

Date: 02/11/2020

Settlement Day:12/09/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 165

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,144,245.110	+243,471,478.550
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,127,125.810	+240,151,207.830
Balancing Services Contract Cost	+952,090.612	+149,483,548.418
Balancing Services Cost Variable	+414,005.230	+59,094,681.790
ESO Incentive Recovery Costs	+21,207.650	+6,248,265.950
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+0.000	+173,226.822
Black Start Availability Costs	+113,675.886	+19,020,073.099
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+135,971,721.600
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,040,806.800
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	+824,071.040	+135,971,721.600
Total External Costs	+2,634,413.108	+475,245,493.929
Total Adjusted Energy Volume (MWh)	+1,179,539.230	

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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	+19,256.242	+75,579.586	+3.92494
02	+18,587.579	+63,925.675	+3.43916
03	+18,613.933	+61,720.452	+3.31582
04	+18,525.036	+54,508.907	+2.94245
05	+18,279.237	+54,779.223	+2.99680
06	+17,947.898	+51,892.164	+2.89127
07	+17,785.251	+53,731.535	+3.02113
08	+17,692.921	+55,558.777	+3.14017
09	+17,773.269	+54,425.401	+3.06221
10	+17,873.765	+62,329.570	+3.48721
11	+18,179.258	+63,464.551	+3.49104
12	+19,205.689	+75,510.719	+3.93168
13	+21,554.551	+78,060.961	+3.62155
14	+24,049.381	+74,722.750	+3.10706
15	+26,159.756	+103,445.382	+3.95437
16	+27,012.567	+101,977.766	+3.77520
17	+27,219.463	+85,189.570	+3.12973
18	+27,150.696	+70,772.169	+2.60664
19	+27,795.915	+65,951.593	+2.37271
20	+27,486.140	+63,715.107	+2.31808
21	+27,232.511	+64,860.683	+2.38174
22	+26,757.108	+66,281.688	+2.47716
23	+26,585.468	+63,105.539	+2.37369
24	+26,530.384	+69,563.041	+2.62201
25	+26,657.533	+64,829.860	+2.43195
26	+26,439.611	+59,600.287	+2.25420
27	+26,144.593	+53,073.448	+2.03000
28	+25,619.854	+54,991.680	+2.14645
29	+25,497.594	+52,273.424	+2.05013
30	+25,315.741	+54,645.348	+2.15855
31	+25,478.652	+70,417.977	+2.76380
32	+26,103.581	+68,558.664	+2.62641
33	+26,786.195	+79,107.669	+2.95330
34	+27,802.187	+88,098.593	+3.16876
35	+28,941.152	+88,023.925	+3.04148
36	+29,348.349	+90,800.075	+3.09387
37	+29,629.600	+89,851.550	+3.03249
38	+29,812.646	+90,042.123	+3.02027
39	+29,885.628	+90,469.868	+3.02720
40	+30,290.347	+88,186.358	+2.91137
41	+29,855.767	+87,376.417	+2.92662
42	+28,886.807	+86,220.858	+2.98478

43	+27,849.083	+85,359.157	+3.06506
44	+26,380.062	+74,419.905	+2.82107
45	+25,220.180	+74,813.509	+2.96641
46	+23,669.365	+60,957.427	+2.57537
47	+22,076.133	+82,778.930	+3.74970
48	+20,594.552	+88,571.805	+4.30074

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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	+0.01633	+31,309.19	+0.00	+30,637.01	+15,547.640	+13,632.200
02	+0.01576	+20,321.23	+0.00	+20,075.99	+15,004.948	+13,632.200
03	+0.01578	+17,817.75	+0.00	+17,499.42	+15,023.990	+13,965.200
04	+0.01571	+10,526.86	+0.00	+10,422.09	+14,957.344	+13,965.200
05	+0.01550	+10,854.34	+0.00	+10,811.70	+14,757.404	+14,248.550
06	+0.01522	+8,532.33	+0.00	+8,461.50	+14,490.819	+14,248.550
07	+0.01508	+9,141.41	+0.00	+9,055.00	+14,357.526	+15,762.850
08	+0.01500	+11,116.99	+0.00	+11,035.63	+14,281.359	+15,762.850
09	+0.01507	+12,444.15	+0.00	+12,253.14	+14,348.006	+13,277.750
10	+0.01515	+20,433.98	+0.00	+20,003.92	+14,424.173	+13,277.750
11	+0.01541	+21,650.75	+0.00	+20,613.79	+14,671.716	+13,304.350
12	+0.01628	+31,441.85	+0.00	+30,991.86	+15,500.035	+13,304.350
13	+0.01827	+23,502.26	+0.00	+22,770.67	+17,394.695	+20,260.250
14	+0.02039	+10,851.02	+0.00	+10,281.96	+19,413.128	+25,345.960
15	+0.02218	+41,709.78	+0.00	+40,863.35	+21,117.370	+20,055.140
16	+0.02290	+38,126.27	+0.00	+38,015.24	+21,802.875	+20,055.140
17	+0.02308	+35,901.78	+0.00	+35,851.35	+21,974.251	+5,085.710
18	+0.02302	+21,790.31	+0.00	+21,548.99	+21,917.126	+5,085.710
19	+0.02357	+15,838.50	+0.00	+15,673.87	+22,440.776	+5,085.710
20	+0.02330	+14,127.52	+0.00	+13,955.07	+22,183.711	+5,085.710
21	+0.02309	+15,759.82	+0.00	+15,503.29	+21,983.772	+5,085.710
22	+0.02268	+17,864.08	+0.00	+17,710.41	+21,593.415	+5,085.710
23	+0.02254	+14,885.20	+0.00	+14,802.69	+21,460.122	+5,085.710
24	+0.02249	+21,666.61	+0.00	+21,356.06	+21,412.518	+5,085.710
25	+0.02260	+16,725.80	+0.00	+16,411.97	+21,517.248	+5,085.710
26	+0.02242	+11,529.61	+0.00	+11,527.52	+21,345.872	+5,085.710
27	+0.02217	+11,073.61	+0.00	+10,565.73	+21,107.849	+0.000
28	+0.02172	+13,354.84	+0.00	+13,346.77	+20,679.408	+0.000
29	+0.02162	+10,907.22	+0.00	+10,820.25	+20,584.199	+0.000
30	+0.02146	+14,043.75	+0.00	+13,498.95	+20,431.865	+0.000
31	+0.02160	+21,546.21	+0.00	+20,337.84	+20,565.157	+8,665.310
32	+0.02213	+18,527.10	+0.00	+17,462.33	+21,069.765	+8,665.310
33	+0.02271	+19,949.23	+0.00	+19,707.37	+21,621.978	+15,857.210
34	+0.02357	+27,501.51	+0.00	+27,049.37	+22,440.776	+15,857.210
35	+0.02454	+36,305.51	+0.00	+35,886.37	+23,364.304	+5,085.710
36	+0.02488	+38,282.06	+0.00	+38,010.62	+23,688.014	+5,085.710
37	+0.02512	+36,713.80	+0.00	+36,601.93	+23,916.516	+5,085.710
38	+0.02527	+36,970.89	+0.00	+36,504.90	+24,059.330	+5,085.710
39	+0.02534	+37,458.76	+0.00	+36,798.43	+24,125.976	+5,085.710
40	+0.02568	+34,361.46	+0.00	+33,863.02	+24,449.687	+5,085.710
41	+0.02531	+33,935.97	+0.00	+33,762.50	+24,097.413	+5,085.710
42	+0.02449	+34,523.27	+0.00	+34,179.17	+23,316.699	+5,085.710

43	+0.02361	+40,955.59	+ .00	+40,417.95	+22,478.859	-327.500
44	+0.02236	+32,219.47	+ .00	+31,875.39	+21,288.746	-327.500
45	+0.02138	+36,100.66	+ .00	+35,371.19	+20,355.697	-1,550.690
46	+0.02007	+24,364.48	+ .00	+24,026.84	+19,108.459	-1,550.690
47	+0.01872	+35,676.02	+ .00	+35,348.33	+17,823.136	+11,537.750
48	+0.01746	+43,604.31	+ .00	+43,557.07	+16,623.502	+11,537.750

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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	+346.321	+0.000	+0.000	+1,856.327	+0.000	+13,457.080
02	+334.233	+0.000	+0.000	+1,791.532	+0.000	+12,987.360
03	+334.657	+0.000	+0.000	+1,793.805	+0.000	+13,003.841
04	+333.172	+0.000	+0.000	+1,785.848	+0.000	+12,946.156
05	+328.719	+0.000	+0.000	+1,761.976	+0.000	+12,773.101
06	+322.780	+0.000	+0.000	+1,730.147	+0.000	+12,542.361
07	+319.811	+0.000	+0.000	+1,714.232	+0.000	+12,426.991
08	+318.115	+0.000	+0.000	+1,705.138	+0.000	+12,361.066
09	+319.599	+0.000	+0.000	+1,713.096	+0.000	+12,418.751
10	+321.296	+0.000	+0.000	+1,722.190	+0.000	+12,484.676
11	+326.810	+0.000	+0.000	+1,751.745	+0.000	+12,698.935
12	+345.261	+0.000	+0.000	+1,850.643	+0.000	+13,415.877
13	+387.464	+0.000	+0.000	+2,076.858	+0.000	+15,055.778
14	+432.424	+0.000	+0.000	+2,317.851	+0.000	+16,802.809
15	+470.386	+0.000	+0.000	+2,521.331	+0.000	+18,277.896
16	+485.655	+0.000	+0.000	+2,603.178	+0.000	+18,871.227
17	+489.473	+0.000	+0.000	+2,623.639	+0.000	+19,019.560
18	+488.200	+0.000	+0.000	+2,616.819	+0.000	+18,970.115
19	+499.864	+0.000	+0.000	+2,679.341	+0.000	+19,423.354
20	+494.138	+0.000	+0.000	+2,648.648	+0.000	+19,200.855
21	+489.685	+0.000	+0.000	+2,624.776	+0.000	+19,027.800
22	+480.990	+0.000	+0.000	+2,578.169	+0.000	+18,689.931
23	+478.020	+0.000	+0.000	+2,562.254	+0.000	+18,574.561
24	+476.960	+0.000	+0.000	+2,556.571	+0.000	+18,533.358
25	+479.293	+0.000	+0.000	+2,569.075	+0.000	+18,624.006
26	+475.476	+0.000	+0.000	+2,548.613	+0.000	+18,475.673
27	+470.174	+0.000	+0.000	+2,520.194	+0.000	+18,269.655
28	+460.630	+0.000	+0.000	+2,469.040	+0.000	+17,898.823
29	+458.509	+0.000	+0.000	+2,457.673	+0.000	+17,816.416
30	+455.116	+0.000	+0.000	+2,439.485	+0.000	+17,684.565
31	+458.085	+0.000	+0.000	+2,455.399	+0.000	+17,799.934
32	+469.325	+0.000	+0.000	+2,515.647	+0.000	+18,236.692
33	+481.626	+0.000	+0.000	+2,581.579	+0.000	+18,714.653
34	+499.864	+0.000	+0.000	+2,679.341	+0.000	+19,423.354
35	+520.436	+0.000	+0.000	+2,789.606	+0.000	+20,222.703
36	+527.646	+0.000	+0.000	+2,828.256	+0.000	+20,502.887
37	+532.736	+0.000	+0.000	+2,855.538	+0.000	+20,700.665
38	+535.917	+0.000	+0.000	+2,872.590	+0.000	+20,824.275
39	+537.402	+0.000	+0.000	+2,880.547	+0.000	+20,881.960
40	+544.612	+0.000	+0.000	+2,919.197	+0.000	+21,162.144
41	+536.766	+0.000	+0.000	+2,877.137	+0.000	+20,857.238
42	+519.375	+0.000	+0.000	+2,783.922	+0.000	+20,181.500

43	+500.713	+.000	+.000	+2,683.888	+.000	+19,456.317
44	+474.203	+.000	+.000	+2,541.793	+.000	+18,426.228
45	+453.420	+.000	+.000	+2,430.390	+.000	+17,618.639
46	+425.638	+.000	+.000	+2,281.475	+.000	+16,539.106
47	+397.007	+.000	+.000	+2,128.013	+.000	+15,426.610
48	+370.286	+.000	+.000	+1,984.781	+.000	+14,388.280

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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	+103.008	+.000	+.000	+.000	+.000
02	+.000	+99.413	+.000	+.000	+.000	+.000
03	+.000	+99.539	+.000	+.000	+.000	+.000
04	+.000	+99.097	+.000	+.000	+.000	+.000
05	+.000	+97.773	+.000	+.000	+.000	+.000
06	+.000	+96.007	+.000	+.000	+.000	+.000
07	+.000	+95.123	+.000	+.000	+.000	+.000
08	+.000	+94.619	+.000	+.000	+.000	+.000
09	+.000	+95.060	+.000	+.000	+.000	+.000
10	+.000	+95.565	+.000	+.000	+.000	+.000
11	+.000	+97.205	+.000	+.000	+.000	+.000
12	+.000	+102.693	+.000	+.000	+.000	+.000
13	+.000	+115.246	+.000	+.000	+.000	+.000
14	+.000	+128.618	+.000	+.000	+.000	+.000
15	+.000	+139.910	+.000	+.000	+.000	+.000
16	+.000	+144.451	+.000	+.000	+.000	+.000
17	+.000	+145.587	+.000	+.000	+.000	+.000
18	+.000	+145.208	+.000	+.000	+.000	+.000
19	+.000	+148.678	+.000	+.000	+.000	+.000
20	+.000	+146.975	+.000	+.000	+.000	+.000
21	+.000	+145.650	+.000	+.000	+.000	+.000
22	+.000	+143.064	+.000	+.000	+.000	+.000
23	+.000	+142.181	+.000	+.000	+.000	+.000
24	+.000	+141.865	+.000	+.000	+.000	+.000
25	+.000	+142.559	+.000	+.000	+.000	+.000
26	+.000	+141.424	+.000	+.000	+.000	+.000
27	+.000	+139.847	+.000	+.000	+.000	+.000
28	+.000	+137.008	+.000	+.000	+.000	+.000
29	+.000	+136.377	+.000	+.000	+.000	+.000
30	+.000	+135.368	+.000	+.000	+.000	+.000
31	+.000	+136.251	+.000	+.000	+.000	+.000
32	+.000	+139.594	+.000	+.000	+.000	+.000
33	+.000	+143.253	+.000	+.000	+.000	+.000
34	+.000	+148.678	+.000	+.000	+.000	+.000
35	+.000	+154.796	+.000	+.000	+.000	+.000
36	+.000	+156.941	+.000	+.000	+.000	+.000
37	+.000	+158.455	+.000	+.000	+.000	+.000
38	+.000	+159.401	+.000	+.000	+.000	+.000
39	+.000	+159.843	+.000	+.000	+.000	+.000
40	+.000	+161.987	+.000	+.000	+.000	+.000
41	+.000	+159.653	+.000	+.000	+.000	+.000
42	+.000	+154.481	+.000	+.000	+.000	+.000

43	+.000	+148.930	+.000	+.000	+.000	+.000
44	+.000	+141.045	+.000	+.000	+.000	+.000
45	+.000	+134.863	+.000	+.000	+.000	+.000
46	+.000	+126.600	+.000	+.000	+.000	+.000
47	+.000	+118.084	+.000	+.000	+.000	+.000
48	+.000	+110.136	+.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	+75,579.586
02	+ .000	+63,925.675
03	+ .000	+61,720.452
04	+ .000	+54,508.907
05	+ .000	+54,779.223
06	+ .000	+51,892.164
07	+ .000	+53,731.535
08	+ .000	+55,558.777
09	+ .000	+54,425.401
10	+ .000	+62,329.570
11	+ .000	+63,464.551
12	+ .000	+75,510.719
13	+ .000	+78,060.961
14	+ .000	+74,722.750
15	+ .000	+103,445.382
16	+ .000	+101,977.766
17	+ .000	+85,189.570
18	+ .000	+70,772.169
19	+ .000	+65,951.593
20	+ .000	+63,715.107
21	+ .000	+64,860.683
22	+ .000	+66,281.688
23	+ .000	+63,105.539
24	+ .000	+69,563.041
25	+ .000	+64,829.860
26	+ .000	+59,600.287
27	+ .000	+53,073.448
28	+ .000	+54,991.680
29	+ .000	+52,273.424
30	+ .000	+54,645.348
31	+ .000	+70,417.977
32	+ .000	+68,558.664
33	+ .000	+79,107.669
34	+ .000	+88,098.593
35	+ .000	+88,023.925
36	+ .000	+90,800.075
37	+ .000	+89,851.550
38	+ .000	+90,042.123
39	+ .000	+90,469.868
40	+ .000	+88,186.358
41	+ .000	+87,376.417
42	+ .000	+86,220.858

43	+.000	+85,359.157
44	+.000	+74,419.905
45	+.000	+74,813.509
46	+.000	+60,957.427
47	+.000	+82,778.930
48	+.000	+88,571.805