

Date: 23/12/2019

Settlement Day:15/12/2019

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: 259

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,462,948.480	+51,586,733.690
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,444,083.860	+457,002,545.410
Balancing Services Contract Cost	+963,093.649	+189,477,895.266
Balancing Services Cost Variable	+247,944.180	+114,994,525.895
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	+31,929,493.092
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+213,434,399.360
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,069,260.780
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-4,330,620.990
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+213,434,399.360
Total External Costs	+3,700,827.950	+801,645,067.303
Total Adjusted Energy Volume (MWh)	+1,340,248.684	

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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	+22,560.762	+136,493.818	+6.05005
02	+22,896.977	+139,014.016	+6.07128
03	+22,247.362	+142,511.538	+6.40577
04	+21,766.581	+142,778.904	+6.55955
05	+21,866.425	+157,596.794	+7.20725
06	+21,702.694	+134,927.541	+6.21709
07	+21,830.897	+125,729.558	+5.75925
08	+21,519.719	+124,604.667	+5.79026
09	+21,320.688	+119,250.997	+5.59321
10	+21,417.915	+117,174.988	+5.47089
11	+21,735.543	+115,560.097	+5.31664
12	+21,830.000	+116,683.728	+5.34511
13	+22,358.049	+116,032.847	+5.18976
14	+23,044.234	+109,024.542	+4.73110
15	+23,673.509	+100,357.671	+4.23924
16	+24,361.679	+91,347.714	+3.74965
17	+25,172.462	+86,638.836	+3.44181
18	+26,456.705	+82,856.463	+3.13178
19	+27,593.823	+63,221.083	+2.29113
20	+28,501.914	+64,287.785	+2.25556
21	+29,258.897	+67,138.923	+2.29465
22	+29,325.123	+77,758.166	+2.65159
23	+29,436.042	+80,138.026	+2.72245
24	+29,554.175	+65,352.334	+2.21127
25	+29,842.649	+54,444.196	+1.82438
26	+29,808.399	+59,546.820	+1.99765
27	+30,134.420	+62,764.909	+2.08283
28	+30,265.054	+55,481.666	+1.83319
29	+30,849.375	+55,048.579	+1.78443
30	+31,521.976	+55,636.935	+1.76502
31	+32,514.708	+52,673.999	+1.62001
32	+33,886.950	+68,121.328	+2.01025
33	+35,878.582	+90,183.145	+2.51356
34	+36,833.383	+92,693.634	+2.51657
35	+37,128.039	+94,973.565	+2.55800
36	+37,034.396	+97,037.104	+2.62019
37	+36,746.781	+107,402.641	+2.92278
38	+36,009.216	+94,573.092	+2.62636
39	+35,049.157	+93,352.075	+2.66346
40	+33,956.001	+71,360.080	+2.10155
41	+32,884.768	+80,520.023	+2.44855
42	+31,614.018	+82,463.426	+2.60844

43	+30,147.482	+82,775.968	+2.74570
44	+28,783.758	+93,751.828	+3.25711
45	+26,814.716	+87,212.228	+3.25240
46	+25,438.926	+84,109.581	+3.30633
47	+23,432.585	+100,537.124	+4.29048
48	+22,241.170	+131,735.679	+5.92306

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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	+0.01683	+95,364.88	+0.00	+95,316.35	+16,208.866	+10,330.250
02	+0.01708	+97,489.50	+0.00	+97,378.33	+16,449.640	+10,330.250
03	+0.01660	+102,208.19	+0.00	+102,059.13	+15,987.355	+10,026.750
04	+0.01624	+103,089.59	+0.00	+102,986.33	+15,640.641	+10,026.750
05	+0.01632	+116,646.39	+0.00	+116,349.09	+15,717.688	+11,335.250
06	+0.01619	+94,142.47	+0.00	+93,918.11	+15,592.486	+11,335.250
07	+0.01629	+81,717.50	+0.00	+81,606.59	+15,688.796	+14,265.500
08	+0.01606	+81,663.58	+0.00	+80,903.26	+15,467.284	+14,265.500
09	+0.01591	+75,841.05	+0.00	+75,647.27	+15,322.820	+14,442.750
10	+0.01598	+73,608.58	+0.00	+73,442.96	+15,390.237	+14,442.750
11	+0.01622	+74,036.72	+0.00	+73,972.43	+15,621.379	+11,858.500
12	+0.01629	+75,242.19	+0.00	+74,967.76	+15,688.796	+11,858.500
13	+0.01668	+72,978.64	+0.00	+72,828.06	+16,064.402	+12,632.500
14	+0.01719	+64,987.81	+0.00	+64,884.99	+16,555.580	+12,632.500
15	+0.01766	+49,677.31	+0.00	+49,288.05	+17,008.234	+18,701.120
16	+0.01818	+39,505.63	+0.00	+39,325.00	+17,509.043	+18,701.120
17	+0.01878	+44,788.25	+0.00	+44,740.47	+18,086.899	+7,477.050
18	+0.01974	+39,270.19	+0.00	+39,198.54	+19,011.469	+7,477.050
19	+0.02059	+26,660.04	+0.00	+26,658.27	+19,830.098	-1,176.000
20	+0.02127	+26,648.49	+0.00	+26,478.62	+20,485.002	-1,176.000
21	+0.02183	+27,778.36	+0.00	+27,678.85	+21,024.334	-551.500
22	+0.02188	+33,141.19	+0.00	+32,984.52	+21,072.489	+4,670.430
23	+0.02196	+35,174.83	+0.00	+35,141.25	+21,149.537	+4,746.930
24	+0.02205	+20,272.46	+0.00	+20,190.60	+21,236.215	+4,746.930
25	+0.02227	+9,659.28	+0.00	+8,879.23	+21,448.096	+4,746.930
26	+0.02224	+14,714.51	+0.00	+14,036.84	+21,419.203	+4,746.930
27	+0.02248	+17,169.15	+0.00	+16,340.04	+21,650.345	+5,221.930
28	+0.02258	+14,458.32	+0.00	+14,095.44	+21,746.655	+0.000
29	+0.02302	+13,921.14	+0.00	+12,855.89	+22,170.416	+0.000
30	+0.02352	+14,997.05	+0.00	+12,527.81	+22,651.963	+0.000
31	+0.02426	+10,257.00	+0.00	+8,208.55	+23,364.652	+0.000
32	+0.02528	+22,002.67	+0.00	+21,786.35	+24,347.007	+0.000
33	+0.02677	+35,898.90	+0.00	+35,895.26	+25,782.017	+5,221.930
34	+0.02748	+37,468.76	+0.00	+37,104.41	+26,465.813	+5,221.930
35	+0.02770	+39,012.59	+0.00	+38,981.11	+26,677.694	+5,221.930
36	+0.02763	+41,532.02	+0.00	+41,172.95	+26,610.278	+5,221.930
37	+0.02742	+52,530.99	+0.00	+51,923.39	+26,408.028	+5,221.930
38	+0.02687	+40,141.17	+0.00	+40,101.92	+25,878.326	+5,221.930
39	+0.02615	+40,990.24	+0.00	+40,200.57	+25,184.899	+5,221.930
40	+0.02534	+25,295.04	+0.00	+24,915.13	+24,404.793	+0.000
41	+0.02454	+35,721.56	+0.00	+35,541.37	+23,634.318	+0.000
42	+0.02359	+39,102.04	+0.00	+38,657.25	+22,719.379	+568.750

43	+0.02249	+41,640.21	+ .00	+40,985.95	+21,659.976	+568.750
44	+0.02148	+54,566.88	+ .00	+53,813.01	+20,687.252	+568.750
45	+0.02001	+59,480.43	+ .00	+58,905.73	+19,271.504	-8,369.250
46	+0.01898	+58,411.76	+ .00	+58,165.94	+18,279.517	-8,844.250
47	+0.01748	+79,624.43	+ .00	+78,870.04	+16,834.877	-10,371.500
48	+0.01659	+112,418.50	+ .00	+112,174.85	+15,977.724	-10,846.500

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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	+2,074.932	+0.000	+13,869.116
02	+0.000	+0.000	+0.000	+2,105.753	+0.000	+14,075.133
03	+0.000	+0.000	+0.000	+2,046.575	+0.000	+13,679.579
04	+0.000	+0.000	+0.000	+2,002.192	+0.000	+13,382.914
05	+0.000	+0.000	+0.000	+2,012.055	+0.000	+13,448.839
06	+0.000	+0.000	+0.000	+1,996.027	+0.000	+13,341.710
07	+0.000	+0.000	+0.000	+2,008.356	+0.000	+13,424.117
08	+0.000	+0.000	+0.000	+1,980.000	+0.000	+13,234.581
09	+0.000	+0.000	+0.000	+1,961.507	+0.000	+13,110.970
10	+0.000	+0.000	+0.000	+1,970.137	+0.000	+13,168.655
11	+0.000	+0.000	+0.000	+1,999.726	+0.000	+13,366.432
12	+0.000	+0.000	+0.000	+2,008.356	+0.000	+13,424.117
13	+0.000	+0.000	+0.000	+2,056.438	+0.000	+13,745.505
14	+0.000	+0.000	+0.000	+2,119.315	+0.000	+14,165.781
15	+0.000	+0.000	+0.000	+2,177.260	+0.000	+14,553.095
16	+0.000	+0.000	+0.000	+2,241.370	+0.000	+14,981.612
17	+0.000	+0.000	+0.000	+2,315.342	+0.000	+15,476.054
18	+0.000	+0.000	+0.000	+2,433.699	+0.000	+16,267.162
19	+0.000	+0.000	+0.000	+2,538.493	+0.000	+16,967.623
20	+0.000	+0.000	+0.000	+2,622.329	+0.000	+17,527.991
21	+0.000	+0.000	+0.000	+2,691.370	+0.000	+17,989.471
22	+0.000	+0.000	+0.000	+2,697.534	+0.000	+18,030.674
23	+0.000	+0.000	+0.000	+2,707.397	+0.000	+18,096.600
24	+0.000	+0.000	+0.000	+2,718.493	+0.000	+18,170.766
25	+0.000	+0.000	+0.000	+2,745.616	+0.000	+18,352.062
26	+0.000	+0.000	+0.000	+2,741.918	+0.000	+18,327.340
27	+0.000	+0.000	+0.000	+2,771.507	+0.000	+18,525.117
28	+0.000	+0.000	+0.000	+2,783.836	+0.000	+18,607.524
29	+0.000	+0.000	+0.000	+2,838.082	+0.000	+18,970.115
30	+0.000	+0.000	+0.000	+2,899.726	+0.000	+19,382.151
31	+0.000	+0.000	+0.000	+2,990.959	+0.000	+19,991.963
32	+0.000	+0.000	+0.000	+3,116.712	+0.000	+20,832.516
33	+0.000	+0.000	+0.000	+3,300.411	+0.000	+22,060.382
34	+0.000	+0.000	+0.000	+3,387.945	+0.000	+22,645.472
35	+0.000	+0.000	+0.000	+3,415.068	+0.000	+22,826.768
36	+0.000	+0.000	+0.000	+3,406.438	+0.000	+22,769.083
37	+0.000	+0.000	+0.000	+3,380.548	+0.000	+22,596.028
38	+0.000	+0.000	+0.000	+3,312.740	+0.000	+22,142.789
39	+0.000	+0.000	+0.000	+3,223.973	+0.000	+21,549.458
40	+0.000	+0.000	+0.000	+3,124.110	+0.000	+20,881.960
41	+0.000	+0.000	+0.000	+3,025.479	+0.000	+20,222.703
42	+0.000	+0.000	+0.000	+2,908.356	+0.000	+19,439.836

43	+.000	+.000	+.000	+2,772.740	+.000	+18,533.358
44	+.000	+.000	+.000	+2,648.219	+.000	+17,701.046
45	+.000	+.000	+.000	+2,466.986	+.000	+16,489.662
46	+.000	+.000	+.000	+2,340.000	+.000	+15,640.868
47	+.000	+.000	+.000	+2,155.068	+.000	+14,404.762
48	+.000	+.000	+.000	+2,045.342	+.000	+13,671.339

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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	+69.481	+.000	-1,375.176	+.000
02	+.000	+.000	+70.513	+.000	-1,395.604	+.000
03	+.000	+.000	+68.532	+.000	-1,356.383	+.000
04	+.000	+.000	+67.046	+.000	-1,326.968	+.000
05	+.000	+.000	+67.376	+.000	-1,333.504	+.000
06	+.000	+.000	+66.839	+.000	-1,322.882	+.000
07	+.000	+.000	+67.252	+.000	-1,331.053	+.000
08	+.000	+.000	+66.302	+.000	-1,312.260	+.000
09	+.000	+.000	+65.683	+.000	-1,300.003	+.000
10	+.000	+.000	+65.972	+.000	-1,305.723	+.000
11	+.000	+.000	+66.963	+.000	-1,325.333	+.000
12	+.000	+.000	+67.252	+.000	-1,331.053	+.000
13	+.000	+.000	+68.862	+.000	-1,362.920	+.000
14	+.000	+.000	+70.968	+.000	-1,404.592	+.000
15	+.000	+.000	+72.908	+.000	-1,442.996	+.000
16	+.000	+.000	+75.055	+.000	-1,485.485	+.000
17	+.000	+.000	+77.532	+.000	-1,534.511	+.000
18	+.000	+.000	+81.495	+.000	-1,612.952	+.000
19	+.000	+.000	+85.004	+.000	-1,682.405	+.000
20	+.000	+.000	+87.811	+.000	-1,737.968	+.000
21	+.000	+.000	+90.123	+.000	-1,783.726	+.000
22	+.000	+.000	+90.330	+.000	-1,787.811	+.000
23	+.000	+.000	+90.660	+.000	-1,794.348	+.000
24	+.000	+.000	+91.032	+.000	-1,801.702	+.000
25	+.000	+.000	+91.940	+.000	-1,819.678	+.000
26	+.000	+.000	+91.816	+.000	-1,817.227	+.000
27	+.000	+.000	+92.807	+.000	-1,836.837	+.000
28	+.000	+.000	+93.220	+.000	-1,845.008	+.000
29	+.000	+.000	+95.036	+.000	-1,880.960	+.000
30	+.000	+.000	+97.100	+.000	-1,921.815	+.000
31	+.000	+.000	+100.155	+.000	-1,982.280	+.000
32	+.000	+.000	+104.366	+.000	-2,065.625	+.000
33	+.000	+.000	+110.518	+.000	-2,187.372	+.000
34	+.000	+.000	+113.449	+.000	-2,245.386	+.000
35	+.000	+.000	+114.357	+.000	-2,263.362	+.000
36	+.000	+.000	+114.068	+.000	-2,257.643	+.000
37	+.000	+.000	+113.201	+.000	-2,240.484	+.000
38	+.000	+.000	+110.931	+.000	-2,195.543	+.000
39	+.000	+.000	+107.958	+.000	-2,136.712	+.000
40	+.000	+.000	+104.614	+.000	-2,070.527	+.000
41	+.000	+.000	+101.311	+.000	-2,005.159	+.000
42	+.000	+.000	+97.389	+.000	-1,927.535	+.000

43	+.000	+.000	+92.848	+.000	-1,837.654	+.000
44	+.000	+.000	+88.678	+.000	-1,755.127	+.000
45	+.000	+.000	+82.610	+.000	-1,635.014	+.000
46	+.000	+.000	+78.357	+.000	-1,550.853	+.000
47	+.000	+.000	+72.165	+.000	-1,428.288	+.000
48	+.000	+.000	+68.490	+.000	-1,355.566	+.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	+136,493.818
02	+ .000	+139,014.016
03	+ .000	+142,511.538
04	+ .000	+142,778.904
05	+ .000	+157,596.794
06	+ .000	+134,927.541
07	+ .000	+125,729.558
08	+ .000	+124,604.667
09	+ .000	+119,250.997
10	+ .000	+117,174.988
11	+ .000	+115,560.097
12	+ .000	+116,683.728
13	+ .000	+116,032.847
14	+ .000	+109,024.542
15	+ .000	+100,357.671
16	+ .000	+91,347.714
17	+ .000	+86,638.836
18	+ .000	+82,856.463
19	+ .000	+63,221.083
20	+ .000	+64,287.785
21	+ .000	+67,138.923
22	+ .000	+77,758.166
23	+ .000	+80,138.026
24	+ .000	+65,352.334
25	+ .000	+54,444.196
26	+ .000	+59,546.820
27	+ .000	+62,764.909
28	+ .000	+55,481.666
29	+ .000	+55,048.579
30	+ .000	+55,636.935
31	+ .000	+52,673.999
32	+ .000	+68,121.328
33	+ .000	+90,183.145
34	+ .000	+92,693.634
35	+ .000	+94,973.565
36	+ .000	+97,037.104
37	+ .000	+107,402.641
38	+ .000	+94,573.092
39	+ .000	+93,352.075
40	+ .000	+71,360.080
41	+ .000	+80,520.023
42	+ .000	+82,463.426

43	+.000	+82,775.968
44	+.000	+93,751.828
45	+.000	+87,212.228
46	+.000	+84,109.581
47	+.000	+100,537.124
48	+.000	+131,735.679