

Date: 15/01/2020

Settlement Day:21/11/2018

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: 235

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+367,945.180	+47,950,014.180
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+351,747.780	+390,167,466.880
Balancing Services Contract Cost	+1,386,393.660	+230,505,896.840
Balancing Services Cost Variable	+3,506,521.170	+90,634,535.960
ESO Incentive Recovery Costs	+41,095.890	+9,657,534.150
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+111,221.920	+25,645,773.850
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+124,422,714.600
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+539,757.400
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	+124,422,714.600
Total External Costs	+5,399,277.260	+752,955,545.540
Total Adjusted Energy Volume (MWh)	+1,740,202.461	

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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	+27,086.897	+76,763.936	+2.83399
02	+27,813.322	+88,652.977	+3.18743
03	+27,447.094	+63,196.319	+2.30248
04	+26,877.275	+50,748.135	+1.88814
05	+26,377.456	+32,521.475	+1.23293
06	+26,297.636	+34,995.011	+1.33073
07	+26,268.381	+68,345.277	+2.60181
08	+26,065.199	+49,869.601	+1.91326
09	+26,167.851	+63,671.609	+2.43320
10	+26,310.077	+57,917.796	+2.20135
11	+27,216.153	+86,208.449	+3.16755
12	+28,791.532	+79,162.219	+2.74950
13	+31,134.100	+154,211.439	+4.95314
14	+34,249.155	+144,720.684	+4.22553
15	+38,141.852	+159,667.359	+4.18615
16	+39,369.797	+131,301.526	+3.33508
17	+40,296.565	+130,269.628	+3.23277
18	+40,315.100	+128,259.493	+3.18143
19	+40,806.757	+100,877.823	+2.47209
20	+40,780.921	+100,196.714	+2.45695
21	+40,351.482	+96,860.832	+2.40043
22	+40,170.063	+139,445.391	+3.47138
23	+39,961.562	+127,091.295	+3.18034
24	+39,950.885	+118,093.185	+2.95596
25	+40,184.192	+133,257.605	+3.31617
26	+39,957.734	+112,771.795	+2.82228
27	+39,979.299	+90,874.129	+2.27303
28	+40,085.994	+89,289.422	+2.22745
29	+40,339.945	+85,438.837	+2.11797
30	+40,483.643	+73,855.575	+1.82433
31	+40,871.290	+220,731.652	+5.40065
32	+42,181.770	+234,228.062	+5.55283
33	+42,624.722	+402,388.919	+9.44027
34	+42,849.816	+395,687.749	+9.23429
35	+42,611.987	+448,307.659	+10.52069
36	+42,528.876	+456,704.435	+10.73869
37	+43,430.657	+112,902.858	+2.59961
38	+43,355.929	+115,749.945	+2.66976
39	+43,341.900	+124,217.825	+2.86600
40	+42,477.438	+107,450.781	+2.52960
41	+41,772.049	+76,337.280	+1.82747
42	+40,373.141	+74,615.177	+1.84814

43	+38,569.203	+75,841.991	+1.96639
44	+36,294.988	+51,361.725	+1.41512
45	+34,382.023	+56,974.391	+1.65710
46	+32,392.375	+35,506.935	+1.09615
47	+30,562.076	+26,417.815	+0.86440
48	+30,304.302	+44,733.475	+1.47614

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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	+0.01557	+33,941.25	+0.00	+33,561.97	+21,586.149	+10,964.800
02	+0.01598	+44,602.25	+0.00	+44,602.12	+22,154.571	+10,964.800
03	+0.01577	+19,710.91	+0.00	+19,580.26	+21,863.428	+10,964.800
04	+0.01544	+7,928.31	+0.00	+7,815.33	+21,405.918	+10,964.800
05	+0.01516	-8,926.26	+0.00	-8,929.10	+21,017.728	+10,062.300
06	+0.01511	-6,186.29	+0.00	-6,352.04	+20,948.408	+10,062.300
07	+0.01510	+26,136.43	+0.00	+26,116.43	+20,934.544	+10,964.800
08	+0.01498	+7,972.25	+0.00	+7,889.21	+20,768.177	+10,964.800
09	+0.01504	+16,568.12	+0.00	+16,383.29	+20,851.361	+16,148.500
10	+0.01512	+11,025.42	+0.00	+10,463.84	+20,962.272	+16,148.500
11	+0.01564	+38,871.58	+0.00	+37,677.85	+21,683.197	+16,148.500
12	+0.01654	+31,485.76	+0.00	+28,768.20	+22,930.951	+16,148.500
13	+0.01789	+29,927.96	+0.00	+29,342.80	+24,802.583	+87,827.990
14	+0.01968	+16,717.50	+0.00	+16,145.91	+27,284.227	+87,827.990
15	+0.02192	+44,302.33	+0.00	+43,462.24	+30,389.749	+70,820.490
16	+0.02262	+14,088.48	+0.00	+13,360.225	+31,360.225	+70,820.490
17	+0.02316	+11,711.42	+0.00	+11,497.13	+32,108.877	+70,820.490
18	+0.02317	+9,737.37	+0.00	+9,466.29	+32,122.741	+70,820.490
19	+0.02345	+15,735.66	+0.00	+15,325.89	+32,510.931	+36,999.490
20	+0.02343	+15,780.85	+0.00	+14,686.19	+32,483.203	+36,999.490
21	+0.02319	+12,661.88	+0.00	+11,847.22	+32,150.469	+36,999.490
22	+0.02308	+54,797.93	+0.00	+54,659.53	+31,997.966	+36,999.490
23	+0.02296	+42,980.17	+0.00	+42,553.89	+31,831.598	+36,999.490
24	+0.02296	+33,561.63	+0.00	+33,555.78	+31,831.598	+36,999.490
25	+0.02309	+33,272.26	+0.00	+33,241.54	+32,011.830	+52,208.990
26	+0.02296	+13,188.43	+0.00	+13,024.89	+31,831.598	+52,208.990
27	+0.02297	-770.59	+0.00	-851.99	+31,845.462	+44,167.500
28	+0.02304	-2,218.60	+0.00	-2,581.63	+31,942.510	+44,167.500
29	+0.02318	-6,313.59	+0.00	-6,722.08	+32,136.605	+44,167.500
30	+0.02326	-18,379.67	+0.00	-18,470.98	+32,247.517	+44,167.500
31	+0.02349	-41,865.69	+0.00	-41,980.11	+32,566.387	+214,076.500
32	+0.02424	-29,889.16	+0.00	-30,036.55	+33,606.182	+214,076.500
33	+0.02449	-57,811.43	+0.00	-57,817.30	+33,952.781	+409,500.490
34	+0.02462	-64,688.87	+0.00	-64,787.63	+34,133.012	+409,500.490
35	+0.02449	-67,145.51	+0.00	-67,233.56	+33,952.781	+464,835.490
36	+0.02444	-58,620.12	+0.00	-58,733.26	+33,883.461	+464,835.490
37	+0.02496	-3,330.06	+0.00	-3,679.98	+34,604.386	+64,903.990
38	+0.02491	-553.35	+0.00	-729.37	+34,535.066	+64,903.990
39	+0.02491	+33,370.02	+0.00	+32,963.01	+34,535.066	+39,679.490
40	+0.02441	+17,580.90	+0.00	+17,231.20	+33,841.869	+39,679.490
41	+0.02400	+18,998.06	+0.00	+18,647.09	+33,273.448	+7,998.990
42	+0.02320	+27,081.49	+0.00	+26,580.35	+32,164.333	+0.000

43	+0.02216	+30,074.17	+.00	+29,960.45	+30,722.484	+.000
44	+0.02086	+8,374.67	+.00	+8,171.79	+28,920.172	+.000
45	+0.01976	+16,280.66	+.00	+16,061.97	+27,395.139	+.000
46	+0.01861	-2,923.06	+.00	-3,024.45	+25,800.786	+.000
47	+0.01756	-9,707.55	+.00	-9,939.58	+24,345.073	+.000
48	+0.01741	+8,808.86	+.00	+8,686.65	+24,137.114	+.000

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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	+639.863	+0.000	+0.000	+1,731.725	+0.000	+8,243.667
02	+656.712	+0.000	+0.000	+1,777.326	+0.000	+8,460.745
03	+648.082	+0.000	+0.000	+1,753.970	+0.000	+8,349.558
04	+634.521	+0.000	+0.000	+1,717.266	+0.000	+8,174.837
05	+623.014	+0.000	+0.000	+1,686.124	+0.000	+8,026.589
06	+620.959	+0.000	+0.000	+1,680.563	+0.000	+8,000.116
07	+620.548	+0.000	+0.000	+1,679.451	+0.000	+7,994.821
08	+615.616	+0.000	+0.000	+1,666.104	+0.000	+7,931.286
09	+618.082	+0.000	+0.000	+1,672.778	+0.000	+7,963.054
10	+621.370	+0.000	+0.000	+1,681.675	+0.000	+8,005.410
11	+642.740	+0.000	+0.000	+1,739.511	+0.000	+8,280.729
12	+679.726	+0.000	+0.000	+1,839.611	+0.000	+8,757.241
13	+735.205	+0.000	+0.000	+1,989.760	+0.000	+9,472.010
14	+808.767	+0.000	+0.000	+2,188.847	+0.000	+10,419.741
15	+900.822	+0.000	+0.000	+2,437.984	+0.000	+11,605.727
16	+929.589	+0.000	+0.000	+2,515.840	+0.000	+11,976.348
17	+951.781	+0.000	+0.000	+2,575.900	+0.000	+12,262.256
18	+952.192	+0.000	+0.000	+2,577.012	+0.000	+12,267.550
19	+963.699	+0.000	+0.000	+2,608.154	+0.000	+12,415.799
20	+962.877	+0.000	+0.000	+2,605.930	+0.000	+12,405.209
21	+953.014	+0.000	+0.000	+2,579.236	+0.000	+12,278.139
22	+948.493	+0.000	+0.000	+2,567.002	+0.000	+12,219.899
23	+943.562	+0.000	+0.000	+2,553.655	+0.000	+12,156.364
24	+943.562	+0.000	+0.000	+2,553.655	+0.000	+12,156.364
25	+948.904	+0.000	+0.000	+2,568.114	+0.000	+12,225.194
26	+943.562	+0.000	+0.000	+2,553.655	+0.000	+12,156.364
27	+943.973	+0.000	+0.000	+2,554.768	+0.000	+12,161.659
28	+946.849	+0.000	+0.000	+2,562.553	+0.000	+12,198.721
29	+952.603	+0.000	+0.000	+2,578.124	+0.000	+12,272.845
30	+955.890	+0.000	+0.000	+2,587.022	+0.000	+12,315.201
31	+965.342	+0.000	+0.000	+2,612.603	+0.000	+12,436.977
32	+996.164	+0.000	+0.000	+2,696.019	+0.000	+12,834.071
33	+1,006.438	+0.000	+0.000	+2,723.825	+0.000	+12,966.435
34	+1,011.781	+0.000	+0.000	+2,738.284	+0.000	+13,035.265
35	+1,006.438	+0.000	+0.000	+2,723.825	+0.000	+12,966.435
36	+1,004.384	+0.000	+0.000	+2,718.264	+0.000	+12,939.962
37	+1,025.753	+0.000	+0.000	+2,776.099	+0.000	+13,215.281
38	+1,023.699	+0.000	+0.000	+2,770.538	+0.000	+13,188.808
39	+1,023.699	+0.000	+0.000	+2,770.538	+0.000	+13,188.808
40	+1,003.151	+0.000	+0.000	+2,714.927	+0.000	+12,924.079
41	+986.301	+0.000	+0.000	+2,669.326	+0.000	+12,707.001
42	+953.425	+0.000	+0.000	+2,580.349	+0.000	+12,283.434

43	+910.685	+.000	+.000	+2,464.678	+.000	+11,732.797
44	+857.260	+.000	+.000	+2,320.089	+.000	+11,044.501
45	+812.055	+.000	+.000	+2,197.745	+.000	+10,462.097
46	+764.795	+.000	+.000	+2,069.840	+.000	+9,853.220
47	+721.644	+.000	+.000	+1,953.057	+.000	+9,297.289
48	+715.479	+.000	+.000	+1,936.374	+.000	+9,217.870

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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	+35.762	+.000	+.000	+.000	+.000
02	+.000	+36.704	+.000	+.000	+.000	+.000
03	+.000	+36.221	+.000	+.000	+.000	+.000
04	+.000	+35.463	+.000	+.000	+.000	+.000
05	+.000	+34.820	+.000	+.000	+.000	+.000
06	+.000	+34.705	+.000	+.000	+.000	+.000
07	+.000	+34.682	+.000	+.000	+.000	+.000
08	+.000	+34.407	+.000	+.000	+.000	+.000
09	+.000	+34.544	+.000	+.000	+.000	+.000
10	+.000	+34.728	+.000	+.000	+.000	+.000
11	+.000	+35.923	+.000	+.000	+.000	+.000
12	+.000	+37.990	+.000	+.000	+.000	+.000
13	+.000	+41.090	+.000	+.000	+.000	+.000
14	+.000	+45.202	+.000	+.000	+.000	+.000
15	+.000	+50.347	+.000	+.000	+.000	+.000
16	+.000	+51.955	+.000	+.000	+.000	+.000
17	+.000	+53.195	+.000	+.000	+.000	+.000
18	+.000	+53.218	+.000	+.000	+.000	+.000
19	+.000	+53.861	+.000	+.000	+.000	+.000
20	+.000	+53.815	+.000	+.000	+.000	+.000
21	+.000	+53.264	+.000	+.000	+.000	+.000
22	+.000	+53.011	+.000	+.000	+.000	+.000
23	+.000	+52.735	+.000	+.000	+.000	+.000
24	+.000	+52.735	+.000	+.000	+.000	+.000
25	+.000	+53.034	+.000	+.000	+.000	+.000
26	+.000	+52.735	+.000	+.000	+.000	+.000
27	+.000	+52.758	+.000	+.000	+.000	+.000
28	+.000	+52.919	+.000	+.000	+.000	+.000
29	+.000	+53.241	+.000	+.000	+.000	+.000
30	+.000	+53.424	+.000	+.000	+.000	+.000
31	+.000	+53.953	+.000	+.000	+.000	+.000
32	+.000	+55.675	+.000	+.000	+.000	+.000
33	+.000	+56.250	+.000	+.000	+.000	+.000
34	+.000	+56.548	+.000	+.000	+.000	+.000
35	+.000	+56.250	+.000	+.000	+.000	+.000
36	+.000	+56.135	+.000	+.000	+.000	+.000
37	+.000	+57.329	+.000	+.000	+.000	+.000
38	+.000	+57.214	+.000	+.000	+.000	+.000
39	+.000	+57.214	+.000	+.000	+.000	+.000
40	+.000	+56.066	+.000	+.000	+.000	+.000
41	+.000	+55.124	+.000	+.000	+.000	+.000
42	+.000	+53.287	+.000	+.000	+.000	+.000

43	+.000	+50.898	+.000	+.000	+.000	+.000
44	+.000	+47.912	+.000	+.000	+.000	+.000
45	+.000	+45.386	+.000	+.000	+.000	+.000
46	+.000	+42.744	+.000	+.000	+.000	+.000
47	+.000	+40.333	+.000	+.000	+.000	+.000
48	+.000	+39.988	+.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	+76,763.936
02	+ .000	+88,652.977
03	+ .000	+63,196.319
04	+ .000	+50,748.135
05	+ .000	+32,521.475
06	+ .000	+34,995.011
07	+ .000	+68,345.277
08	+ .000	+49,869.601
09	+ .000	+63,671.609
10	+ .000	+57,917.796
11	+ .000	+86,208.449
12	+ .000	+79,162.219
13	+ .000	+154,211.439
14	+ .000	+144,720.684
15	+ .000	+159,667.359
16	+ .000	+131,301.526
17	+ .000	+130,269.628
18	+ .000	+128,259.493
19	+ .000	+100,877.823
20	+ .000	+100,196.714
21	+ .000	+96,860.832
22	+ .000	+139,445.391
23	+ .000	+127,091.295
24	+ .000	+118,093.185
25	+ .000	+133,257.605
26	+ .000	+112,771.795
27	+ .000	+90,874.129
28	+ .000	+89,289.422
29	+ .000	+85,438.837
30	+ .000	+73,855.575
31	+ .000	+220,731.652
32	+ .000	+234,228.062
33	+ .000	+402,388.919
34	+ .000	+395,687.749
35	+ .000	+448,307.659
36	+ .000	+456,704.435
37	+ .000	+112,902.858
38	+ .000	+115,749.945
39	+ .000	+124,217.825
40	+ .000	+107,450.781
41	+ .000	+76,337.280
42	+ .000	+74,615.177

43	+.000	+75,841.991
44	+.000	+51,361.725
45	+.000	+56,974.391
46	+.000	+35,506.935
47	+.000	+26,417.815
48	+.000	+44,733.475