

Date: 31/12/2019

Settlement Day:07/11/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 221

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,112,708.490	+33,491,733.540
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,088,492.180	+375,961,809.130
Balancing Services Contract Cost	+1,210,713.640	+212,785,537.100
Balancing Services Cost Variable	+591,333.880	+77,719,948.270
ESO Incentive Recovery Costs	+41,095.890	+9,082,191.690
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+117,965.250	+24,007,099.490
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+117,010,297.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+507,601.640
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	+117,010,297.560
Total External Costs	+4,051,897.680	+705,868,767.780
Total Adjusted Energy Volume (MWh)	+1,438,630.553	

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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	+22,601.392	+126,016.046	+5.57559
02	+23,317.095	+142,371.371	+6.10588
03	+22,955.111	+147,765.678	+6.43716
04	+22,419.044	+147,541.427	+6.58108
05	+22,285.605	+147,281.039	+6.60880
06	+21,989.784	+133,441.503	+6.06834
07	+21,435.451	+106,256.767	+4.95706
08	+20,736.542	+90,020.597	+4.34116
09	+20,527.230	+93,382.133	+4.54918
10	+20,522.206	+103,646.303	+5.05045
11	+21,106.224	+115,527.275	+5.47361
12	+22,288.002	+142,894.179	+6.41126
13	+24,148.330	+158,350.488	+6.55741
14	+26,899.087	+88,127.641	+3.27623
15	+30,141.875	+17,835.163	+0.59171
16	+31,706.883	+20,457.051	+0.64519
17	+32,162.843	+22,239.760	+0.69147
18	+32,269.743	+27,814.547	+0.86194
19	+32,761.717	+52,037.928	+1.58838
20	+32,812.062	+53,516.759	+1.63101
21	+32,725.159	+51,365.047	+1.56959
22	+32,800.785	+67,535.954	+2.05897
23	+32,794.069	+67,883.524	+2.06999
24	+32,648.953	+67,878.605	+2.07904
25	+32,667.970	+95,720.126	+2.93009
26	+32,259.310	+104,234.922	+3.23116
27	+32,233.066	+95,578.077	+2.96522
28	+32,454.217	+90,569.446	+2.79068
29	+32,778.570	+99,882.063	+3.04718
30	+33,085.780	+90,476.080	+2.73459
31	+33,641.443	+125,577.201	+3.73281
32	+35,001.669	+126,208.534	+3.60579
33	+36,108.449	+86,406.013	+2.39296
34	+38,043.403	+123,717.553	+3.25201
35	+39,022.606	+151,068.483	+3.87131
36	+38,998.666	+159,416.198	+4.08773
37	+38,765.769	+139,412.953	+3.59629
38	+38,060.424	+124,920.323	+3.28216
39	+37,499.393	+97,546.077	+2.60127
40	+36,778.562	+88,297.566	+2.40079
41	+35,465.720	+81,956.954	+2.31088
42	+33,829.556	+60,057.285	+1.77529

43	+31,977.395	+85,679.651	+2.67938
44	+30,025.548	+85,492.451	+2.84732
45	+28,472.621	+85,407.428	+2.99963
46	+26,630.595	+59,577.150	+2.23717
47	+24,916.561	+64,477.279	+2.58773
48	+23,858.068	+68,508.457	+2.87150

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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	+0.01571	+79,441.54	+0.00	+78,748.21	+19,020.311	+17,394.800
02	+0.01621	+94,399.98	+0.00	+94,152.77	+19,625.668	+17,394.800
03	+0.01596	+100,201.48	+0.00	+100,022.46	+19,322.990	+17,394.800
04	+0.01558	+100,769.12	+0.00	+100,520.79	+18,862.919	+17,394.800
05	+0.01549	+103,398.25	+0.00	+103,247.04	+18,753.954	+14,579.300
06	+0.01529	+90,060.52	+0.00	+89,787.81	+18,511.812	+14,579.300
07	+0.01490	+63,855.16	+0.00	+63,344.67	+18,039.633	+14,579.300
08	+0.01441	+48,763.37	+0.00	+48,040.25	+17,446.384	+14,579.300
09	+0.01427	+52,303.34	+0.00	+50,690.00	+17,276.884	+15,557.300
10	+0.01427	+62,323.01	+0.00	+60,954.17	+17,276.884	+15,557.300
11	+0.01467	+72,610.65	+0.00	+72,074.53	+17,761.169	+15,557.300
12	+0.01549	+98,584.84	+0.00	+97,882.18	+18,753.954	+15,557.300
13	+0.01679	+88,828.47	+0.00	+87,307.10	+20,327.882	+39,116.700
14	+0.01870	+17,091.11	+0.00	+13,452.33	+22,640.345	+39,116.700
15	+0.02095	-29,722.81	+0.00	-29,771.29	+25,364.451	+7,769.400
16	+0.02204	-29,216.46	+0.00	-29,222.07	+26,684.129	+7,769.400
17	+0.02236	-28,011.68	+0.00	-28,047.85	+27,071.557	+7,769.400
18	+0.02243	-22,442.50	+0.00	-22,606.17	+27,156.307	+7,769.400
19	+0.02277	+1,219.07	+0.00	+970.69	+27,567.950	+7,769.400
20	+0.02281	+2,554.52	+0.00	+2,373.46	+27,616.378	+7,769.400
21	+0.02275	+798.07	+0.00	+335.84	+27,543.735	+7,769.400
22	+0.02280	+16,892.60	+0.00	+16,411.67	+27,604.271	+7,769.400
23	+0.02280	+17,566.79	+0.00	+16,759.24	+27,604.271	+7,769.400
24	+0.02269	+17,443.62	+0.00	+16,963.49	+27,471.092	+7,769.400
25	+0.02271	+45,130.66	+0.00	+44,766.98	+27,495.307	+7,769.400
26	+0.02242	+54,131.58	+0.00	+53,833.22	+27,144.200	+7,769.400
27	+0.02241	+53,196.21	+0.00	+52,964.79	+27,132.093	+0.000
28	+0.02256	+48,045.22	+0.00	+47,670.93	+27,313.700	+0.000
29	+0.02278	+56,771.09	+0.00	+56,565.21	+27,580.057	+0.000
30	+0.02300	+47,023.16	+0.00	+46,740.89	+27,846.414	+0.000
31	+0.02338	+30,297.44	+0.00	+29,241.19	+28,306.485	+51,878.240
32	+0.02433	+29,043.88	+0.00	+28,066.07	+29,456.663	+51,878.240
33	+0.02510	+32,409.68	+0.00	+30,950.71	+30,388.912	+7,726.900
34	+0.02644	+65,775.82	+0.00	+65,714.20	+32,011.269	+7,726.900
35	+0.02712	+92,245.30	+0.00	+91,772.09	+32,834.554	+7,726.900
36	+0.02711	+100,246.60	+0.00	+100,138.82	+32,822.447	+7,726.900
37	+0.02695	+80,640.34	+0.00	+80,439.82	+32,628.733	+7,726.900
38	+0.02646	+67,391.66	+0.00	+66,878.94	+32,035.483	+7,726.900
39	+0.02607	+40,488.90	+0.00	+40,246.29	+31,563.305	+7,726.900
40	+0.02556	+32,241.66	+0.00	+31,967.56	+30,945.841	+7,726.900
41	+0.02465	+27,496.50	+0.00	+27,357.34	+29,844.091	+7,726.900
42	+0.02352	+16,353.99	+0.00	+15,333.30	+28,475.985	+0.000

43	+0.02223	+43,436.20	+.00	+43,408.64	+26,914.164	+.000
44	+0.02087	+45,870.65	+.00	+45,807.52	+25,267.594	+.000
45	+0.01979	+30,377.06	+.00	+30,181.15	+23,960.023	+17,595.000
46	+0.01851	+6,959.48	+.00	+6,784.83	+22,410.309	+17,595.000
47	+0.01732	+21,052.00	+.00	+20,916.03	+20,969.560	+10,626.750
48	+0.01658	+26,371.35	+.00	+26,354.34	+20,073.632	+10,626.750

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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	+645.616	+0.000	+0.000	+1,853.234	+0.000	+8,317.791
02	+666.164	+0.000	+0.000	+1,912.217	+0.000	+8,582.520
03	+655.890	+0.000	+0.000	+1,882.725	+0.000	+8,450.155
04	+640.274	+0.000	+0.000	+1,837.899	+0.000	+8,248.961
05	+636.575	+0.000	+0.000	+1,827.282	+0.000	+8,201.310
06	+628.356	+0.000	+0.000	+1,803.689	+0.000	+8,095.418
07	+612.329	+0.000	+0.000	+1,757.682	+0.000	+7,888.930
08	+592.192	+0.000	+0.000	+1,699.879	+0.000	+7,629.495
09	+586.438	+0.000	+0.000	+1,683.364	+0.000	+7,555.371
10	+586.438	+0.000	+0.000	+1,683.364	+0.000	+7,555.371
11	+602.877	+0.000	+0.000	+1,730.550	+0.000	+7,767.154
12	+636.575	+0.000	+0.000	+1,827.282	+0.000	+8,201.310
13	+690.000	+0.000	+0.000	+1,980.637	+0.000	+8,889.606
14	+768.493	+0.000	+0.000	+2,205.950	+0.000	+9,900.871
15	+860.959	+0.000	+0.000	+2,471.372	+0.000	+11,092.153
16	+905.753	+0.000	+0.000	+2,599.954	+0.000	+11,669.262
17	+918.904	+0.000	+0.000	+2,637.703	+0.000	+11,838.689
18	+921.781	+0.000	+0.000	+2,645.961	+0.000	+11,875.751
19	+935.753	+0.000	+0.000	+2,686.069	+0.000	+12,055.767
20	+937.397	+0.000	+0.000	+2,690.787	+0.000	+12,076.945
21	+934.931	+0.000	+0.000	+2,683.709	+0.000	+12,045.178
22	+936.986	+0.000	+0.000	+2,689.608	+0.000	+12,071.651
23	+936.986	+0.000	+0.000	+2,689.608	+0.000	+12,071.651
24	+932.466	+0.000	+0.000	+2,676.632	+0.000	+12,013.410
25	+933.288	+0.000	+0.000	+2,678.991	+0.000	+12,023.999
26	+921.370	+0.000	+0.000	+2,644.781	+0.000	+11,870.456
27	+920.959	+0.000	+0.000	+2,643.601	+0.000	+11,865.162
28	+927.123	+0.000	+0.000	+2,661.296	+0.000	+11,944.581
29	+936.164	+0.000	+0.000	+2,687.248	+0.000	+12,061.061
30	+945.205	+0.000	+0.000	+2,713.201	+0.000	+12,177.542
31	+960.822	+0.000	+0.000	+2,758.028	+0.000	+12,378.736
32	+999.863	+0.000	+0.000	+2,870.095	+0.000	+12,881.722
33	+1,031.507	+0.000	+0.000	+2,960.928	+0.000	+13,289.405
34	+1,086.575	+0.000	+0.000	+3,119.001	+0.000	+13,998.879
35	+1,114.521	+0.000	+0.000	+3,199.218	+0.000	+14,358.911
36	+1,114.110	+0.000	+0.000	+3,198.038	+0.000	+14,353.616
37	+1,107.534	+0.000	+0.000	+3,179.163	+0.000	+14,268.903
38	+1,087.397	+0.000	+0.000	+3,121.361	+0.000	+14,009.468
39	+1,071.370	+0.000	+0.000	+3,075.354	+0.000	+13,802.979
40	+1,050.411	+0.000	+0.000	+3,015.192	+0.000	+13,532.956
41	+1,013.014	+0.000	+0.000	+2,907.843	+0.000	+13,051.149
42	+966.575	+0.000	+0.000	+2,774.543	+0.000	+12,452.861

43	+913.562	+.000	+.000	+2,622.368	+.000	+11,769.859
44	+857.671	+.000	+.000	+2,461.935	+.000	+11,049.796
45	+813.288	+.000	+.000	+2,334.532	+.000	+10,477.981
46	+760.685	+.000	+.000	+2,183.537	+.000	+9,800.274
47	+711.781	+.000	+.000	+2,043.158	+.000	+9,170.219
48	+681.370	+.000	+.000	+1,955.864	+.000	+8,778.420

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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	+36.083	+.000	+.000	+.000	+.000
02	+.000	+37.232	+.000	+.000	+.000	+.000
03	+.000	+36.658	+.000	+.000	+.000	+.000
04	+.000	+35.785	+.000	+.000	+.000	+.000
05	+.000	+35.578	+.000	+.000	+.000	+.000
06	+.000	+35.119	+.000	+.000	+.000	+.000
07	+.000	+34.223	+.000	+.000	+.000	+.000
08	+.000	+33.097	+.000	+.000	+.000	+.000
09	+.000	+32.776	+.000	+.000	+.000	+.000
10	+.000	+32.776	+.000	+.000	+.000	+.000
11	+.000	+33.695	+.000	+.000	+.000	+.000
12	+.000	+35.578	+.000	+.000	+.000	+.000
13	+.000	+38.564	+.000	+.000	+.000	+.000
14	+.000	+42.951	+.000	+.000	+.000	+.000
15	+.000	+48.119	+.000	+.000	+.000	+.000
16	+.000	+50.622	+.000	+.000	+.000	+.000
17	+.000	+51.357	+.000	+.000	+.000	+.000
18	+.000	+51.518	+.000	+.000	+.000	+.000
19	+.000	+52.299	+.000	+.000	+.000	+.000
20	+.000	+52.391	+.000	+.000	+.000	+.000
21	+.000	+52.253	+.000	+.000	+.000	+.000
22	+.000	+52.368	+.000	+.000	+.000	+.000
23	+.000	+52.368	+.000	+.000	+.000	+.000
24	+.000	+52.115	+.000	+.000	+.000	+.000
25	+.000	+52.161	+.000	+.000	+.000	+.000
26	+.000	+51.495	+.000	+.000	+.000	+.000
27	+.000	+51.472	+.000	+.000	+.000	+.000
28	+.000	+51.817	+.000	+.000	+.000	+.000
29	+.000	+52.322	+.000	+.000	+.000	+.000
30	+.000	+52.827	+.000	+.000	+.000	+.000
31	+.000	+53.700	+.000	+.000	+.000	+.000
32	+.000	+55.882	+.000	+.000	+.000	+.000
33	+.000	+57.651	+.000	+.000	+.000	+.000
34	+.000	+60.728	+.000	+.000	+.000	+.000
35	+.000	+62.290	+.000	+.000	+.000	+.000
36	+.000	+62.267	+.000	+.000	+.000	+.000
37	+.000	+61.900	+.000	+.000	+.000	+.000
38	+.000	+60.774	+.000	+.000	+.000	+.000
39	+.000	+59.879	+.000	+.000	+.000	+.000
40	+.000	+58.707	+.000	+.000	+.000	+.000
41	+.000	+56.617	+.000	+.000	+.000	+.000
42	+.000	+54.022	+.000	+.000	+.000	+.000



43	+.000	+51.059	+.000	+.000	+.000	+.000
44	+.000	+47.935	+.000	+.000	+.000	+.000
45	+.000	+45.454	+.000	+.000	+.000	+.000
46	+.000	+42.515	+.000	+.000	+.000	+.000
47	+.000	+39.781	+.000	+.000	+.000	+.000
48	+.000	+38.082	+.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	+126,016.046
02	+ .000	+142,371.371
03	+ .000	+147,765.678
04	+ .000	+147,541.427
05	+ .000	+147,281.039
06	+ .000	+133,441.503
07	+ .000	+106,256.767
08	+ .000	+90,020.597
09	+ .000	+93,382.133
10	+ .000	+103,646.303
11	+ .000	+115,527.275
12	+ .000	+142,894.179
13	+ .000	+158,350.488
14	+ .000	+88,127.641
15	+ .000	+17,835.163
16	+ .000	+20,457.051
17	+ .000	+22,239.760
18	+ .000	+27,814.547
19	+ .000	+52,037.928
20	+ .000	+53,516.759
21	+ .000	+51,365.047
22	+ .000	+67,535.954
23	+ .000	+67,883.524
24	+ .000	+67,878.605
25	+ .000	+95,720.126
26	+ .000	+104,234.922
27	+ .000	+95,578.077
28	+ .000	+90,569.446
29	+ .000	+99,882.063
30	+ .000	+90,476.080
31	+ .000	+125,577.201
32	+ .000	+126,208.534
33	+ .000	+86,406.013
34	+ .000	+123,717.553
35	+ .000	+151,068.483
36	+ .000	+159,416.198
37	+ .000	+139,412.953
38	+ .000	+124,920.323
39	+ .000	+97,546.077
40	+ .000	+88,297.566
41	+ .000	+81,956.954
42	+ .000	+60,057.285

43	+.000	+85,679.651
44	+.000	+85,492.451
45	+.000	+85,407.428
46	+.000	+59,577.150
47	+.000	+64,477.279
48	+.000	+68,508.457