

Date: 17/12/2019

Settlement Day:09/12/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 253

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,411,742.280	+32,287,427.250
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,363,063.050	+438,032,621.970
Balancing Services Contract Cost	+936,842.952	+184,685,893.996
Balancing Services Cost Variable	+257,674.430	+113,012,757.345
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+31,189,767.066
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+208,489,973.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,044,490.260
ESO Incentive Recovery t-1	+80,000.000	+3,760,000.000
ALoMCP Recovery	-81,709.830	-3,840,362.010
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+208,489,973.120
Total External Costs	+5,683,286.693	+775,467,136.477
Total Adjusted Energy Volume (MWh)	+1,504,706.351	

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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	+22,745.607	+159,132.638	+6.99619
02	+23,117.766	+158,358.087	+6.85006
03	+23,612.427	+192,610.192	+8.15715
04	+23,356.549	+210,875.976	+9.02856
05	+22,801.369	+221,867.267	+9.73044
06	+22,654.327	+232,388.951	+10.25804
07	+22,376.332	+230,796.153	+10.31430
08	+22,188.348	+230,536.969	+10.39000
09	+22,043.420	+239,637.147	+10.87114
10	+22,164.112	+246,657.026	+11.12867
11	+22,431.813	+260,095.368	+11.59493
12	+23,268.571	+247,191.349	+10.62340
13	+25,578.671	+227,560.294	+8.89649
14	+28,352.782	+221,180.576	+7.80102
15	+30,931.346	+193,969.562	+6.27097
16	+32,788.754	+170,329.535	+5.19475
17	+33,412.700	+113,177.716	+3.38727
18	+33,534.632	+112,174.915	+3.34505
19	+33,869.454	+106,658.422	+3.14910
20	+33,672.038	+109,297.731	+3.24595
21	+33,286.539	+95,024.390	+2.85474
22	+33,069.398	+88,826.853	+2.68607
23	+32,889.850	+89,957.149	+2.73510
24	+32,588.639	+90,150.985	+2.76633
25	+32,697.298	+89,531.148	+2.73818
26	+32,725.894	+91,525.591	+2.79673
27	+32,800.882	+95,970.282	+2.92584
28	+33,353.226	+82,714.231	+2.47995
29	+33,940.889	+89,200.173	+2.62810
30	+34,697.057	+86,555.603	+2.49461
31	+36,347.785	+77,271.715	+2.12590
32	+38,018.170	+91,704.154	+2.41211
33	+39,960.159	+157,418.424	+3.93938
34	+40,819.207	+148,473.657	+3.63735
35	+41,257.398	+146,373.907	+3.54782
36	+41,231.290	+151,010.195	+3.66251
37	+40,823.310	+131,866.967	+3.23019
38	+40,412.162	+100,592.210	+2.48916
39	+39,930.822	+93,627.092	+2.34473
40	+39,237.314	+65,733.466	+1.67528
41	+37,980.997	+69,698.485	+1.83509
42	+36,148.475	+65,469.138	+1.81112

43	+34,395.582	+66,613.609	+1.93669
44	+32,321.606	+53,554.413	+1.65692
45	+30,752.548	+61,625.268	+2.00391
46	+28,476.878	+61,445.801	+2.15774
47	+25,502.310	+71,096.043	+2.78783
48	+24,139.648	+109,925.239	+4.55372

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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	+0.01512	+129,821.01	+0.00	+128,664.14	+14,165.065	+1,942.800
02	+0.01536	+130,137.58	+0.00	+127,436.80	+14,389.908	+1,942.800
03	+0.01569	+160,574.31	+0.00	+158,487.54	+14,699.066	+4,521.580
04	+0.01552	+178,808.86	+0.00	+177,074.05	+14,539.803	+4,521.580
05	+0.01515	+194,837.69	+0.00	+190,626.99	+14,193.171	+2,657.980
06	+0.01506	+203,475.45	+0.00	+201,318.47	+14,108.855	+2,657.980
07	+0.01487	+202,816.76	+0.00	+200,996.80	+13,930.855	+1,745.310
08	+0.01475	+201,912.43	+0.00	+200,964.01	+13,818.434	+1,745.310
09	+0.01465	+202,923.09	+0.00	+201,038.75	+13,724.749	+10,959.410
10	+0.01473	+209,048.15	+0.00	+207,907.70	+13,799.697	+10,959.410
11	+0.01491	+209,536.67	+0.00	+208,137.42	+13,968.328	+23,828.440
12	+0.01546	+195,958.56	+0.00	+194,195.76	+14,483.592	+23,828.440
13	+0.01700	+191,331.86	+0.00	+189,398.14	+15,926.330	+6,089.610
14	+0.01884	+182,184.50	+0.00	+179,547.04	+17,650.121	+6,089.610
15	+0.02056	+126,986.54	+0.00	+124,946.49	+19,261.491	+30,234.160
16	+0.02179	+100,591.66	+0.00	+98,985.92	+20,413.808	+30,234.160
17	+0.02221	+66,044.29	+0.00	+65,186.27	+20,807.282	+6,089.610
18	+0.02229	+64,295.57	+0.00	+64,032.54	+20,882.229	+6,089.610
19	+0.02251	+58,372.12	+0.00	+58,100.99	+21,088.335	+6,089.610
20	+0.02238	+61,210.80	+0.00	+60,985.56	+20,966.545	+6,089.610
21	+0.02212	+47,553.74	+0.00	+47,202.74	+20,722.966	+6,089.610
22	+0.02198	+41,491.73	+0.00	+41,269.33	+20,591.808	+6,089.610
23	+0.02186	+43,004.27	+0.00	+42,626.02	+20,479.387	+6,089.610
24	+0.02166	+43,285.99	+0.00	+43,197.18	+20,292.018	+6,089.610
25	+0.02173	+43,622.96	+0.00	+43,312.96	+20,357.597	+5,221.930
26	+0.02175	+45,642.13	+0.00	+45,269.67	+20,376.334	+5,221.930
27	+0.02180	+55,806.44	+0.00	+54,841.96	+20,423.176	+0.000
28	+0.02217	+41,685.35	+0.00	+40,887.86	+20,769.808	+0.000
29	+0.02256	+46,929.50	+0.00	+46,638.02	+21,135.177	+0.000
30	+0.02306	+43,180.78	+0.00	+43,050.14	+21,603.598	+0.000
31	+0.02416	+32,040.65	+0.00	+31,690.97	+22,634.126	+0.000
32	+0.02527	+44,877.58	+0.00	+44,029.26	+23,674.021	+0.000
33	+0.02656	+102,860.58	+0.00	+102,087.86	+24,882.549	+5,221.930
34	+0.02713	+92,315.05	+0.00	+92,067.72	+25,416.549	+5,221.930
35	+0.02742	+89,685.89	+0.00	+89,420.85	+25,688.234	+5,221.930
36	+0.02740	+94,313.04	+0.00	+94,094.87	+25,669.497	+5,221.930
37	+0.02713	+75,786.53	+0.00	+75,461.03	+25,416.549	+5,221.930
38	+0.02686	+45,522.02	+0.00	+44,695.66	+25,163.602	+5,221.930
39	+0.02654	+39,130.86	+0.00	+38,334.26	+24,863.812	+5,221.930
40	+0.02608	+11,725.73	+0.00	+11,308.48	+24,432.864	+5,221.930
41	+0.02524	+17,786.61	+0.00	+16,858.26	+23,645.916	+5,221.930
42	+0.02402	+20,537.19	+0.00	+20,152.52	+22,502.968	+0.000

43	+0.02286	+23,985.77	+ .00	+23,485.47	+21,416.230	+ .000
44	+0.02148	+13,716.29	+ .00	+13,029.81	+20,123.387	+ .000
45	+0.02044	+23,762.82	+ .00	+23,062.75	+19,149.070	+ .000
46	+0.01893	+26,213.21	+ .00	+25,732.08	+17,734.437	+ .000
47	+0.01695	+46,343.76	+ .00	+45,338.96	+15,879.488	-6,221.130
48	+0.01604	+88,067.91	+ .00	+85,884.98	+15,026.961	-6,221.130

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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	+0.000	+0.000	+0.000	+1,864.110	+0.000	+12,459.954
02	+0.000	+0.000	+0.000	+1,893.699	+0.000	+12,657.731
03	+0.000	+0.000	+0.000	+1,934.384	+0.000	+12,929.675
04	+0.000	+0.000	+0.000	+1,913.425	+0.000	+12,789.583
05	+0.000	+0.000	+0.000	+1,867.808	+0.000	+12,484.676
06	+0.000	+0.000	+0.000	+1,856.712	+0.000	+12,410.510
07	+0.000	+0.000	+0.000	+1,833.288	+0.000	+12,253.936
08	+0.000	+0.000	+0.000	+1,818.493	+0.000	+12,155.048
09	+0.000	+0.000	+0.000	+1,806.164	+0.000	+12,072.641
10	+0.000	+0.000	+0.000	+1,816.027	+0.000	+12,138.566
11	+0.000	+0.000	+0.000	+1,838.219	+0.000	+12,286.899
12	+0.000	+0.000	+0.000	+1,906.027	+0.000	+12,740.138
13	+0.000	+0.000	+0.000	+2,095.890	+0.000	+14,009.208
14	+0.000	+0.000	+0.000	+2,322.740	+0.000	+15,525.498
15	+0.000	+0.000	+0.000	+2,534.795	+0.000	+16,942.901
16	+0.000	+0.000	+0.000	+2,686.438	+0.000	+17,956.508
17	+0.000	+0.000	+0.000	+2,738.219	+0.000	+18,302.618
18	+0.000	+0.000	+0.000	+2,748.082	+0.000	+18,368.543
19	+0.000	+0.000	+0.000	+2,775.205	+0.000	+18,549.839
20	+0.000	+0.000	+0.000	+2,759.178	+0.000	+18,442.710
21	+0.000	+0.000	+0.000	+2,727.123	+0.000	+18,228.451
22	+0.000	+0.000	+0.000	+2,709.863	+0.000	+18,113.081
23	+0.000	+0.000	+0.000	+2,695.068	+0.000	+18,014.193
24	+0.000	+0.000	+0.000	+2,670.411	+0.000	+17,849.379
25	+0.000	+0.000	+0.000	+2,679.041	+0.000	+17,907.064
26	+0.000	+0.000	+0.000	+2,681.507	+0.000	+17,923.545
27	+0.000	+0.000	+0.000	+2,687.671	+0.000	+17,964.749
28	+0.000	+0.000	+0.000	+2,733.288	+0.000	+18,269.655
29	+0.000	+0.000	+0.000	+2,781.370	+0.000	+18,591.043
30	+0.000	+0.000	+0.000	+2,843.014	+0.000	+19,003.078
31	+0.000	+0.000	+0.000	+2,978.630	+0.000	+19,909.556
32	+0.000	+0.000	+0.000	+3,115.479	+0.000	+20,824.275
33	+0.000	+0.000	+0.000	+3,274.521	+0.000	+21,887.327
34	+0.000	+0.000	+0.000	+3,344.795	+0.000	+22,357.047
35	+0.000	+0.000	+0.000	+3,380.548	+0.000	+22,596.028
36	+0.000	+0.000	+0.000	+3,378.082	+0.000	+22,579.546
37	+0.000	+0.000	+0.000	+3,344.795	+0.000	+22,357.047
38	+0.000	+0.000	+0.000	+3,311.507	+0.000	+22,134.548
39	+0.000	+0.000	+0.000	+3,272.055	+0.000	+21,870.845
40	+0.000	+0.000	+0.000	+3,215.342	+0.000	+21,491.773
41	+0.000	+0.000	+0.000	+3,111.781	+0.000	+20,799.553
42	+0.000	+0.000	+0.000	+2,961.370	+0.000	+19,794.186

43	+.000	+.000	+.000	+2,818.356	+.000	+18,838.264
44	+.000	+.000	+.000	+2,648.219	+.000	+17,701.046
45	+.000	+.000	+.000	+2,520.000	+.000	+16,844.012
46	+.000	+.000	+.000	+2,333.836	+.000	+15,599.665
47	+.000	+.000	+.000	+2,089.726	+.000	+13,968.004
48	+.000	+.000	+.000	+1,977.534	+.000	+13,218.099

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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	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+62.422	+1,209.600	-1,235.453	+.000
02	+.000	+.000	+63.413	+1,228.800	-1,255.063	+.000
03	+.000	+.000	+64.775	+1,255.200	-1,282.027	+.000
04	+.000	+.000	+64.073	+1,241.600	-1,268.137	+.000
05	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
06	+.000	+.000	+62.174	+1,204.800	-1,230.550	+.000
07	+.000	+.000	+61.390	+1,189.600	-1,215.025	+.000
08	+.000	+.000	+60.894	+1,180.000	-1,205.220	+.000
09	+.000	+.000	+60.481	+1,172.000	-1,197.049	+.000
10	+.000	+.000	+60.812	+1,178.400	-1,203.586	+.000
11	+.000	+.000	+61.555	+1,192.800	-1,218.294	+.000
12	+.000	+.000	+63.825	+1,236.800	-1,263.234	+.000
13	+.000	+.000	+70.183	+1,360.000	-1,389.067	+.000
14	+.000	+.000	+77.779	+1,507.200	-1,539.413	+.000
15	+.000	+.000	+84.880	+1,644.800	-1,679.954	+.000
16	+.000	+.000	+89.958	+1,743.200	-1,780.457	+.000
17	+.000	+.000	+91.692	+1,776.800	-1,814.775	+.000
18	+.000	+.000	+92.022	+1,783.200	-1,821.312	+.000
19	+.000	+.000	+92.931	+1,800.800	-1,839.288	+.000
20	+.000	+.000	+92.394	+1,790.400	-1,828.666	+.000
21	+.000	+.000	+91.321	+1,769.600	-1,807.421	+.000
22	+.000	+.000	+90.743	+1,758.400	-1,795.982	+.000
23	+.000	+.000	+90.247	+1,748.800	-1,786.177	+.000
24	+.000	+.000	+89.422	+1,732.800	-1,769.835	+.000
25	+.000	+.000	+89.711	+1,738.400	-1,775.555	+.000
26	+.000	+.000	+89.793	+1,740.000	-1,777.189	+.000
27	+.000	+.000	+90.000	+1,744.000	-1,781.274	+.000
28	+.000	+.000	+91.527	+1,773.600	-1,811.507	+.000
29	+.000	+.000	+93.137	+1,804.800	-1,843.374	+.000
30	+.000	+.000	+95.201	+1,844.800	-1,884.229	+.000
31	+.000	+.000	+99.743	+1,932.800	-1,974.109	+.000
32	+.000	+.000	+104.325	+2,021.600	-2,064.807	+.000
33	+.000	+.000	+109.651	+2,124.800	-2,170.213	+.000
34	+.000	+.000	+112.004	+2,170.400	-2,216.788	+.000
35	+.000	+.000	+113.201	+2,193.600	-2,240.484	+.000
36	+.000	+.000	+113.119	+2,192.000	-2,238.849	+.000
37	+.000	+.000	+112.004	+2,170.400	-2,216.788	+.000
38	+.000	+.000	+110.889	+2,148.800	-2,194.726	+.000
39	+.000	+.000	+109.568	+2,123.200	-2,168.579	+.000
40	+.000	+.000	+107.669	+2,086.400	-2,130.992	+.000
41	+.000	+.000	+104.201	+2,019.200	-2,062.356	+.000
42	+.000	+.000	+99.165	+1,921.600	-1,962.670	+.000

43	+.000	+.000	+94.376	+1,828.800	-1,867.887	+.000
44	+.000	+.000	+88.678	+1,718.400	-1,755.127	+.000
45	+.000	+.000	+84.385	+1,635.200	-1,670.149	+.000
46	+.000	+.000	+78.151	+1,514.400	-1,546.767	+.000
47	+.000	+.000	+69.977	+1,356.000	-1,384.982	+.000
48	+.000	+.000	+66.220	+1,283.200	-1,310.626	+.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	+159,132.638
02	+ .000	+158,358.087
03	+ .000	+192,610.192
04	+ .000	+210,875.976
05	+ .000	+221,867.267
06	+ .000	+232,388.951
07	+ .000	+230,796.153
08	+ .000	+230,536.969
09	+ .000	+239,637.147
10	+ .000	+246,657.026
11	+ .000	+260,095.368
12	+ .000	+247,191.349
13	+ .000	+227,560.294
14	+ .000	+221,180.576
15	+ .000	+193,969.562
16	+ .000	+170,329.535
17	+ .000	+113,177.716
18	+ .000	+112,174.915
19	+ .000	+106,658.422
20	+ .000	+109,297.731
21	+ .000	+95,024.390
22	+ .000	+88,826.853
23	+ .000	+89,957.149
24	+ .000	+90,150.985
25	+ .000	+89,531.148
26	+ .000	+91,525.591
27	+ .000	+95,970.282
28	+ .000	+82,714.231
29	+ .000	+89,200.173
30	+ .000	+86,555.603
31	+ .000	+77,271.715
32	+ .000	+91,704.154
33	+ .000	+157,418.424
34	+ .000	+148,473.657
35	+ .000	+146,373.907
36	+ .000	+151,010.195
37	+ .000	+131,866.967
38	+ .000	+100,592.210
39	+ .000	+93,627.092
40	+ .000	+65,733.466
41	+ .000	+69,698.485
42	+ .000	+65,469.138

43	+.000	+66,613.609
44	+.000	+53,554.413
45	+.000	+61,625.268
46	+.000	+61,445.801
47	+.000	+71,096.043
48	+.000	+109,925.239