-Dec-15	1.32	0.65	0.00	0.00	0.65	0.00	10.55	20.19	3.05	3.65	17.14	17.14	42.90
17-Dec-15	1.50	0.65	0.00	0.00	0.65	0.00	7.82	14.67	3.05	4.56	11.62	11.62	39.26
18-Dec-15	1.50	0.97	0.00	0.00	0.97	0.00	1.18	14.24	3.05	4.56	11.19	11.19	32.62
19-Dec-15	1.50	0.97	0.00	0.00	0.97	0.00	0.49	14.66	3.05	4.56	11.61	11.61	31.93
20-Dec-15	2.39	0.65	0.00	0.00	0.65	0.00	4.31	16.51	3.05	3.65	12.56	12.56	35.76

A	B	C	D	E	F	G	H	I	J	K	L	M	N
21-Dec-15	5.74	1.62	0.00	0.00	1.62	0.00	26.07	47.36	3.05	3.96	44.31	44.31	58.11
22-Dec-15	5.74	6.02	4.51	0.00	10.53	4.51	18.56	51.55	9.14	10.05	42.40	42.40	44.51
23-Dec-15	14.47	12.80	5.64	2.79	21.23	8.43	0.00	52.65	9.14	10.66	43.51	43.51	25.34
24-Dec-15	9.60	3.16	5.64	15.62	24.42	21.26	3.09	51.30	9.14	9.90	42.16	42.16	29.19
25-Dec-15	10.07	4.50	6.76	24.18	35.45	30.94	3.09	60.32	8.38	8.99	51.94	51.94	30.10
26-Dec-15	11.86	5.15	4.51	29.76	39.42	34.27	0.00	60.97	9.14	10.66	51.83	51.83	25.34
27-Dec-15	25.01	6.56	9.02	29.76	45.34	38.78	0.00	82.94	18.29	19.80	64.65	64.65	16.20
28-Dec-15	26.80	13.99	18.04	29.76	61.79	47.80	0.00	101.83	19.05	21.78	82.78	82.78	14.22
29-Dec-15	34.26	10.96	18.04	29.76	58.76	47.80	0.00	106.26	18.29	19.80	87.97	87.97	16.20
30-Dec-15	34.71	22.57	18.94	27.90	69.41	46.84	0.00	111.91	21.34	22.85	90.57	90.57	13.15
31-Dec-15	36.03	15.82	13.53	29.76	59.11	43.29	0.00	98.37	22.86	23.47	75.51	75.51	12.53
1-Jan-16	34.69	11.52	19.16	26.04	56.73	45.20	0.00	97.13	21.34	24.37	75.79	75.79	11.63
2-Jan-16	37.27	12.75	17.59	30.69	61.02	48.28	0.00	107.99	22.86	24.38	85.13	85.13	11.63
3-Jan-16	38.70	15.54	20.29	31.62	67.45	51.91	0.00	125.37	21.34	23.76	104.04	104.04	12.24
4-Jan-16	39.15	20.91	20.29	27.90	69.10	48.19	0.00	122.37	24.38	27.11	97.99	97.99	8.89
5-Jan-16	38.72	14.89	17.59	29.76	62.24	47.35	0.00	104.92	18.29	19.20	86.63	86.63	16.80
6-Jan-16	44.44	7.88	18.04	32.55	58.47	50.59	0.00	105.51	28.19	29.71	77.32	77.32	6.29
7-Jan-16	44.93	11.12	19.16	29.76	60.05	48.92	0.00	110.23	28.96	32.74	81.27	81.27	3.26
8-Jan-16	37.68	22.74	12.63	19.34	54.71	31.97	0.00	96.10	19.81	21.02	76.29	76.29	14.98
9-Jan-16	40.44	24.41	11.27	19.34	55.02	30.62	0.00	100.05	27.43	28.34	72.62	72.62	7.66
10-Jan-16	40.79	27.97	11.27	26.04	65.28	37.31	0.00	110.66	28.96	30.47	81.71	81.71	5.53
11-Jan-16	40.57	33.16	12.40	30.50	76.06	42.90	0.00	124.54	27.43	28.64	97.11	97.11	7.36
12-Jan-16	40.46	18.80	11.27	29.76	59.84	41.03	0.00	115.02	19.05	19.50	95.97	95.97	16.50
13-Jan-16	40.59	37.81	18.94	29.76	86.51	48.70	0.00	143.02	22.86	23.16	120.16	120.16	12.84
14-Jan-16	40.49	22.11	18.94	29.76	70.81	48.70	0.00	128.73	25.91	26.91	102.82	102.82	9.09
15-Jan-16	41.99	18.73	18.94	30.50	68.17	49.44	0.00	126.37	27.43	28.39	98.94	98.94	7.61
16-Jan-16	40.44	21.99	20.29	30.50	72.78	50.79	0.00	129.59	27.43	28.39	102.16	102.16	7.61
17-Jan-16	42.91	18.74	18.04	29.76	66.53	47.80	0.00	125.90	25.91	27.47	100.00	100.00	8.53
18-Jan-16	42.68	16.18	18.04	29.76	63.98	47.80	0.00	123.35	25.91	27.47	97.44	97.44	8.53

A	B	C	D	E	F	G	H	I	J	K	L	M	N
19-Jan-16	43.82	11.80	21.64	30.50	63.95	52.15	0.00	123.38	27.43	29.35	95.95	95.95	6.65
20-Jan-16	45.93	15.96	21.64	30.50	68.11	52.15	0.00	131.00	27.43	30.61	103.57	103.57	5.39
21-Jan-16	45.57	13.15	21.64	30.50	65.29	52.15	0.00	129.02	27.43	30.00	101.58	101.58	6.00
22-Jan-16	45.06	13.20	21.64	30.88	65.72	52.52	0.00	128.34	27.43	30.61	100.91	100.91	5.39
23-Jan-16	46.40	11.97	22.55	31.62	66.13	54.17	0.00	129.95	25.91	28.94	104.04	104.04	7.06
24-Jan-16	43.14	9.91	23.45	31.62	64.97	55.07	0.00	126.97	25.91	28.33	101.06	101.06	7.67
25-Jan-16	44.57	16.86	18.94	31.62	67.42	50.56	0.00	129.05	25.91	28.33	103.14	103.14	7.67
26-Jan-16	46.26	16.87	19.39	30.50	66.76	49.89	0.00	130.64	27.43	30.46	103.21	103.21	5.54
27-Jan-16	44.66	14.67	19.16	32.74	66.57	51.90	0.00	133.94	27.43	30.16	106.51	106.51	5.84
28-Jan-16	46.59	15.47	20.29	31.99	67.75	52.28	0.00	132.96	28.19	29.41	104.77	104.77	6.59
29-Jan-16	48.38	12.14	20.29	32.36	64.79	52.65	0.00	132.33	29.46	30.37	102.86	102.86	5.63
30-Jan-16	45.40	13.91	20.74	33.48	68.13	54.22	0.00	134.10	28.96	30.47	105.14	105.14	5.53
31-Jan-16	40.52	15.08	18.49	32.55	66.11	51.04	0.00	128.58	28.96	30.02	99.62	99.62	5.98
1-Feb-16	42.79	15.27	16.68	33.48	65.43	50.16	0.00	129.53	28.35	29.86	101.18	101.18	6.14
2-Feb-16	41.92	17.33	17.13	33.48	67.94	50.61	0.00	130.31	29.57	30.78	100.75	100.75	5.22
3-Feb-16	42.35	14.42	17.59	33.48	65.48	51.07	0.00	129.88	28.65	30.44	101.23	101.23	5.56
4-Feb-16	42.54	14.05	18.04	33.48	65.57	51.52	0.00	130.02	26.67	29.43	103.35	103.35	6.57
5-Feb-16	43.03	16.29	19.00	35.61	70.90	54.61	0.00	133.58	26.67	29.45	104.04	104.04	3.68
6-Feb-16	43.89	11.87	19.64	39.04	70.55	58.68	0.00	133.99	26.67	29.48	107.32	107.32	6.52
7-Feb-16	41.19	12.74	20.09	38.35	71.17	58.44	0.00	133.92	26.67	28.57	107.25	107.25	7.43
8-Feb-16	42.18	12.04	18.94	37.18	68.16	56.12	0.00	129.62	27.43	30.24	102.19	102.19	5.76
9-Feb-16	43.20	12.07	19.04	37.26	68.36	56.29	0.00	131.79	25.91	28.41	105.88	105.88	7.59
10-Feb-16	45.45	11.90	20.36	37.97	70.24	58.34	0.00	135.80	27.43	29.48	108.36	108.36	6.52
11-Feb-16	55.65	31.21	20.59	5.01	56.80	25.59	0.00	131.45	27.43	29.19	104.01	104.01	6.81
12-Feb-16	46.59	21.98	20.24	23.44	65.66	43.68	0.00	131.20	27.43	29.24	103.77	103.77	6.76
13-Feb-16	43.02	11.44	20.46	38.21	70.11	58.67	0.00	131.89	27.43	29.27	104.45	104.45	6.73
14-Feb-16	43.71	14.61	20.53	37.14	72.28	57.67	0.00	135.47	27.43	30.62	108.04	108.04	5.38
15-Feb-16	42.43	13.35	19.29	37.28	69.91	56.56	0.00	132.65	27.43	30.18	105.22	105.22	5.82
16-Feb-16	39.53	10.11	19.04	35.23	64.37	54.27	0.00	120.35	19.81	20.72	98.21	98.21	12.95

A	B	C	D	E	F	G	H	I	J	K	L	M	N
17-Feb-16	38.05	9.58	19.04	36.01	64.63	55.05	0.00	114.94	24.38	25.37	90.55	90.55	10.63
18-Feb-16	38.20	8.42	15.78	33.85	58.06	49.63	0.00	108.00	22.86	23.90	85.14	85.14	12.10
19-Feb-16	42.10	10.53	18.37	33.29	62.19	51.66	0.00	116.15	22.86	24.00	91.19	91.19	9.90
20-Feb-16	39.59	7.64	18.84	37.93	64.41	56.77	0.00	112.39	22.86	24.00	89.53	89.53	12.00
21-Feb-16	41.73	8.15	18.88	34.30	61.32	53.18	0.00	113.77	23.62	25.07	90.14	90.14	10.93
22-Feb-16	40.45	8.09	21.29	36.67	66.06	57.97	0.00	116.66	23.62	24.46	93.04	93.04	11.54
23-Feb-16	42.57	7.82	20.04	36.51	64.38	56.55	0.00	117.10	25.15	26.24	91.95	91.95	9.76
24-Feb-16	40.55	10.55	19.04	35.64	65.23	54.68	0.00	118.84	25.91	26.55	92.93	92.93	9.45
25-Feb-16	38.49	8.90	19.94	34.21	63.05	54.15	0.00	113.30	24.38	24.98	88.92	88.92	11.03
26-Feb-16	41.33	9.44	19.94	37.84	67.21	57.77	0.00	120.19	28.19	29.03	91.99	91.99	6.97
27-Feb-16	45.13	10.47	22.19	34.77	67.43	56.96	0.00	123.36	28.96	29.89	94.40	94.40	6.11
1-Mar-16	40.88	8.45	19.08	38.23	65.75	57.30	0.00	120.68	25.91	26.85	94.78	94.78	9.15
2-Mar-16	39.89	10.23	19.90	36.35	66.48	56.25	0.00	117.03	25.91	27.25	91.12	91.12	8.75
3-Mar-16	40.58	8.80	19.53	37.50	65.83	57.03	0.00	116.40	27.43	28.93	88.97	88.97	7.07
4-Mar-16	35.32	11.58	19.94	37.18	68.70	57.12	0.00	116.04	27.43	29.19	88.61	88.61	6.81
5-Mar-16	34.52	11.48	23.55	42.76	77.79	66.31	0.00	121.35	27.43	32.52	93.92	93.92	3.48
6-Mar-16	32.84	8.07	22.68	40.62	71.37	63.31	0.00	115.59	27.43	30.89	88.16	88.16	5.11
7-Mar-16	40.44	7.77	20.16	36.21	64.14	56.37	0.00	115.46	27.43	30.80	88.03	88.03	5.20
8-Mar-16	44.57	8.43	20.02	38.76	67.22	58.78	0.00	121.85	27.43	31.05	94.41	94.41	4.95
9-Mar-16	46.65	6.18	19.99	38.76	64.93	58.75	0.00	121.94	27.43	29.63	94.51	94.51	6.37
10-Mar-16	45.73	8.63	19.14	38.49	66.26	57.62	0.00	121.99	28.19	30.65	93.79	93.79	5.35
11-Mar-16	46.42	8.22	19.12	38.49	65.82	57.60	0.00	122.45	28.19	31.35	94.25	94.25	4.65
12-Mar-16	48.66	8.80	19.00	38.49	66.28	57.48	0.00	125.38	28.19	29.84	97.18	97.18	6.16
13-Mar-16	49.91	8.39	19.14	39.74	67.27	58.88	0.00	127.14	27.43	29.08	99.71	99.71	6.92
14-Mar-16	49.02	8.86	19.14	41.00	69.00	60.13	0.00	128.13	27.43	29.68	100.70	100.70	6.32
15-Mar-16	48.20	9.50	20.54	34.54	64.58	55.08	0.00	124.26	27.43	29.89	96.83	96.83	6.11
16-Mar-16	45.61	7.41	22.09	40.62	70.13	62.71	0.00	126.81	28.96	31.37	97.85	97.85	4.63
17-Mar-16	45.96	8.32	20.74	40.62	69.68	61.36	0.00	126.57	28.96	31.09	97.61	97.61	4.91
18-Mar-16	45.18	9.14	24.35	38.63	72.11	62.97	0.00	126.87	28.96	31.32	97.92	97.92	4.68

A	B	C	D	E	F	G	H	I	J	K	L	M	N
19-Mar-16	44.29	7.63	23.34	41.69	72.67	65.04	0.00	125.66	27.43	30.25	98.23	98.23	5.75
20-Mar-16	42.95	9.43	21.54	40.20	71.17	61.74	0.00	123.69	26.67	30.04	97.02	97.02	5.96
21-Mar-16	41.52	8.25	19.74	39.69	67.68	59.43	0.00	117.90	22.86	25.83	95.04	95.04	10.17
22-Mar-16	42.48	7.92	21.79	40.62	70.33	62.41	0.00	122.94	22.86	24.36	100.08	100.08	11.64
23-Mar-16	43.58	8.44	20.94	39.85	69.23	60.79	0.00	121.51	23.62	25.63	97.89	97.89	10.37
24-Mar-16	44.80	8.73	19.89	40.20	68.81	60.08	0.00	121.52	24.38	27.40	97.14	97.14	8.60
25-Mar-16	43.72	8.93	20.09	40.62	69.65	60.71	0.00	122.71	24.38	27.35	98.33	98.33	8.65
26-Mar-16	42.26	8.30	20.52	40.62	69.45	61.14	0.00	121.05	24.38	26.79	96.66	96.66	9.21
27-Mar-16	43.85	9.56	20.42	40.62	70.61	61.04	0.00	123.04	27.43	28.28	95.61	95.61	7.72
28-Mar-16	43.02	7.52	19.54	39.40	66.45	58.93	0.00	117.36	25.91	28.43	91.46	91.46	7.57
29-Mar-16	43.85	9.22	20.54	42.76	72.52	63.30	0.00	126.53	27.43	29.39	99.10	99.10	6.61
30-Mar-16	44.24	8.14	19.64	41.91	69.68	61.54	0.00	124.40	25.91	27.57	98.49	98.49	8.43
31-Mar-16	43.34	10.98	19.74	42.76	73.48	62.50	0.00	124.93	30.48	32.69	94.45	94.45	3.31
1-Apr-16	44.30	8.74	19.34	42.76	70.84	62.10	0.00	122.99	27.43	29.76	95.56	95.56	6.24
2-Apr-16	43.08	8.90	21.02	38.43	68.35	59.45	0.00	121.70	27.43	35.21	94.27	94.27	0.79
3-Apr-16	44.26	9.19	23.85	38.49	71.52	62.33	0.00	127.24	27.43	32.57	99.81	99.81	3.43
4-Apr-16	45.44	10.14	23.59	38.49	72.22	62.08	0.00	128.65	28.96	32.50	99.69	99.69	3.50
5-Apr-16	45.38	9.37	20.89	40.62	70.88	61.51	0.00	125.40	28.96	34.09	96.49	96.49	1.95
6-Apr-16	43.80	9.52	19.90	33.10	62.51	53.00	0.00	118.17	28.96	32.27	89.22	89.22	3.73
8-Apr-16	0.76	1.47	0.00	0.00	1.47	0.00	20.42	30.97	16.15	17.96	14.82	14.82	38.47
9-Apr-16	0.76	2.54	0.00	0.00	2.54	0.00	20.71	31.83	16.15	17.65	15.68	15.68	39.05
10-Apr-16	0.76	3.29	0.00	0.00	3.29	0.00	17.90	29.71	16.15	18.01	13.56	13.56	35.90
11-Apr-16	0.76	3.45	0.00	0.00	3.45	0.00	19.12	31.09	16.15	18.47	14.94	14.94	36.66
12-Apr-16	0.76	3.87	0.00	0.00	3.87	0.00	17.72	31.08	16.15	17.56	14.93	14.93	36.16
13-Apr-16	0.76	4.90	0.00	0.00	4.90	0.00	16.37	31.47	16.15	17.61	15.32	15.32	34.76
14-Apr-16	0.76	8.58	0.00	0.00	8.58	0.00	8.37	30.55	16.15	17.21	14.39	14.39	27.16
15-Apr-16	0.86	3.63	0.00	0.00	3.63	0.00	26.85	39.09	16.15	19.83	22.93	22.93	43.01
16-Apr-16	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
17-Apr-16	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00

A	B	C	D	E	F	G	H	I	J	K	L	M	N
18-Apr-16	0.76	3.94	0.00	0.00	3.94	0.00	27.47	33.35	15.24	16.15	18.11	18.11	47.32
19-Apr-16	9.13	4.86	3.20	0.00	8.06	3.20	7.65	31.99	6.10	7.34	25.90	25.90	36.31
20-Apr-16	12.50	24.01	11.27	0.00	35.29	11.27	0.00	56.89	3.05	4.76	53.84	53.84	31.25
21-Apr-16	10.80	21.71	11.27	3.50	36.48	14.77	0.00	57.77	4.57	6.33	53.20	53.20	29.67
22-Apr-16	12.98	7.13	12.40	14.51	34.04	26.91	0.00	54.29	4.57	7.24	49.72	49.72	28.76
23-Apr-16	13.75	8.86	11.27	24.18	44.32	35.45	0.00	68.03	4.57	7.19	57.45	57.45	22.81
24-Apr-16	13.57	17.01	13.53	22.32	52.86	35.85	0.00	75.60	4.57	6.07	71.03	71.03	29.93
25-Apr-16	14.26	9.07	13.53	23.06	45.66	36.59	0.00	69.83	4.57	5.37	65.25	65.25	30.63
26-Apr-16	13.77	13.53	12.63	23.06	49.22	35.69	0.00	71.94	4.57	5.72	67.36	67.36	30.28
27-Apr-16	27.26	8.93	18.98	26.78	54.70	45.77	0.00	91.60	15.24	17.97	76.36	76.36	18.03
28-Apr-16	25.63	6.93	25.24	34.58	66.75	59.82	0.00	101.11	15.24	16.49	85.87	85.87	19.52
29-Apr-16	28.01	5.22	21.48	37.65	64.35	59.13	0.00	100.86	15.24	17.80	85.62	85.62	18.20
30-Apr-16	31.38	7.92	17.63	36.27	61.82	53.91	0.00	102.57	15.24	16.49	87.33	87.33	19.52
1-May-16	30.40	7.78	16.34	37.55	61.68	53.90	0.00	101.98	15.24	17.09	86.74	86.74	18.91
2-May-16	30.40	5.58	17.77	39.41	62.76	57.19	0.00	103.07	15.24	17.09	87.83	87.83	18.91
3-May-16	32.10	5.72	19.09	38.39	63.20	57.48	0.00	105.21	15.24	17.44	89.97	89.97	18.56
4-May-16	30.58	8.83	20.15	35.97	64.95	56.12	0.00	104.42	15.24	17.19	89.18	89.18	18.81
5-May-16	32.19	6.96	22.79	37.74	67.50	60.54	0.00	108.80	18.29	20.59	90.51	90.51	15.41
6-May-16	34.12	13.30	20.15	37.37	70.82	57.52	0.00	113.23	22.86	24.52	90.37	90.37	11.48
7-May-16	34.32	11.20	18.84	37.74	67.78	56.58	0.00	110.04	18.29	20.35	91.75	91.75	15.65
8-May-16	33.28	7.83	19.78	38.67	66.28	58.45	0.00	107.57	18.29	20.00	89.28	89.28	16.01
9-May-16	32.98	6.45	20.48	37.55	64.48	58.03	0.00	106.54	18.29	19.95	93.96	93.96	21.77
10-May-16	32.42	16.11	21.11	33.46	70.69	54.57	0.00	111.93	21.34	23.00	90.59	90.59	13.01
11-May-16	32.31	11.71	22.44	33.46	67.62	55.91	0.00	109.28	18.29	19.95	90.99	90.99	16.05
12-May-16	31.87	12.20	21.07	33.46	66.73	54.53	0.00	108.92	18.29	19.95	90.64	90.64	16.05
13-May-16	32.64	17.44	19.84	35.32	72.60	55.16	0.00	115.56	21.34	23.00	94.22	94.22	13.01
14-May-16	33.89	15.01	19.78	37.18	71.97	56.96	0.00	115.21	21.34	23.00	93.87	93.87	13.01
15-May-16	35.46	12.39	18.90	37.55	68.84	56.45	0.00	114.20	21.34	23.00	92.87	92.87	13.01
16-May-16	32.99	7.50	22.44	36.90	66.85	59.35	0.00	109.19	15.24	17.51	93.95	93.95	18.50

A	B	C	D	E	F	G	H	I	J	K	L	M	N
17-May-16	31.69	9.52	23.35	34.88	67.74	58.22	0.00	110.77	18.29	19.64	92.48	92.48	16.36
18-May-16	33.27	6.87	25.40	34.71	66.98	60.11	0.00	109.05	15.24	16.60	93.81	93.81	19.40
19-May-16	28.69	10.88	24.68	35.32	70.88	60.00	0.00	108.37	15.24	16.29	93.13	93.13	19.71
20-May-16	31.28	6.85	22.85	34.02	63.72	56.88	0.00	104.91	15.24	16.39	89.67	89.67	19.61
21-May-16	31.48	6.32	21.09	32.72	60.13	53.81	0.00	101.75	15.24	16.29	86.51	86.51	19.71
22-May-16	29.51	7.54	24.74	31.79	64.07	56.53	0.00	102.85	15.24	16.34	87.61	87.61	19.66
23-May-16	28.77	5.91	18.82	32.46	57.18	51.28	0.00	93.55	15.24	16.25	78.31	78.31	19.76
24-May-16	20.87	5.84	11.21	29.93	46.99	41.14	0.00	76.65	7.62	8.32	69.03	69.03	27.68
25-May-16	21.19	6.97	13.48	33.84	54.28	47.31	0.00	85.37	11.89	12.69	73.49	73.49	23.31
26-May-16	23.69	6.47	12.03	29.99	48.50	42.02	0.00	81.54	7.62	8.67	73.92	73.92	27.33
27-May-16	23.85	6.93	11.17	28.91	47.01	40.08	0.00	80.21	9.14	10.25	71.06	71.06	25.76
28-May-16	25.97	7.17	10.17	26.66	43.99	36.83	0.00	80.05	9.14	10.55	70.91	70.91	25.45
29-May-16	25.80	7.21	10.97	30.49	48.67	41.46	0.00	82.57	9.14	10.74	73.42	73.42	25.26
30-May-16	26.88	5.57	19.21	30.04	54.82	49.25	0.00	88.20	9.14	11.32	79.06	79.06	24.68
31-May-16	36.79	7.01	20.03	31.68	58.72	51.71	0.00	102.39	10.06	11.11	92.33	92.33	24.89
1-Jun-16	33.23	6.76	23.31	32.24	62.30	55.54	0.00	103.83	10.06	12.01	93.77	93.77	23.99
2-Jun-16	32.07	10.60	20.29	37.18	68.07	57.47	0.00	109.13	15.24	16.84	93.89	93.89	19.16
3-Jun-16	36.65	17.53	22.99	37.18	77.71	60.18	0.00	122.71	15.24	15.99	94.56	94.56	7.10
4-Jun-16	34.35	7.34	23.35	36.07	66.76	59.41	0.00	110.06	15.24	16.12	94.82	94.82	19.88
5-Jun-16	36.54	7.26	22.93	33.84	64.03	56.77	0.00	108.73	15.24	16.04	93.49	93.49	19.96
6-Jun-16	41.43	8.08	20.43	36.81	65.32	57.24	0.00	114.45	17.37	18.63	97.08	97.08	17.37
7-Jun-16	41.34	10.80	19.97	31.99	62.76	51.96	0.00	112.64	18.29	20.46	94.35	94.35	15.54
8-Jun-16	41.59	6.85	23.25	34.21	64.31	57.46	0.00	114.00	19.81	21.68	94.18	94.18	14.32
9-Jun-16	38.46	8.12	22.45	34.02	64.60	56.48	0.00	109.77	13.72	15.66	96.05	96.05	20.34
10-Jun-16	40.23	7.45	20.16	33.65	61.26	53.82	0.00	110.58	15.24	16.85	95.34	95.34	19.15
11-Jun-16	38.61	6.71	22.74	34.21	63.67	56.95	0.00	116.05	18.29	20.15	97.76	97.76	15.85
12-Jun-16	38.44	8.17	23.19	33.93	65.29	57.12	0.00	115.76	19.81	21.62	95.95	95.95	14.38
13-Jun-16	39.44	8.18	24.09	33.84	66.10	57.92	0.00	116.39	19.81	21.11	96.57	96.57	14.90
14-Jun-16	39.58	12.55	22.73	31.98	67.26	54.71	0.00	114.81	19.81	21.81	95.00	95.00	14.19

A	B	C	D	E	F	G	H	I	J	K	L	M	N
15-Jun-16	38.91	10.22	22.73	31.98	64.93	54.71	0.00	111.67	16.46	19.06	95.21	95.21	16.94
16-Jun-16	39.61	8.48	22.73	33.56	64.77	56.29	0.00	111.24	18.29	21.28	92.96	92.96	14.72
17-Jun-16	40.00	10.30	24.54	33.56	68.39	58.09	0.00	115.02	20.42	24.54	94.60	94.60	11.46
18-Jun-16	39.62	8.14	25.64	33.37	67.16	59.02	0.00	114.13	19.81	22.61	94.32	94.32	13.39
19-Jun-16	38.34	8.23	26.34	34.12	68.68	60.46	0.00	114.86	21.34	24.09	93.53	93.53	11.91
20-Jun-16	41.16	10.49	24.46	33.00	67.95	57.46	0.00	116.47	21.34	24.07	95.13	95.13	11.93
21-Jun-16	42.14	16.04	26.27	33.65	75.96	59.92	0.00	126.58	21.34	23.02	105.24	105.24	12.98
22-Jun-16	41.91	23.90	25.94	13.66	63.50	39.60	0.00	115.81	21.34	23.63	94.47	94.47	12.37
23-Jun-16	39.96	10.47	27.05	29.76	67.29	56.81	0.00	116.20	24.38	26.78	91.82	91.82	9.22
24-Jun-16	41.13	9.62	27.50	32.36	69.49	59.87	0.00	119.14	28.60	30.74	90.54	90.54	5.26
25-Jun-16	41.89	9.48	26.60	30.13	66.22	56.74	0.00	116.35	28.80	30.94	87.55	87.55	5.06
26-Jun-16	43.62	7.84	28.72	34.72	71.28	63.44	0.00	122.15	26.90	28.93	95.25	95.25	7.07
27-Jun-16	42.09	7.29	21.98	33.78	63.05	55.76	0.00	108.06	20.70	23.06	87.36	87.36	12.94
28-Jun-16	42.03	9.33	25.71	30.13	65.18	55.84	0.00	108.87	20.70	22.12	88.17	88.17	13.88
29-Jun-16	40.39	9.27	27.43	34.49	71.19	61.92	0.00	114.50	20.70	22.42	93.80	93.80	13.58
30-Jun-16	39.23	9.45	27.18	34.58	71.21	61.76	0.00	115.72	17.50	18.99	98.22	98.22	17.02
1-Jul-16	39.79	8.47	23.35	34.32	66.14	57.67	0.00	112.24	14.90	16.78	97.34	97.34	19.22
2-Jul-16	39.49	9.96	25.05	34.03	69.03	59.08	0.00	113.41	15.80	17.73	97.61	97.61	18.27
3-Jul-16	43.56	9.70	25.70	31.62	67.02	57.32	0.00	113.63	17.30	19.79	96.33	96.33	16.21
4-Jul-16	43.23	8.98	23.96	34.75	67.70	58.71	0.00	115.34	18.30	20.15	97.04	97.04	15.85
5-Jul-16	42.31	7.34	22.67	33.28	63.29	55.96	0.00	110.86	14.80	16.74	96.06	96.06	19.26
6-Jul-16	45.39	7.92	22.09	34.68	64.69	56.76	0.00	115.88	17.40	19.00	98.48	98.48	17.00
7-Jul-16	45.19	8.39	22.66	36.63	67.68	59.29	0.00	114.62	17.10	19.23	97.52	97.52	16.77
8-Jul-16	45.46	6.57	23.31	33.65	63.53	56.96	0.00	113.63	16.10	17.89	97.53	97.53	18.11
9-Jul-16	37.22	10.60	24.62	34.95	70.18	59.58	0.00	113.83	17.10	18.84	96.73	96.73	17.16
10-Jul-16	37.22	9.32	24.85	35.79	69.96	60.64	0.00	114.71	18.50	21.00	96.21	96.21	15.00
11-Jul-16	38.34	9.91	24.82	36.63	71.36	61.45	0.00	114.15	16.00	18.00	98.15	98.15	18.01
12-Jul-16	38.11	9.02	27.47	35.98	72.46	63.45	0.00	116.41	19.70	21.97	96.71	96.71	14.03
13-Jul-16	38.42	11.33	28.66	37.37	77.36	66.03	0.00	122.42	19.70	22.56	102.72	102.72	13.44

A	B	C	D	E	F	G	H	I	J	K	L	M	N
14-Jul-16	40.06	18.13	29.19	32.59	79.91	61.78	0.00	123.82	21.90	25.55	101.92	101.92	10.45
15-Jul-16	48.88	24.39	35.11	5.56	65.06	40.67	0.00	117.46	23.80	26.15	93.66	93.66	9.85
16-Jul-16	47.29	23.04	35.66	10.03	68.73	45.69	0.00	120.07	29.80	31.54	90.27	90.27	4.46
17-Jul-16	40.33	16.82	25.25	35.69	77.77	60.94	0.00	121.69	26.80	28.59	94.89	94.89	7.41
18-Jul-16	42.12	9.63	23.12	35.14	67.89	58.26	0.00	115.08	21.60	24.24	93.48	93.48	11.76
19-Jul-16	42.50	10.73	23.90	35.10	69.73	59.00	0.00	117.06	19.30	22.22	97.76	97.76	13.78
20-Jul-16	39.98	11.42	23.74	38.67	73.83	62.41	0.00	116.99	19.30	21.50	97.69	97.69	14.50
21-Jul-16	39.21	16.46	23.66	38.40	78.51	62.05	0.00	121.97	19.70	22.25	102.27	102.27	13.75
22-Jul-16	39.90	10.10	24.01	37.97	72.07	61.98	0.00	115.63	22.40	24.60	93.23	93.23	11.40
23-Jul-16	41.37	9.79	26.92	38.21	74.91	65.13	0.00	119.14	21.40	24.21	97.74	97.74	11.79
24-Jul-16	42.41	9.41	25.07	37.94	72.42	63.01	0.00	117.17	17.80	20.79	99.37	99.37	15.21
25-Jul-16	43.52	10.45	21.75	37.93	70.13	59.68	0.00	118.18	17.70	20.60	100.48	100.48	15.40
26-Jul-16	44.50	8.35	22.37	34.96	65.67	57.33	0.00	114.34	17.00	19.48	97.34	97.34	16.52
27-Jul-16	31.32	22.26	14.82	23.18	60.26	38.00	0.00	95.47	17.80	20.48	77.67	77.67	15.52
28-Jul-16	20.65	5.14	12.17	12.65	29.96	24.82	0.00	51.19	11.80	12.71	39.39	39.39	23.29
29-Jul-16	29.15	6.08	11.27	18.04	35.39	29.31	0.00	64.96	14.30	14.91	50.66	50.66	21.09
30-Jul-16	31.29	6.06	18.09	22.61	46.75	40.69	0.00	78.81	13.50	14.41	65.31	65.31	21.59
31-Jul-16	34.89	9.62	21.93	30.68	62.24	52.61	0.00	100.46	29.70	31.22	70.76	70.76	4.79
2-Aug-16	4.57	3.35	0.00	0.00	3.35	0.00	5.50	19.24	0.40	1.29	18.84	18.84	40.20
3-Aug-16	2.11	1.62	0.00	0.00	1.62	0.00	8.47	19.44	0.00	0.94	19.44	19.44	43.53
4-Aug-16	22.88	3.10	7.67	5.58	16.35	13.25	0.00	46.11	4.50	5.44	41.61	41.61	30.56
5-Aug-16	15.16	3.76	13.98	13.02	30.76	27.00	0.00	52.08	4.20	5.02	47.88	47.88	30.98
6-Aug-16	15.02	4.90	13.53	18.60	37.03	32.13	0.00	58.03	3.60	5.16	54.43	54.43	30.84
7-Aug-16	13.79	4.68	11.70	25.93	42.31	37.63	0.00	62.78	2.40	2.75	56.01	56.01	28.88
8-Aug-16	15.09	6.37	16.45	26.40	49.22	42.85	0.00	71.22	4.10	5.71	67.12	67.12	30.29
9-Aug-16	32.18	5.98	16.56	30.50	53.03	47.06	0.00	94.02	12.20	13.56	81.82	81.82	22.44
10-Aug-16	35.06	6.86	20.43	27.96	55.25	48.39	0.00	98.31	12.90	13.86	85.41	85.41	22.14
11-Aug-16	35.45	7.86	17.15	31.06	56.07	48.21	0.00	98.37	12.50	13.76	85.87	85.87	22.24
12-Aug-16	31.65	7.38	18.68	30.40	56.45	49.08	0.00	93.45	9.50	10.13	83.95	83.95	25.87

A	B	C	D	E	F	G	H	I	J	K	L	M	N
13-Aug-16	31.65	5.92	19.60	28.26	53.79	47.86	0.00	91.96	7.50	8.13	84.46	84.46	27.87
14-Aug-16	34.34	6.18	20.23	27.10	53.51	47.33	0.00	94.97	10.80	11.43	84.17	84.17	24.57
15-Aug-16	31.62	6.52	20.69	31.89	59.11	52.59	0.00	101.70	17.60	17.93	84.10	84.10	18.07
16-Aug-16	31.59	5.55	17.38	30.12	53.06	47.51	0.00	94.21	12.50	13.11	81.71	81.71	22.89
17-Aug-16	28.73	6.20	18.61	31.33	56.14	49.94	0.00	91.73	5.70	6.66	86.03	86.03	29.34
18-Aug-16	30.07	5.66	18.36	32.82	56.84	51.18	0.00	92.98	8.00	9.24	84.98	84.98	26.76
19-Aug-16	29.72	6.53	16.02	31.33	53.88	47.35	0.00	91.18	7.50	8.30	83.68	83.68	27.70
20-Aug-16	29.77	4.77	18.39	32.54	55.70	50.93	0.00	91.44	8.56	9.65	82.88	82.88	26.34
21-Aug-16	28.30	5.59	16.58	31.52	53.69	48.10	0.00	88.46	2.90	4.20	85.56	85.56	31.80
22-Aug-16	29.19	5.12	17.58	30.24	52.94	47.82	0.00	84.27	1.60	3.05	82.67	82.67	32.95
23-Aug-16	30.19	5.27	18.65	31.71	55.62	50.36	0.00	88.07	6.45	7.90	81.62	81.62	28.10
24-Aug-16	29.64	5.08	19.10	32.73	56.91	51.82	0.00	90.40	8.30	10.06	82.10	82.10	25.95
25-Aug-16	34.65	5.86	16.52	32.54	54.93	49.06	0.00	93.82	10.90	15.38	82.92	82.92	20.62
26-Aug-16	29.67	5.82	16.62	37.81	60.25	54.44	0.00	93.84	10.90	15.69	82.94	82.94	20.32
27-Aug-16	34.67	7.07	17.48	35.51	60.07	53.00	0.00	98.65	14.50	17.77	84.15	84.15	18.23
28-Aug-16	40.20	6.11	16.63	37.19	59.92	53.82	0.00	104.69	16.90	20.78	87.79	87.79	15.22
29-Aug-16	35.26	4.99	16.34	37.04	58.37	53.38	0.00	94.97	9.80	13.12	85.17	85.17	22.88
30-Aug-16	35.01	5.55	14.58	29.99	50.11	44.56	0.00	85.54	3.50	6.91	82.04	82.04	29.09
1-Sep-16	44.62	40.72	25.50	5.56	71.78	31.06	0.00	119.30	12.80	14.65	106.50	106.50	21.35
2-Sep-16	44.27	52.62	25.60	3.89	82.11	29.49	0.00	128.72	22.00	24.66	106.72	106.72	11.34
3-Sep-16	42.71	63.54	21.15	4.45	89.14	25.60	0.00	134.74	23.00	26.27	111.74	111.74	9.73
4-Sep-16	43.22	60.74	21.19	5.56	87.49	26.75	0.00	133.05	22.80	26.53	110.25	110.25	9.47
5-Sep-16	45.20	59.39	18.94	5.56	83.89	24.50	0.00	131.43	23.50	25.96	107.93	107.93	10.04
6-Sep-16	44.73	55.41	17.91	9.19	82.51	27.11	0.00	131.93	15.70	17.51	116.23	116.23	18.49
7-Sep-16	43.90	24.41	16.69	33.58	74.68	50.27	0.00	125.69	5.30	7.43	120.39	120.39	28.57
8-Sep-16	44.25	13.77	17.58	5.56	36.92	23.15	0.00	84.85	23.50	25.91	75.94	75.94	24.68
9-Sep-16	44.89	21.56	19.68	41.53	82.77	61.21	0.00	133.33	9.20	11.06	124.13	124.13	24.94
10-Sep-16	53.20	15.59	22.03	41.59	79.21	63.62	0.00	138.09	9.60	11.51	128.49	128.49	24.49
11-Sep-16	51.86	14.07	21.21	42.76	78.04	63.97	0.00	135.58	11.00	12.96	124.58	124.58	23.04

A	B	C	D	E	F	G	H	I	J	K	L	M	N
12-Sep-16	51.59	17.47	23.51	42.76	83.73	66.27	0.00	141.38	16.10	18.56	125.28	125.28	17.44
13-Sep-16	42.93	30.48	20.31	42.76	93.55	63.07	0.00	144.79	16.70	19.29	128.09	128.09	16.71
14-Sep-16	43.84	34.09	22.09	42.39	98.58	64.48	0.00	149.83	13.70	15.71	136.13	136.13	20.29
15-Sep-16	44.40	28.09	22.99	42.39	93.48	65.38	0.00	144.21	13.70	15.86	130.51	130.51	20.14
16-Sep-16	46.15	33.43	21.17	42.33	96.93	63.50	0.00	150.49	20.70	23.72	129.79	129.79	12.28
17-Sep-16	46.25	42.56	21.72	42.22	106.50	63.94	0.00	159.83	19.00	21.72	140.83	140.83	14.28
18-Sep-16	46.70	38.75	19.94	42.39	101.08	62.33	0.00	154.98	17.80	20.22	137.18	137.18	15.78
19-Sep-16	47.95	31.39	20.39	42.60	94.37	62.98	0.00	149.41	14.10	16.10	135.31	135.31	19.91
20-Sep-16	49.51	34.75	19.04	42.65	96.43	61.69	0.00	153.04	14.60	16.95	138.44	138.44	19.05
21-Sep-16	49.49	26.73	22.13	42.76	91.62	64.89	0.00	148.05	16.60	19.21	131.45	131.45	16.79
22-Sep-16	48.41	31.38	21.23	42.76	95.38	63.99	0.00	150.72	19.40	21.45	131.32	131.32	14.56
23-Sep-16	48.53	31.46	21.21	42.76	95.43	63.97	0.00	150.77	18.50	20.21	132.27	132.27	15.79
24-Sep-16	47.97	35.74	21.21	42.76	99.72	63.97	0.00	154.15	19.20	21.15	134.95	134.95	14.85
25-Sep-16	47.09	31.43	21.21	42.76	95.41	63.97	0.00	149.13	16.70	18.30	132.43	132.43	17.70
26-Sep-16	47.46	38.74	20.27	39.04	98.05	59.31	0.00	151.98	15.00	16.45	136.98	136.98	19.55
27-Sep-16	46.62	39.20	20.68	36.56	96.44	57.24	0.00	149.69	14.50	16.96	135.19	135.19	19.04
28-Sep-16	46.62	38.55	18.90	37.80	95.25	56.70	0.00	148.53	14.60	16.41	133.93	133.93	19.59
29-Sep-16	31.06	29.02	3.26	23.03	55.31	26.29	10.32	100.42	12.00	13.23	88.42	88.42	33.09
30-Sep-16	14.11	5.36	3.38	16.00	24.73	19.38	46.64	92.66	3.30	4.10	89.36	89.36	78.54

APPENDIX C

Data for the Cost analysis

Year/month		LPG Price - LKR / kg	Peak demand - kwh	Cost for peak loads	Day demand - kwh	Cost for day loads	Off peak demand - kwh	Cost for off peak loads	kVa	Cost for kVa	Current Total Cost for electricity- LKR/ month	Total Electricity demand from CEB- per month
2014	Aug	117.63	72,657	1,743,768	254,834	2,675,757	114,092	684,552	1,508	1,508,000	6,615,077	441,583
	Sep	114.83	89,596	2,150,304	299,498	3,144,729	148,999	893,994	1,534	1,534,000	7,726,027	538,093
	Oct	112.66	81,357	1,952,568	297,536	3,124,128	134,338	806,028	1,469	1,469,000	7,354,724	513,231
	Nov	92.8	80,267	1,926,408	289,882	3,043,761	131,589	789,534	1,396	1,396,000	7,158,703	501,738
	Dec	87.9	71,097	1,670,780	243,543	2,496,316	123,940	731,246	1,281	1,281,000	6,182,341	438,580
2015	Jan	74.03	65,811	1,546,559	198,462	2,034,236	116,051	684,701	1,100	1,100,000	5,368,495	380,324
	Feb	76.48	69,566	1,634,801	203,931	2,090,293	120,259	709,528	1,288	1,288,000	5,725,622	393,756
	Mar	77.17	43,993	1,033,836	138,781	1,422,505	80,661	475,900	1,051	1,051,000	3,986,241	263,435
	May	77.34	61,152	1,437,072	203,762	2,088,561	103,220	608,998	1,503	1,503,000	5,640,631	368,134
	Jun	72.18	77,906	1,830,791	292,288	2,995,952	134,355	792,695	1,678	1,678,000	7,300,438	504,549
	Aug	66.26	80,260	1,886,110	294,929	3,023,022	132,833	783,715	1,498	1,498,000	7,193,847	508,022
	Sep	59.1	72,686	1,708,121	277,765	2,847,091	122,465	722,544	1,426	1,426,000	6,706,756	472,916
	Oct	65.28	65,134	1,530,649	251,335	2,576,184	110,935	654,517	1,396	1,396,000	6,160,349	427,404
	Nov	74.82	83,084	1,952,474	307,881	3,155,780	137,814	813,103	1,602	1,602,000	7,526,357	528,779
	Dec	82.27	85,763	2,015,431	290,621	2,978,865	138,523	817,286	1,420	1,420,000	7,234,581	514,907
2016	Jan	69.41	71,466	1,679,451	272,319	2,791,270	120,184	709,086	1,339	1,339,000	6,521,806	463,969
	Feb	59.37	74,070	1,740,645	277,366	2,843,002	130,051	767,301	1,360	1,360,000	6,713,947	481,487

Year/month		LPG Price - LKR / kg	Peak demand - kwh	Cost for peak loads	Day demand - kwh	Cost for day loads	Off peak demand - kwh	Cost for off peak loads	kVa	Cost for kVa	Current Total Cost for electricity- LKR/ month	Total Electricity demand from CEB- per month
2016	Mar	60.18	70,312	1,652,332	248,776	2,549,954	113,282	668,364	1,390	1,390,000	6,263,650	432,370
	Apr	64.99	73,066	1,717,051	274,430	2,812,908	127,346	751,341	1,466	1,466,000	6,750,300	474,842
	May	67.87	72,686	1,708,121	255,948	2,623,467	113,067	667,095	1,367	1,367,000	6,368,683	441,701
	Jun	67.06	71,281	1,675,104	274,883	2,817,551	121,893	719,169	1,358	1,358,000	6,572,823	468,057
	Jul	59.88	77,790	1,828,065	292,064	2,993,656	129,216	762,374	1,468	1,468,000	7,055,095	499,070
	Aug	57.47	78,585	1,846,748	279,106	2,860,837	126,458	746,102	1,342	1,342,000	6,798,686	484,149
	Sep	60.72	77,813	1,828,606	286,455	2,936,164	128,240	756,616	1,386	1,386,000	6,910,385	492,508

