

Date: 24/12/2019

Settlement Day:03/11/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:02

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 217

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+7,681,458.950	+25,087,846.270
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+7,607,136.810	+367,647,348.560
Balancing Services Contract Cost	+1,213,604.300	+207,859,196.690
Balancing Services Cost Variable	+476,808.390	+76,400,592.500
ESO Incentive Recovery Costs	+41,095.890	+8,917,808.130
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+115,168.480	+23,554,910.780
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+114,892,464.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+498,414.280
EMR Incentive Revenue	+0.000	+0.000
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+529,458.360	+114,892,464.120
Total External Costs	+9,456,110.710	+690,682,851.400
Total Adjusted Energy Volume (MWh)	+1,236,748.254	

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BALANCING SERVICES USE OF SYSTEM CHARGE - DAILY SETTLEMENT PERIOD COMPONENTS

Settlement Period	Period total Energy Volume(MWh)	Total Period Balance use of System Charges	Balancing Services Price(£/MWh)
01	+22,500.688	+278,578.178	+12.38087
02	+22,403.677	+284,235.108	+12.68698
03	+21,905.161	+301,422.189	+13.76033
04	+21,064.076	+289,634.015	+13.75014
05	+20,793.883	+293,897.877	+14.13386
06	+21,056.901	+305,752.945	+14.52032
07	+20,893.310	+313,607.817	+15.00996
08	+20,337.779	+296,301.016	+14.56900
09	+20,166.608	+327,690.545	+16.24917
10	+20,118.277	+332,077.240	+16.50625
11	+20,351.453	+326,767.959	+16.05625
12	+20,733.946	+323,718.936	+15.61299
13	+22,018.625	+330,042.315	+14.98923
14	+22,485.707	+308,598.822	+13.72422
15	+24,379.430	+316,085.246	+12.96524
16	+25,505.491	+317,625.754	+12.45323
17	+26,410.839	+278,411.536	+10.54156
18	+27,321.096	+243,406.611	+8.90911
19	+27,763.019	+198,013.756	+7.13228
20	+27,687.870	+176,307.148	+6.36767
21	+27,598.552	+141,436.905	+5.12479
22	+27,500.975	+145,855.705	+5.30366
23	+27,373.621	+141,554.146	+5.17119
24	+27,208.061	+134,457.105	+4.94181
25	+26,817.300	+118,001.866	+4.40021
26	+26,891.949	+118,776.053	+4.41679
27	+27,130.203	+128,520.918	+4.73719
28	+27,017.369	+134,267.722	+4.96968
29	+27,263.714	+147,556.330	+5.41219
30	+27,579.776	+163,711.182	+5.93591
31	+28,281.467	+148,726.678	+5.25880
32	+29,003.945	+130,332.360	+4.49361
33	+29,850.420	+145,416.900	+4.87152
34	+31,914.589	+173,611.562	+5.43988
35	+33,125.351	+161,382.627	+4.87188
36	+32,937.096	+137,508.284	+4.17488
37	+32,246.591	+119,814.064	+3.71556
38	+31,270.720	+102,903.331	+3.29072
39	+30,376.636	+116,640.462	+3.83981
40	+29,080.383	+122,486.097	+4.21198
41	+27,787.585	+163,270.358	+5.87566
42	+27,006.513	+170,102.305	+6.29857

43	+26,993.895	+173,743.709	+6.43641
44	+25,917.306	+150,890.376	+5.82199
45	+25,049.637	+163,774.828	+6.53801
46	+24,070.756	+163,441.196	+6.79003
47	+22,266.337	+197,830.645	+8.88474
48	+21,289.671	+227,323.292	+10.67763

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost(£)	Cashflow SO RR Cost(£)	Total SO Cashflow Cost(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)
01	+0.01819	+243,337.36	+0.00	+238,490.74	+22,075.462	+5,496.900
02	+0.01811	+250,928.35	+0.00	+244,299.80	+21,978.374	+5,496.900
03	+0.01771	+269,173.75	+0.00	+263,768.13	+21,492.932	+3,976.300
04	+0.01703	+256,193.63	+0.00	+253,273.06	+20,667.681	+3,976.300
05	+0.01681	+251,057.56	+0.00	+248,224.68	+20,400.688	+13,706.900
06	+0.01703	+262,489.32	+0.00	+259,661.39	+20,667.681	+13,706.900
07	+0.01689	+270,831.89	+0.00	+267,782.49	+20,497.777	+13,706.900
08	+0.01644	+253,767.07	+0.00	+251,331.42	+19,951.655	+13,706.900
09	+0.01631	+254,187.68	+0.00	+251,498.31	+19,793.886	+45,176.750
10	+0.01627	+258,669.52	+0.00	+255,961.07	+19,745.342	+45,176.750
11	+0.01646	+259,714.39	+0.00	+257,479.03	+19,975.927	+37,988.200
12	+0.01676	+256,670.59	+0.00	+253,859.52	+20,340.008	+37,988.200
13	+0.01780	+278,140.34	+0.00	+275,293.54	+21,602.157	+20,899.870
14	+0.01818	+255,979.75	+0.00	+253,127.43	+22,063.326	+20,899.870
15	+0.01971	+258,884.23	+0.00	+256,929.88	+23,920.141	+21,674.360
16	+0.02062	+257,607.78	+0.00	+256,739.91	+25,024.521	+21,674.360
17	+0.02136	+235,131.47	+0.00	+233,836.98	+25,922.588	+3,955.870
18	+0.02209	+197,898.57	+0.00	+197,443.87	+26,808.519	+3,955.870
19	+0.02245	+154,667.88	+0.00	+154,454.43	+27,245.417	+867.870
20	+0.02239	+133,299.35	+0.00	+132,861.92	+27,172.600	+867.870
21	+0.02232	+100,047.03	+0.00	+98,124.79	+27,087.648	+867.870
22	+0.02224	+103,324.75	+0.00	+102,695.72	+26,990.560	+867.870
23	+0.02213	+99,338.24	+0.00	+98,603.34	+26,857.063	+867.870
24	+0.02200	+92,212.15	+0.00	+91,753.51	+26,699.295	+867.870
25	+0.02168	+75,314.84	+0.00	+74,703.79	+26,310.941	+2,070.870
26	+0.02174	+75,527.26	+0.00	+75,363.88	+26,383.757	+2,070.870
27	+0.02194	+91,147.50	+0.00	+90,810.79	+26,626.478	-4,011.500
28	+0.02185	+97,060.22	+0.00	+96,728.74	+26,517.254	-4,011.500
29	+0.02204	+108,136.27	+0.00	+107,771.04	+26,747.839	-2,126.500
30	+0.02230	+123,878.60	+0.00	+123,431.47	+27,063.376	-2,126.500
31	+0.02287	+106,122.58	+0.00	+105,236.54	+27,755.130	+0.000
32	+0.02345	+86,682.93	+0.00	+85,739.28	+28,459.021	+0.000
33	+0.02414	+77,455.38	+0.00	+77,256.83	+29,296.408	+22,254.870
34	+0.02581	+102,723.28	+0.00	+102,275.78	+31,323.127	+22,254.870
35	+0.02678	+104,873.33	+0.00	+104,374.77	+32,500.323	+6,082.370
36	+0.02663	+81,184.56	+0.00	+80,785.67	+32,318.283	+6,082.370
37	+0.02607	+64,660.35	+0.00	+64,156.36	+31,638.664	+6,082.370
38	+0.02528	+49,310.48	+0.00	+48,747.91	+30,679.917	+6,082.370
39	+0.02456	+64,371.63	+0.00	+63,854.21	+29,806.122	+6,082.370
40	+0.02351	+72,281.83	+0.00	+71,696.55	+28,531.837	+6,082.370
41	+0.02247	+115,356.41	+0.00	+114,458.50	+27,269.689	+6,082.370
42	+0.02184	+130,020.13	+0.00	+128,570.84	+26,505.118	+0.000

43	+0.02183	+136,259.94	+ .00	+132,231.26	+26,492.982	+ .000
44	+0.02096	+112,163.82	+ .00	+111,032.34	+25,437.146	+ .000
45	+0.02025	+121,375.31	+ .00	+120,840.07	+24,575.487	+4,426.875
46	+0.01946	+122,738.93	+ .00	+122,008.72	+23,616.740	+4,426.875
47	+0.01800	+139,388.00	+ .00	+138,285.79	+21,844.877	+25,315.625
48	+0.01721	+169,872.72	+ .00	+169,280.72	+20,886.130	+25,315.625

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	+747.534	+0.000	+0.000	+2,094.915	+0.000	+9,630.848
02	+744.247	+0.000	+0.000	+2,085.701	+0.000	+9,588.491
03	+727.808	+0.000	+0.000	+2,039.634	+0.000	+9,376.708
04	+699.863	+0.000	+0.000	+1,961.319	+0.000	+9,016.676
05	+690.822	+0.000	+0.000	+1,935.982	+0.000	+8,900.195
06	+699.863	+0.000	+0.000	+1,961.319	+0.000	+9,016.676
07	+694.110	+0.000	+0.000	+1,945.196	+0.000	+8,942.552
08	+675.616	+0.000	+0.000	+1,893.370	+0.000	+8,704.295
09	+670.274	+0.000	+0.000	+1,878.398	+0.000	+8,635.466
10	+668.630	+0.000	+0.000	+1,873.791	+0.000	+8,614.288
11	+676.438	+0.000	+0.000	+1,895.673	+0.000	+8,714.885
12	+688.767	+0.000	+0.000	+1,930.224	+0.000	+8,873.722
13	+731.507	+0.000	+0.000	+2,049.999	+0.000	+9,424.359
14	+747.123	+0.000	+0.000	+2,093.763	+0.000	+9,625.553
15	+810.000	+0.000	+0.000	+2,269.971	+0.000	+10,435.624
16	+847.397	+0.000	+0.000	+2,374.774	+0.000	+10,917.431
17	+877.808	+0.000	+0.000	+2,459.999	+0.000	+11,309.231
18	+907.808	+0.000	+0.000	+2,544.072	+0.000	+11,695.735
19	+922.603	+0.000	+0.000	+2,585.532	+0.000	+11,886.340
20	+920.137	+0.000	+0.000	+2,578.622	+0.000	+11,854.573
21	+917.260	+0.000	+0.000	+2,570.560	+0.000	+11,817.511
22	+913.973	+0.000	+0.000	+2,561.347	+0.000	+11,775.154
23	+909.452	+0.000	+0.000	+2,548.678	+0.000	+11,716.914
24	+904.110	+0.000	+0.000	+2,533.707	+0.000	+11,648.084
25	+890.959	+0.000	+0.000	+2,496.853	+0.000	+11,478.657
26	+893.425	+0.000	+0.000	+2,503.763	+0.000	+11,510.425
27	+901.644	+0.000	+0.000	+2,526.796	+0.000	+11,616.316
28	+897.945	+0.000	+0.000	+2,516.431	+0.000	+11,568.665
29	+905.753	+0.000	+0.000	+2,538.313	+0.000	+11,669.262
30	+916.438	+0.000	+0.000	+2,568.257	+0.000	+11,806.921
31	+939.863	+0.000	+0.000	+2,633.903	+0.000	+12,108.713
32	+963.699	+0.000	+0.000	+2,700.701	+0.000	+12,415.799
33	+992.055	+0.000	+0.000	+2,780.167	+0.000	+12,781.125
34	+1,060.685	+0.000	+0.000	+2,972.498	+0.000	+13,665.320
35	+1,100.548	+0.000	+0.000	+3,084.212	+0.000	+14,178.895
36	+1,094.384	+0.000	+0.000	+3,066.937	+0.000	+14,099.476
37	+1,071.370	+0.000	+0.000	+3,002.442	+0.000	+13,802.979
38	+1,038.904	+0.000	+0.000	+2,911.459	+0.000	+13,384.707
39	+1,009.315	+0.000	+0.000	+2,828.538	+0.000	+13,003.497
40	+966.164	+0.000	+0.000	+2,707.611	+0.000	+12,447.566
41	+923.425	+0.000	+0.000	+2,587.836	+0.000	+11,896.929
42	+897.534	+0.000	+0.000	+2,515.280	+0.000	+11,563.371

43	+897.123	+.000	+.000	+2,514.128	+.000	+11,558.076
44	+861.370	+.000	+.000	+2,413.931	+.000	+11,097.447
45	+832.192	+.000	+.000	+2,332.162	+.000	+10,721.532
46	+799.726	+.000	+.000	+2,241.179	+.000	+10,303.260
47	+739.726	+.000	+.000	+2,073.033	+.000	+9,530.250
48	+707.260	+.000	+.000	+1,982.050	+.000	+9,111.978

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+41.780	+.000	+.000	+.000	+.000
02	+.000	+41.596	+.000	+.000	+.000	+.000
03	+.000	+40.677	+.000	+.000	+.000	+.000
04	+.000	+39.115	+.000	+.000	+.000	+.000
05	+.000	+38.610	+.000	+.000	+.000	+.000
06	+.000	+39.115	+.000	+.000	+.000	+.000
07	+.000	+38.794	+.000	+.000	+.000	+.000
08	+.000	+37.760	+.000	+.000	+.000	+.000
09	+.000	+37.461	+.000	+.000	+.000	+.000
10	+.000	+37.370	+.000	+.000	+.000	+.000
11	+.000	+37.806	+.000	+.000	+.000	+.000
12	+.000	+38.495	+.000	+.000	+.000	+.000
13	+.000	+40.884	+.000	+.000	+.000	+.000
14	+.000	+41.757	+.000	+.000	+.000	+.000
15	+.000	+45.271	+.000	+.000	+.000	+.000
16	+.000	+47.361	+.000	+.000	+.000	+.000
17	+.000	+49.061	+.000	+.000	+.000	+.000
18	+.000	+50.737	+.000	+.000	+.000	+.000
19	+.000	+51.564	+.000	+.000	+.000	+.000
20	+.000	+51.426	+.000	+.000	+.000	+.000
21	+.000	+51.265	+.000	+.000	+.000	+.000
22	+.000	+51.082	+.000	+.000	+.000	+.000
23	+.000	+50.829	+.000	+.000	+.000	+.000
24	+.000	+50.530	+.000	+.000	+.000	+.000
25	+.000	+49.795	+.000	+.000	+.000	+.000
26	+.000	+49.933	+.000	+.000	+.000	+.000
27	+.000	+50.393	+.000	+.000	+.000	+.000
28	+.000	+50.186	+.000	+.000	+.000	+.000
29	+.000	+50.622	+.000	+.000	+.000	+.000
30	+.000	+51.220	+.000	+.000	+.000	+.000
31	+.000	+52.529	+.000	+.000	+.000	+.000
32	+.000	+53.861	+.000	+.000	+.000	+.000
33	+.000	+55.446	+.000	+.000	+.000	+.000
34	+.000	+59.281	+.000	+.000	+.000	+.000
35	+.000	+61.509	+.000	+.000	+.000	+.000
36	+.000	+61.165	+.000	+.000	+.000	+.000
37	+.000	+59.879	+.000	+.000	+.000	+.000
38	+.000	+58.064	+.000	+.000	+.000	+.000
39	+.000	+56.410	+.000	+.000	+.000	+.000
40	+.000	+53.999	+.000	+.000	+.000	+.000
41	+.000	+51.610	+.000	+.000	+.000	+.000
42	+.000	+50.163	+.000	+.000	+.000	+.000

43	+ .000	+50.140	+ .000	+ .000	+ .000	+ .000
44	+ .000	+48.142	+ .000	+ .000	+ .000	+ .000
45	+ .000	+46.511	+ .000	+ .000	+ .000	+ .000
46	+ .000	+44.697	+ .000	+ .000	+ .000	+ .000
47	+ .000	+41.343	+ .000	+ .000	+ .000	+ .000
48	+ .000	+39.529	+ .000	+ .000	+ .000	+ .000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+278,578.178
02	+ .000	+284,235.108
03	+ .000	+301,422.189
04	+ .000	+289,634.015
05	+ .000	+293,897.877
06	+ .000	+305,752.945
07	+ .000	+313,607.817
08	+ .000	+296,301.016
09	+ .000	+327,690.545
10	+ .000	+332,077.240
11	+ .000	+326,767.959
12	+ .000	+323,718.936
13	+ .000	+330,042.315
14	+ .000	+308,598.822
15	+ .000	+316,085.246
16	+ .000	+317,625.754
17	+ .000	+278,411.536
18	+ .000	+243,406.611
19	+ .000	+198,013.756
20	+ .000	+176,307.148
21	+ .000	+141,436.905
22	+ .000	+145,855.705
23	+ .000	+141,554.146
24	+ .000	+134,457.105
25	+ .000	+118,001.866
26	+ .000	+118,776.053
27	+ .000	+128,520.918
28	+ .000	+134,267.722
29	+ .000	+147,556.330
30	+ .000	+163,711.182
31	+ .000	+148,726.678
32	+ .000	+130,332.360
33	+ .000	+145,416.900
34	+ .000	+173,611.562
35	+ .000	+161,382.627
36	+ .000	+137,508.284
37	+ .000	+119,814.064
38	+ .000	+102,903.331
39	+ .000	+116,640.462
40	+ .000	+122,486.097
41	+ .000	+163,270.358
42	+ .000	+170,102.305

43	+.000	+173,743.709
44	+.000	+150,890.376
45	+.000	+163,774.828
46	+.000	+163,441.196
47	+.000	+197,830.645
48	+.000	+227,323.292