

Date: 24/12/2019

Settlement Day:02/11/2018

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: 216

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,098,937.930	+17,406,387.320
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,075,423.550	+360,040,211.750
Balancing Services Contract Cost	+1,249,649.250	+206,645,592.390
Balancing Services Cost Variable	+136,346.160	+75,923,784.110
ESO Incentive Recovery Costs	+41,095.890	+8,876,712.240
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+103,968.480	+23,439,742.300
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+114,363,005.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+496,117.440
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	+114,363,005.760
Total External Costs	+2,608,780.170	+681,226,740.690
Total Adjusted Energy Volume (MWh)	+1,530,678.767	

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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	+25,028.131	+32,750.235	+1.30854
02	+25,216.202	+35,242.471	+1.39761
03	+25,298.438	+43,579.560	+1.72262
04	+25,278.051	+44,872.810	+1.77517
05	+25,209.180	+43,357.651	+1.71992
06	+24,999.602	+40,450.516	+1.61805
07	+24,769.475	+32,171.246	+1.29883
08	+24,477.913	+25,985.766	+1.06160
09	+24,449.834	+30,040.647	+1.22866
10	+24,672.800	+44,033.157	+1.78468
11	+25,317.901	+39,669.114	+1.56684
12	+26,578.936	+45,544.739	+1.71357
13	+28,777.585	+46,368.684	+1.61128
14	+31,321.247	+30,763.042	+0.98218
15	+34,624.719	+55,745.695	+1.61000
16	+35,811.994	+61,339.490	+1.71282
17	+35,934.326	+56,077.478	+1.56055
18	+35,485.861	+48,301.877	+1.36116
19	+35,475.078	+54,996.067	+1.55027
20	+34,965.820	+44,601.308	+1.27557
21	+34,507.384	+65,665.027	+1.90293
22	+34,075.544	+46,801.456	+1.37346
23	+33,920.136	+50,887.949	+1.50023
24	+33,758.387	+42,367.507	+1.25502
25	+33,353.028	+21,779.006	+0.65298
26	+32,952.134	+8,772.304	+0.26621
27	+33,117.657	+14,260.705	+0.43061
28	+33,426.332	+28,503.079	+0.85271
29	+34,072.262	+48,966.096	+1.43712
30	+34,501.070	+59,919.657	+1.73675
31	+35,054.627	+51,640.866	+1.47315
32	+36,307.954	+65,893.030	+1.81484
33	+36,703.212	+70,806.537	+1.92916
34	+38,766.100	+81,723.460	+2.10812
35	+40,208.785	+86,485.706	+2.15092
36	+40,082.908	+78,002.298	+1.94602
37	+39,728.589	+89,124.516	+2.24333
38	+38,812.486	+50,340.389	+1.29702
39	+38,287.031	+70,524.785	+1.84200
40	+36,955.820	+60,481.507	+1.63659
41	+35,847.265	+79,939.150	+2.22999
42	+34,277.205	+56,925.267	+1.66073

43	+32,825.270	+91,859.852	+2.79845
44	+31,037.665	+127,768.978	+4.11658
45	+29,490.842	+166,112.084	+5.63267
46	+27,486.665	+177,021.970	+6.44029
47	+24,398.944	+221,158.303	+9.06426
48	+23,030.372	+268,596.226	+11.66270

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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	+0.01635	+6,509.50	+0.00	+6,088.27	+20,431.765	-4,835.800
02	+0.01647	+8,576.72	+0.00	+8,349.33	+20,581.723	-4,835.800
03	+0.01653	+16,926.42	+0.00	+16,570.83	+20,656.702	-4,835.800
04	+0.01651	+18,152.88	+0.00	+17,902.61	+20,631.709	-4,835.800
05	+0.01647	+16,541.09	+0.00	+16,464.51	+20,581.723	-4,835.800
06	+0.01633	+13,927.78	+0.00	+13,827.08	+20,406.772	-4,835.800
07	+0.01618	+5,904.51	+0.00	+5,836.78	+20,219.325	-4,835.800
08	+0.01599	+88.22	+0.00	+17.33	+19,981.892	-4,835.800
09	+0.01597	+3,312.03	+0.00	+3,082.94	+19,956.899	-3,808.000
10	+0.01612	+17,122.62	+0.00	+16,786.48	+20,144.346	-3,808.000
11	+0.01654	+9,658.24	+0.00	+9,603.32	+20,669.199	-1,798.000
12	+0.01736	+13,957.58	+0.00	+13,899.24	+21,693.911	-1,798.000
13	+0.01880	+4,581.68	+0.00	+4,068.70	+23,493.406	+6,082.370
14	+0.02046	-14,192.26	+0.00	-14,734.88	+25,567.824	+6,082.370
15	+0.02262	+7,095.63	+0.00	+6,086.60	+28,267.066	+6,082.370
16	+0.02340	+10,313.04	+0.00	+10,177.75	+29,241.792	+6,082.370
17	+0.02348	+4,788.11	+0.00	+4,761.62	+29,341.764	+6,082.370
18	+0.02318	-2,259.60	+0.00	-2,436.04	+28,966.870	+6,082.370
19	+0.02318	+4,392.41	+0.00	+4,258.15	+28,966.870	+6,082.370
20	+0.02284	-5,350.41	+0.00	-5,481.61	+28,541.989	+6,082.370
21	+0.02254	+16,209.99	+0.00	+16,160.05	+28,167.094	+6,082.370
22	+0.02226	-2,036.92	+0.00	-2,164.11	+27,817.192	+6,082.370
23	+0.02216	+2,257.35	+0.00	+2,115.03	+27,692.227	+6,082.370
24	+0.02205	-6,192.65	+0.00	-6,193.50	+27,554.766	+6,082.370
25	+0.02179	-26,278.57	+0.00	-26,281.12	+27,229.857	+6,082.370
26	+0.02153	-38,786.27	+0.00	-38,786.94	+26,904.948	+6,082.370
27	+0.02164	-27,428.08	+0.00	-27,428.08	+27,042.410	+0.000
28	+0.02184	-13,431.97	+0.00	-13,571.00	+27,292.340	+0.000
29	+0.02226	+6,207.27	+0.00	+6,082.90	+27,817.192	+0.000
30	+0.02254	+16,522.45	+0.00	+16,497.05	+28,167.094	+0.000
31	+0.02290	+7,800.27	+0.00	+7,524.73	+28,616.968	+0.000
32	+0.02372	+20,353.27	+0.00	+20,197.19	+29,641.680	+0.000
33	+0.02398	+311.11	+0.00	+267.92	+29,966.589	+24,341.895
34	+0.02533	+8,801.10	+0.00	+8,584.11	+31,653.616	+24,341.895
35	+0.02627	+30,153.98	+0.00	+29,795.00	+32,828.286	+6,082.370
36	+0.02619	+21,611.70	+0.00	+21,465.71	+32,728.314	+6,082.370
37	+0.02595	+33,298.42	+0.00	+33,050.28	+32,428.398	+6,082.370
38	+0.02536	-4,415.05	+0.00	-4,597.23	+31,691.105	+6,082.370
39	+0.02501	+16,446.02	+0.00	+16,261.43	+31,253.728	+6,082.370
40	+0.02414	+8,666.61	+0.00	+7,894.18	+30,166.533	+6,082.370
41	+0.02342	+29,028.16	+0.00	+28,738.88	+29,266.785	+6,082.370
42	+0.02239	+14,402.60	+0.00	+13,791.63	+27,979.647	+0.000

43	+0.02144	+51,498.36	+.00	+50,556.36	+26,792.480	+.000
44	+0.02028	+90,267.61	+.00	+88,700.19	+25,342.887	+.000
45	+0.01927	+133,494.90	+.00	+131,115.53	+24,080.741	-2,126.500
46	+0.01796	+147,666.57	+.00	+144,549.09	+22,443.701	-2,126.500
47	+0.01594	+186,928.73	+.00	+183,408.39	+19,919.409	+7,042.000
48	+0.01505	+235,534.78	+.00	+232,560.87	+18,807.221	+7,042.000

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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	+671.918	+0.000	+0.000	+1,699.885	+0.000	+8,656.644
02	+676.849	+0.000	+0.000	+1,712.361	+0.000	+8,720.179
03	+679.315	+0.000	+0.000	+1,718.599	+0.000	+8,751.947
04	+678.493	+0.000	+0.000	+1,716.520	+0.000	+8,741.358
05	+676.849	+0.000	+0.000	+1,712.361	+0.000	+8,720.179
06	+671.096	+0.000	+0.000	+1,697.805	+0.000	+8,646.055
07	+664.932	+0.000	+0.000	+1,682.210	+0.000	+8,566.636
08	+657.123	+0.000	+0.000	+1,662.456	+0.000	+8,466.039
09	+656.301	+0.000	+0.000	+1,660.377	+0.000	+8,455.450
10	+662.466	+0.000	+0.000	+1,675.972	+0.000	+8,534.869
11	+679.726	+0.000	+0.000	+1,719.639	+0.000	+8,757.241
12	+713.425	+0.000	+0.000	+1,804.893	+0.000	+9,191.397
13	+772.603	+0.000	+0.000	+1,954.607	+0.000	+9,953.817
14	+840.822	+0.000	+0.000	+2,127.195	+0.000	+10,832.718
15	+929.589	+0.000	+0.000	+2,351.767	+0.000	+11,976.348
16	+961.644	+0.000	+0.000	+2,432.862	+0.000	+12,389.326
17	+964.931	+0.000	+0.000	+2,441.180	+0.000	+12,431.682
18	+952.603	+0.000	+0.000	+2,409.989	+0.000	+12,272.845
19	+952.603	+0.000	+0.000	+2,409.989	+0.000	+12,272.845
20	+938.630	+0.000	+0.000	+2,374.640	+0.000	+12,092.829
21	+926.301	+0.000	+0.000	+2,343.450	+0.000	+11,933.991
22	+914.795	+0.000	+0.000	+2,314.338	+0.000	+11,785.743
23	+910.685	+0.000	+0.000	+2,303.942	+0.000	+11,732.797
24	+906.164	+0.000	+0.000	+2,292.505	+0.000	+11,674.557
25	+895.479	+0.000	+0.000	+2,265.473	+0.000	+11,536.898
26	+884.795	+0.000	+0.000	+2,238.441	+0.000	+11,399.238
27	+889.315	+0.000	+0.000	+2,249.878	+0.000	+11,457.479
28	+897.534	+0.000	+0.000	+2,270.672	+0.000	+11,563.371
29	+914.795	+0.000	+0.000	+2,314.338	+0.000	+11,785.743
30	+926.301	+0.000	+0.000	+2,343.450	+0.000	+11,933.991
31	+941.096	+0.000	+0.000	+2,380.878	+0.000	+12,124.596
32	+974.795	+0.000	+0.000	+2,466.132	+0.000	+12,558.752
33	+985.479	+0.000	+0.000	+2,493.164	+0.000	+12,696.411
34	+1,040.959	+0.000	+0.000	+2,633.522	+0.000	+13,411.180
35	+1,079.589	+0.000	+0.000	+2,731.252	+0.000	+13,908.871
36	+1,076.301	+0.000	+0.000	+2,722.934	+0.000	+13,866.514
37	+1,066.438	+0.000	+0.000	+2,697.982	+0.000	+13,739.444
38	+1,042.192	+0.000	+0.000	+2,636.641	+0.000	+13,427.064
39	+1,027.808	+0.000	+0.000	+2,600.252	+0.000	+13,241.754
40	+992.055	+0.000	+0.000	+2,509.799	+0.000	+12,781.125
41	+962.466	+0.000	+0.000	+2,434.942	+0.000	+12,399.915
42	+920.137	+0.000	+0.000	+2,327.854	+0.000	+11,854.573

43	+881.096	+.000	+.000	+2,229.084	+.000	+11,351.587
44	+833.425	+.000	+.000	+2,108.481	+.000	+10,737.416
45	+791.918	+.000	+.000	+2,003.473	+.000	+10,202.663
46	+738.082	+.000	+.000	+1,867.274	+.000	+9,509.072
47	+655.068	+.000	+.000	+1,657.258	+.000	+8,439.566
48	+618.493	+.000	+.000	+1,564.726	+.000	+7,968.348

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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	+37.553	+.000	+.000	+.000	+.000
02	+.000	+37.829	+.000	+.000	+.000	+.000
03	+.000	+37.967	+.000	+.000	+.000	+.000
04	+.000	+37.921	+.000	+.000	+.000	+.000
05	+.000	+37.829	+.000	+.000	+.000	+.000
06	+.000	+37.507	+.000	+.000	+.000	+.000
07	+.000	+37.163	+.000	+.000	+.000	+.000
08	+.000	+36.726	+.000	+.000	+.000	+.000
09	+.000	+36.681	+.000	+.000	+.000	+.000
10	+.000	+37.025	+.000	+.000	+.000	+.000
11	+.000	+37.990	+.000	+.000	+.000	+.000
12	+.000	+39.873	+.000	+.000	+.000	+.000
13	+.000	+43.181	+.000	+.000	+.000	+.000
14	+.000	+46.993	+.000	+.000	+.000	+.000
15	+.000	+51.955	+.000	+.000	+.000	+.000
16	+.000	+53.746	+.000	+.000	+.000	+.000
17	+.000	+53.930	+.000	+.000	+.000	+.000
18	+.000	+53.241	+.000	+.000	+.000	+.000
19	+.000	+53.241	+.000	+.000	+.000	+.000
20	+.000	+52.460	+.000	+.000	+.000	+.000
21	+.000	+51.771	+.000	+.000	+.000	+.000
22	+.000	+51.128	+.000	+.000	+.000	+.000
23	+.000	+50.898	+.000	+.000	+.000	+.000
24	+.000	+50.645	+.000	+.000	+.000	+.000
25	+.000	+50.048	+.000	+.000	+.000	+.000
26	+.000	+49.451	+.000	+.000	+.000	+.000
27	+.000	+49.704	+.000	+.000	+.000	+.000
28	+.000	+50.163	+.000	+.000	+.000	+.000
29	+.000	+51.128	+.000	+.000	+.000	+.000
30	+.000	+51.771	+.000	+.000	+.000	+.000
31	+.000	+52.598	+.000	+.000	+.000	+.000
32	+.000	+54.481	+.000	+.000	+.000	+.000
33	+.000	+55.078	+.000	+.000	+.000	+.000
34	+.000	+58.179	+.000	+.000	+.000	+.000
35	+.000	+60.338	+.000	+.000	+.000	+.000
36	+.000	+60.154	+.000	+.000	+.000	+.000
37	+.000	+59.603	+.000	+.000	+.000	+.000
38	+.000	+58.248	+.000	+.000	+.000	+.000
39	+.000	+57.444	+.000	+.000	+.000	+.000
40	+.000	+55.446	+.000	+.000	+.000	+.000
41	+.000	+53.792	+.000	+.000	+.000	+.000
42	+.000	+51.426	+.000	+.000	+.000	+.000

43	+ .000	+49.244	+ .000	+ .000	+ .000	+ .000
44	+ .000	+46.580	+ .000	+ .000	+ .000	+ .000
45	+ .000	+44.260	+ .000	+ .000	+ .000	+ .000
46	+ .000	+41.251	+ .000	+ .000	+ .000	+ .000
47	+ .000	+36.612	+ .000	+ .000	+ .000	+ .000
48	+ .000	+34.567	+ .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(f)	Total Period BSUoS charges(f)
01	+ .000	+32,750.235
02	+ .000	+35,242.471
03	+ .000	+43,579.560
04	+ .000	+44,872.810
05	+ .000	+43,357.651
06	+ .000	+40,450.516
07	+ .000	+32,171.246
08	+ .000	+25,985.766
09	+ .000	+30,040.647
10	+ .000	+44,033.157
11	+ .000	+39,669.114
12	+ .000	+45,544.739
13	+ .000	+46,368.684
14	+ .000	+30,763.042
15	+ .000	+55,745.695
16	+ .000	+61,339.490
17	+ .000	+56,077.478
18	+ .000	+48,301.877
19	+ .000	+54,996.067
20	+ .000	+44,601.308
21	+ .000	+65,665.027
22	+ .000	+46,801.456
23	+ .000	+50,887.949
24	+ .000	+42,367.507
25	+ .000	+21,779.006
26	+ .000	+8,772.304
27	+ .000	+14,260.705
28	+ .000	+28,503.079
29	+ .000	+48,966.096
30	+ .000	+59,919.657
31	+ .000	+51,640.866
32	+ .000	+65,893.030
33	+ .000	+70,806.537
34	+ .000	+81,723.460
35	+ .000	+86,485.706
36	+ .000	+78,002.298
37	+ .000	+89,124.516
38	+ .000	+50,340.389
39	+ .000	+70,524.785
40	+ .000	+60,481.507
41	+ .000	+79,939.150
42	+ .000	+56,925.267

43	+.000	+91,859.852
44	+.000	+127,768.978
45	+.000	+166,112.084
46	+.000	+177,021.970
47	+.000	+221,158.303
48	+.000	+268,596.226