

Date: 17/01/2020

Settlement Day:23/11/2018

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: 237

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	-770,859.510	+46,855,413.310
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	-779,268.650	+389,045,226.990
Balancing Services Contract Cost	+996,018.320	+232,731,349.770
Balancing Services Cost Variable	+2,094,092.570	+97,315,439.300
ESO Incentive Recovery Costs	+41,095.890	+9,739,725.930
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+111,776.640	+25,869,327.130
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+125,481,631.320
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+544,351.080
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	+125,481,631.320
Total External Costs	+2,466,011.610	+761,050,000.660
Total Adjusted Energy Volume (MWh)	+1,747,864.810	

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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	+29,297.122	-23,603.252	-0.80565
02	+29,480.271	-6,808.351	-0.23095
03	+29,180.013	+11,011.653	+0.37737
04	+28,506.381	+19,232.007	+0.67466
05	+27,875.592	+35,577.995	+1.27631
06	+27,561.110	+36,508.188	+1.32463
07	+27,439.270	+35,704.473	+1.30122
08	+27,171.508	+30,060.856	+1.10634
09	+27,575.500	+22,521.855	+0.81673
10	+27,801.944	+16,479.719	+0.59275
11	+29,078.944	+23,380.430	+0.80403
12	+30,211.394	+28,157.524	+0.93202
13	+32,503.365	+69,768.587	+2.14650
14	+35,039.771	+59,928.083	+1.71029
15	+38,541.002	+109,236.025	+2.83428
16	+40,065.044	+109,979.707	+2.74503
17	+40,952.744	+117,949.687	+2.88014
18	+41,070.294	+107,154.492	+2.60905
19	+41,666.036	+96,898.102	+2.32559
20	+41,816.870	+108,245.564	+2.58856
21	+41,604.754	+128,560.896	+3.09005
22	+41,487.084	+122,983.687	+2.96438
23	+41,329.251	+127,810.109	+3.09249
24	+41,376.396	+128,632.232	+3.10883
25	+41,472.485	+124,233.941	+2.99558
26	+41,177.366	+117,329.191	+2.84936
27	+41,042.854	+88,904.329	+2.16613
28	+40,972.699	+90,311.953	+2.20420
29	+41,080.118	+82,686.022	+2.01280
30	+41,064.738	+88,617.796	+2.15800
31	+41,104.090	+64,858.785	+1.57792
32	+41,945.777	+80,539.145	+1.92008
33	+42,235.746	+39,883.339	+0.94430
34	+42,892.694	+22,668.844	+0.52850
35	+42,905.863	+30,142.966	+0.70254
36	+42,654.720	+37,238.179	+0.87301
37	+42,698.708	+38,899.013	+0.91101
38	+42,333.657	+53,592.637	+1.26596
39	+41,629.510	+66,342.309	+1.59364
40	+40,264.704	+52,149.815	+1.29517
41	+38,910.258	+49,142.171	+1.26296
42	+37,339.951	+25,055.970	+0.67102

43	+35,602.311	+33,213.880	+0.93291
44	+33,867.276	+42,417.110	+1.25245
45	+31,871.386	+58,715.647	+1.84227
46	+30,207.783	+77,691.494	+2.57190
47	+27,563.912	+60,376.453	+2.19042
48	+26,394.544	+55,105.520	+2.08776

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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	+0.01676	-51,768.48	+0.00	-51,770.88	+16,693.267	+0.000
02	+0.01687	-35,160.85	+0.00	-35,160.85	+16,802.829	+0.000
03	+0.01669	-17,038.33	+0.00	-17,038.33	+16,623.546	+0.000
04	+0.01631	-8,179.33	+0.00	-8,179.33	+16,245.059	+0.000
05	+0.01595	+8,773.48	+0.00	+8,771.69	+15,886.492	+0.000
06	+0.01577	+10,004.42	+0.00	+10,004.40	+15,707.209	+0.000
07	+0.01570	+9,319.06	+0.00	+9,318.33	+15,637.488	+0.000
08	+0.01555	+3,944.09	+0.00	+3,926.81	+15,488.085	+0.000
09	+0.01578	-3,866.55	+0.00	-3,998.74	+15,717.169	+0.000
10	+0.01591	-9,942.17	+0.00	-10,259.36	+15,846.651	+0.000
11	+0.01664	-13,367.34	+0.00	-14,170.52	+16,573.745	+9,585.000
12	+0.01728	-9,710.99	+0.00	-10,469.04	+17,211.197	+9,585.000
13	+0.01860	-29,592.97	+0.00	-29,725.42	+18,525.941	+68,233.990
14	+0.02005	-41,869.18	+0.00	-42,002.86	+19,970.167	+68,233.990
15	+0.02205	-39,660.42	+0.00	-39,788.21	+21,962.204	+111,965.990
16	+0.02292	-40,413.91	+0.00	-40,506.69	+22,828.740	+111,965.990
17	+0.02343	-31,464.41	+0.00	-31,778.34	+23,336.709	+110,350.490
18	+0.02350	-42,581.08	+0.00	-42,691.18	+23,406.431	+110,350.490
19	+0.02384	-24,744.81	+0.00	-24,908.99	+23,745.077	+81,740.490
20	+0.02392	-13,507.17	+0.00	-13,695.98	+23,824.758	+81,740.490
21	+0.02380	-13,113.24	+0.00	-13,220.97	+23,705.236	+101,782.490
22	+0.02374	-18,599.03	+0.00	-18,697.34	+23,645.475	+101,782.490
23	+0.02365	-28,397.74	+0.00	-28,476.16	+23,555.833	+116,538.990
24	+0.02367	-27,507.39	+0.00	-27,687.65	+23,575.754	+116,538.990
25	+0.02373	-19,932.84	+0.00	-20,065.78	+23,635.515	+104,417.990
26	+0.02356	-26,629.40	+0.00	-26,684.82	+23,466.192	+104,417.990
27	+0.02348	-27,883.94	+0.00	-28,243.24	+23,386.510	+77,686.000
28	+0.02344	-26,466.33	+0.00	-26,768.39	+23,346.669	+77,686.000
29	+0.02350	-26,467.04	+0.00	-26,775.41	+23,406.431	+69,966.250
30	+0.02349	-20,754.89	+0.00	-20,826.83	+23,396.470	+69,966.250
31	+0.02352	-27,299.24	+0.00	-27,378.51	+23,426.351	+52,708.500
32	+0.02400	-12,256.11	+0.00	-12,504.86	+23,904.440	+52,708.500
33	+0.02416	-26,420.06	+0.00	-26,420.06	+24,063.803	+25,698.990
34	+0.02454	-44,048.66	+0.00	-44,273.20	+24,442.290	+25,698.990
35	+0.02455	-56,631.91	+0.00	-56,667.40	+24,452.250	+45,550.505
36	+0.02440	-49,197.44	+0.00	-49,320.09	+24,302.847	+45,550.505
37	+0.02443	-31,451.21	+0.00	-31,469.86	+24,332.728	+29,310.690
38	+0.02422	-15,267.60	+0.00	-16,423.30	+24,123.564	+29,310.690
39	+0.02382	+18,497.27	+0.00	+18,310.33	+23,725.156	+7,998.990
40	+0.02304	+5,637.10	+0.00	+5,428.74	+22,948.262	+7,998.990
41	+0.02226	+3,949.78	+0.00	+3,732.00	+22,171.368	+7,998.990
42	+0.02136	-10,769.57	+0.00	-10,842.63	+21,274.951	+0.000

43	+0.02037	-907.39	+.00	-1,020.88	+20,288.893	+.000
44	+0.01938	+9,916.70	+.00	+9,846.19	+19,302.835	+.000
45	+0.01823	-1,920.31	+.00	-1,974.09	+18,157.414	+30,051.560
46	+0.01728	+18,911.44	+.00	+18,598.37	+17,211.197	+30,051.560
47	+0.01577	+34,621.69	+.00	+34,412.79	+15,707.209	-540.125
48	+0.01510	+30,354.79	+.00	+30,267.89	+15,039.877	-540.125

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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	+688.767	+0.000	+0.000	+1,873.376	+0.000	+8,873.722
02	+693.288	+0.000	+0.000	+1,885.672	+0.000	+8,931.963
03	+685.890	+0.000	+0.000	+1,865.552	+0.000	+8,836.660
04	+670.274	+0.000	+0.000	+1,823.077	+0.000	+8,635.466
05	+655.479	+0.000	+0.000	+1,782.837	+0.000	+8,444.861
06	+648.082	+0.000	+0.000	+1,762.718	+0.000	+8,349.558
07	+645.205	+0.000	+0.000	+1,754.893	+0.000	+8,312.496
08	+639.041	+0.000	+0.000	+1,738.127	+0.000	+8,233.077
09	+648.493	+0.000	+0.000	+1,763.835	+0.000	+8,354.853
10	+653.836	+0.000	+0.000	+1,778.366	+0.000	+8,423.683
11	+683.836	+0.000	+0.000	+1,859.963	+0.000	+8,810.187
12	+710.137	+0.000	+0.000	+1,931.500	+0.000	+9,149.040
13	+764.384	+0.000	+0.000	+2,079.046	+0.000	+9,847.925
14	+823.973	+0.000	+0.000	+2,241.122	+0.000	+10,615.640
15	+906.164	+0.000	+0.000	+2,464.675	+0.000	+11,674.557
16	+941.918	+0.000	+0.000	+2,561.921	+0.000	+12,135.186
17	+962.877	+0.000	+0.000	+2,618.927	+0.000	+12,405.209
18	+965.753	+0.000	+0.000	+2,626.751	+0.000	+12,442.271
19	+979.726	+0.000	+0.000	+2,664.755	+0.000	+12,622.287
20	+983.014	+0.000	+0.000	+2,673.697	+0.000	+12,664.644
21	+978.082	+0.000	+0.000	+2,660.284	+0.000	+12,601.109
22	+975.616	+0.000	+0.000	+2,653.577	+0.000	+12,569.341
23	+971.918	+0.000	+0.000	+2,643.518	+0.000	+12,521.690
24	+972.740	+0.000	+0.000	+2,645.753	+0.000	+12,532.279
25	+975.205	+0.000	+0.000	+2,652.460	+0.000	+12,564.047
26	+968.219	+0.000	+0.000	+2,633.458	+0.000	+12,474.039
27	+964.931	+0.000	+0.000	+2,624.516	+0.000	+12,431.682
28	+963.288	+0.000	+0.000	+2,620.044	+0.000	+12,410.504
29	+965.753	+0.000	+0.000	+2,626.751	+0.000	+12,442.271
30	+965.342	+0.000	+0.000	+2,625.633	+0.000	+12,436.977
31	+966.575	+0.000	+0.000	+2,628.987	+0.000	+12,452.861
32	+986.301	+0.000	+0.000	+2,682.639	+0.000	+12,707.001
33	+992.877	+0.000	+0.000	+2,700.524	+0.000	+12,791.714
34	+1,008.493	+0.000	+0.000	+2,742.999	+0.000	+12,992.908
35	+1,008.904	+0.000	+0.000	+2,744.117	+0.000	+12,998.203
36	+1,002.740	+0.000	+0.000	+2,727.350	+0.000	+12,918.784
37	+1,003.973	+0.000	+0.000	+2,730.703	+0.000	+12,934.668
38	+995.342	+0.000	+0.000	+2,707.230	+0.000	+12,823.481
39	+978.904	+0.000	+0.000	+2,662.520	+0.000	+12,611.698
40	+946.849	+0.000	+0.000	+2,575.334	+0.000	+12,198.721
41	+914.795	+0.000	+0.000	+2,488.148	+0.000	+11,785.743
42	+877.808	+0.000	+0.000	+2,387.549	+0.000	+11,309.231

43	+837.123	+.000	+.000	+2,276.890	+.000	+10,785.067
44	+796.438	+.000	+.000	+2,166.231	+.000	+10,260.903
45	+749.178	+.000	+.000	+2,037.688	+.000	+9,652.026
46	+710.137	+.000	+.000	+1,931.500	+.000	+9,149.040
47	+648.082	+.000	+.000	+1,762.718	+.000	+8,349.558
48	+620.548	+.000	+.000	+1,687.827	+.000	+7,994.821

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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	+38.495	+.000	+.000	+.000	+.000
02	+.000	+38.748	+.000	+.000	+.000	+.000
03	+.000	+38.334	+.000	+.000	+.000	+.000
04	+.000	+37.461	+.000	+.000	+.000	+.000
05	+.000	+36.635	+.000	+.000	+.000	+.000
06	+.000	+36.221	+.000	+.000	+.000	+.000
07	+.000	+36.060	+.000	+.000	+.000	+.000
08	+.000	+35.716	+.000	+.000	+.000	+.000
09	+.000	+36.244	+.000	+.000	+.000	+.000
10	+.000	+36.543	+.000	+.000	+.000	+.000
11	+.000	+38.219	+.000	+.000	+.000	+.000
12	+.000	+39.689	+.000	+.000	+.000	+.000
13	+.000	+42.721	+.000	+.000	+.000	+.000
14	+.000	+46.052	+.000	+.000	+.000	+.000
15	+.000	+50.645	+.000	+.000	+.000	+.000
16	+.000	+52.644	+.000	+.000	+.000	+.000
17	+.000	+53.815	+.000	+.000	+.000	+.000
18	+.000	+53.976	+.000	+.000	+.000	+.000
19	+.000	+54.757	+.000	+.000	+.000	+.000
20	+.000	+54.940	+.000	+.000	+.000	+.000
21	+.000	+54.665	+.000	+.000	+.000	+.000
22	+.000	+54.527	+.000	+.000	+.000	+.000
23	+.000	+54.320	+.000	+.000	+.000	+.000
24	+.000	+54.366	+.000	+.000	+.000	+.000
25	+.000	+54.504	+.000	+.000	+.000	+.000
26	+.000	+54.114	+.000	+.000	+.000	+.000
27	+.000	+53.930	+.000	+.000	+.000	+.000
28	+.000	+53.838	+.000	+.000	+.000	+.000
29	+.000	+53.976	+.000	+.000	+.000	+.000
30	+.000	+53.953	+.000	+.000	+.000	+.000
31	+.000	+54.022	+.000	+.000	+.000	+.000
32	+.000	+55.124	+.000	+.000	+.000	+.000
33	+.000	+55.492	+.000	+.000	+.000	+.000
34	+.000	+56.364	+.000	+.000	+.000	+.000
35	+.000	+56.387	+.000	+.000	+.000	+.000
36	+.000	+56.043	+.000	+.000	+.000	+.000
37	+.000	+56.112	+.000	+.000	+.000	+.000
38	+.000	+55.629	+.000	+.000	+.000	+.000
39	+.000	+54.711	+.000	+.000	+.000	+.000
40	+.000	+52.919	+.000	+.000	+.000	+.000
41	+.000	+51.128	+.000	+.000	+.000	+.000
42	+.000	+49.061	+.000	+.000	+.000	+.000



43	+.000	+46.787	+.000	+.000	+.000	+.000
44	+.000	+44.513	+.000	+.000	+.000	+.000
45	+.000	+41.871	+.000	+.000	+.000	+.000
46	+.000	+39.689	+.000	+.000	+.000	+.000
47	+.000	+36.221	+.000	+.000	+.000	+.000
48	+.000	+34.682	+.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	-23,603.252
02	+ .000	-6,808.351
03	+ .000	+11,011.653
04	+ .000	+19,232.007
05	+ .000	+35,577.995
06	+ .000	+36,508.188
07	+ .000	+35,704.473
08	+ .000	+30,060.856
09	+ .000	+22,521.855
10	+ .000	+16,479.719
11	+ .000	+23,380.430
12	+ .000	+28,157.524
13	+ .000	+69,768.587
14	+ .000	+59,928.083
15	+ .000	+109,236.025
16	+ .000	+109,979.707
17	+ .000	+117,949.687
18	+ .000	+107,154.492
19	+ .000	+96,898.102
20	+ .000	+108,245.564
21	+ .000	+128,560.896
22	+ .000	+122,983.687
23	+ .000	+127,810.109
24	+ .000	+128,632.232
25	+ .000	+124,233.941
26	+ .000	+117,329.191
27	+ .000	+88,904.329
28	+ .000	+90,311.953
29	+ .000	+82,686.022
30	+ .000	+88,617.796
31	+ .000	+64,858.785
32	+ .000	+80,539.145
33	+ .000	+39,883.339
34	+ .000	+22,668.844
35	+ .000	+30,142.966
36	+ .000	+37,238.179
37	+ .000	+38,899.013
38	+ .000	+53,592.637
39	+ .000	+66,342.309
40	+ .000	+52,149.815
41	+ .000	+49,142.171
42	+ .000	+25,055.970

43	+.000	+33,213.880
44	+.000	+42,417.110
45	+.000	+58,715.647
46	+.000	+77,691.494
47	+.000	+60,376.453
48	+.000	+55,105.520