

Date: 15/01/2021

Settlement Day:23/11/2019

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: 237

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,305,311.770	+396,026,098.370
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,291,968.830	+390,892,160.870
Balancing Services Contract Cost	+1,019,778.117	+215,509,398.427
Balancing Services Cost Variable	+366,097.440	+104,977,151.430
ESO Incentive Recovery Costs	-21,485.790	+4,983,449.000
Black Start Capital Costs	+4,092.783	+127,817.229
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+120,217.460	+27,391,239.606
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+195,304,836.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,494,977.040
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+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	+195,304,836.480
Total External Costs	+2,786,976.760	+745,649,630.435
Total Adjusted Energy Volume (MWh)	+1,384,466.774	

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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	+23,447.054	+108,299.527	+4.61890
02	+23,417.520	+93,891.318	+4.00945
03	+23,211.928	+99,744.500	+4.29712
04	+22,791.060	+93,931.096	+4.12140
05	+23,173.997	+101,193.381	+4.36668
06	+23,052.619	+98,742.362	+4.28335
07	+22,633.701	+94,710.148	+4.18447
08	+22,318.824	+87,250.002	+3.90926
09	+22,296.252	+82,557.773	+3.70276
10	+22,138.404	+78,498.995	+3.54583
11	+22,156.879	+84,199.754	+3.80016
12	+22,445.592	+91,785.921	+4.08926
13	+23,251.430	+112,930.640	+4.85693
14	+23,888.163	+118,080.501	+4.94305
15	+24,912.267	+100,064.968	+4.01669
16	+26,038.936	+98,319.613	+3.77587
17	+27,505.772	+94,941.113	+3.45168
18	+29,076.544	+92,032.722	+3.16519
19	+30,416.525	+75,643.984	+2.48694
20	+31,170.053	+59,567.814	+1.91106
21	+31,781.511	+74,213.226	+2.33511
22	+31,991.064	+69,185.493	+2.16265
23	+32,236.602	+63,106.980	+1.95762
24	+32,628.351	+61,436.855	+1.88293
25	+32,678.062	+62,274.984	+1.90571
26	+32,718.255	+67,336.644	+2.05808
27	+32,460.890	+68,846.617	+2.12091
28	+32,293.821	+58,664.169	+1.81658
29	+32,435.857	+64,634.907	+1.99270
30	+32,339.844	+42,220.149	+1.30551
31	+32,527.980	+34,173.846	+1.05060
32	+33,392.507	+53,635.115	+1.60620
33	+34,383.400	+78,928.151	+2.29553
34	+34,914.186	+76,948.154	+2.20392
35	+35,632.692	+75,245.925	+2.11171
36	+35,616.326	+58,839.585	+1.65204
37	+35,490.280	+55,724.577	+1.57014
38	+35,070.939	+59,766.692	+1.70417
39	+34,063.999	+59,724.206	+1.75329
40	+32,842.637	+64,296.772	+1.95772
41	+31,902.783	+66,952.534	+2.09864
42	+31,026.784	+47,879.486	+1.54317

43	+30,310.410	+59,180.786	+1.95249
44	+29,100.276	+52,551.292	+1.80587
45	+28,078.197	+57,735.615	+2.05624
46	+26,971.965	+46,765.370	+1.73385
47	+25,543.746	+80,612.699	+3.15587
48	+24,689.890	+83,722.251	+3.39095

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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	+0.01694	+65,431.46	+0.00	+64,891.87	+17,275.041	+10,324.150
02	+0.01691	+50,650.28	+0.00	+50,542.25	+17,244.448	+10,324.150
03	+0.01677	+56,026.07	+0.00	+55,998.07	+17,101.679	+10,994.930
04	+0.01646	+50,888.64	+0.00	+50,790.09	+16,785.548	+10,994.930
05	+0.01674	+57,197.63	+0.00	+56,996.77	+17,071.086	+11,503.700
06	+0.01665	+55,165.60	+0.00	+54,721.52	+16,979.306	+11,503.700
07	+0.01635	+50,687.67	+0.00	+50,659.42	+16,673.372	+12,119.480
08	+0.01612	+43,787.29	+0.00	+43,648.46	+16,438.823	+12,119.480
09	+0.01610	+36,668.35	+0.00	+36,659.18	+16,418.428	+14,455.590
10	+0.01599	+32,894.41	+0.00	+32,815.23	+16,306.252	+14,455.590
11	+0.01600	+39,248.86	+0.00	+39,100.26	+16,316.450	+13,851.790
12	+0.01621	+46,557.03	+0.00	+46,276.30	+16,530.603	+13,851.790
13	+0.01679	+58,083.65	+0.00	+57,435.52	+17,122.075	+22,704.560
14	+0.01725	+62,197.13	+0.00	+61,687.01	+17,591.173	+22,704.560
15	+0.01799	+59,705.48	+0.00	+59,422.19	+18,345.808	+5,508.640
16	+0.01881	+56,198.87	+0.00	+56,075.39	+19,182.026	+5,508.640
17	+0.01987	+50,212.40	+0.00	+50,154.23	+20,262.991	+5,981.140
18	+0.02100	+45,401.42	+0.00	+45,038.97	+21,415.340	+5,981.140
19	+0.02197	+27,708.40	+0.00	+27,357.04	+22,404.525	+5,379.940
20	+0.02251	+10,491.23	+0.00	+10,226.26	+22,955.205	+5,379.940
21	+0.02296	+24,297.88	+0.00	+23,992.83	+23,414.106	+5,379.940
22	+0.02311	+18,968.27	+0.00	+18,672.15	+23,567.072	+5,379.940
23	+0.02328	+12,460.84	+0.00	+12,261.63	+23,740.435	+5,379.940
24	+0.02357	+10,284.64	+0.00	+10,025.14	+24,036.170	+5,379.940
25	+0.02360	+10,880.89	+0.00	+10,804.68	+24,066.764	+5,379.940
26	+0.02363	+16,251.53	+0.00	+15,807.75	+24,097.357	+5,379.940
27	+0.02345	+23,226.75	+0.00	+23,049.20	+23,913.797	+0.000
28	+0.02333	+13,370.13	+0.00	+13,101.11	+23,791.423	+0.000
29	+0.02343	+19,027.89	+0.00	+18,876.55	+23,893.401	+0.000
30	+0.02336	-3,301.38	+0.00	-3,401.50	+23,822.017	+0.000
31	+0.02349	-11,025.05	+0.00	-11,701.69	+23,954.588	+0.000
32	+0.02412	+6,646.83	+0.00	+6,529.20	+24,597.048	+0.000
33	+0.02484	+25,414.95	+0.00	+25,036.15	+25,331.288	+5,379.940
34	+0.02522	+22,818.47	+0.00	+22,314.02	+25,718.804	+5,379.940
35	+0.02574	+20,140.21	+0.00	+19,596.24	+26,249.089	+5,379.940
36	+0.02573	+5,485.85	+0.00	+3,209.43	+26,238.891	+5,379.940
37	+0.02563	+431.99	+0.00	+289.72	+26,136.913	+5,379.940
38	+0.02533	+5,046.84	+0.00	+4,917.73	+25,830.980	+5,379.940
39	+0.02460	+6,601.96	+0.00	+6,300.92	+25,086.542	+5,379.940
40	+0.02372	+12,873.52	+0.00	+12,592.11	+24,189.137	+5,379.940
41	+0.02304	+16,974.77	+0.00	+16,575.90	+23,495.688	+5,379.940
42	+0.02241	+4,144.80	+0.00	+4,113.17	+22,853.228	+0.000

43	+0.02189	+16,502.36	+.00	+16,430.02	+22,322.943	+.000
44	+0.02102	+11,659.02	+.00	+11,499.62	+21,435.736	+.000
45	+0.02028	+17,732.60	+.00	+17,628.65	+20,681.100	+500.500
46	+0.01948	+8,229.37	+.00	+8,220.79	+19,865.278	+500.500
47	+0.01845	+15,408.79	+.00	+15,205.44	+18,814.906	+29,374.750
48	+0.01783	+19,555.18	+.00	+19,525.84	+18,182.644	+29,374.750

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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	-363.969	+69.332	+0.000	+2,036.484	+0.000	+13,959.763
02	-363.325	+69.209	+0.000	+2,032.877	+0.000	+13,935.041
03	-360.317	+68.636	+0.000	+2,016.047	+0.000	+13,819.671
04	-353.656	+67.367	+0.000	+1,978.779	+0.000	+13,564.209
05	-359.672	+68.513	+0.000	+2,012.440	+0.000	+13,794.949
06	-357.738	+68.145	+0.000	+2,001.621	+0.000	+13,720.783
07	-351.293	+66.917	+0.000	+1,965.555	+0.000	+13,473.562
08	-346.351	+65.976	+0.000	+1,937.905	+0.000	+13,284.025
09	-345.921	+65.894	+0.000	+1,935.501	+0.000	+13,267.544
10	-343.558	+65.444	+0.000	+1,922.277	+0.000	+13,176.896
11	-343.773	+65.485	+0.000	+1,923.479	+0.000	+13,185.137
12	-348.285	+66.344	+0.000	+1,948.725	+0.000	+13,358.192
13	-360.746	+68.718	+0.000	+2,018.451	+0.000	+13,836.153
14	-370.630	+70.601	+0.000	+2,073.751	+0.000	+14,215.225
15	-386.529	+73.629	+0.000	+2,162.712	+0.000	+14,825.038
16	-404.148	+76.985	+0.000	+2,261.290	+0.000	+15,500.776
17	-426.923	+81.324	+0.000	+2,388.721	+0.000	+16,374.292
18	-451.202	+85.948	+0.000	+2,524.567	+0.000	+17,305.492
19	-472.043	+89.918	+0.000	+2,641.178	+0.000	+18,104.841
20	-483.645	+92.129	+0.000	+2,706.095	+0.000	+18,549.839
21	-493.314	+93.970	+0.000	+2,760.193	+0.000	+18,920.671
22	-496.537	+94.584	+0.000	+2,778.226	+0.000	+19,044.282
23	-500.189	+95.280	+0.000	+2,798.662	+0.000	+19,184.374
24	-506.420	+96.467	+0.000	+2,833.526	+0.000	+19,423.354
25	-507.065	+96.590	+0.000	+2,837.132	+0.000	+19,448.077
26	-507.709	+96.712	+0.000	+2,840.739	+0.000	+19,472.799
27	-503.842	+95.976	+0.000	+2,819.099	+0.000	+19,324.466
28	-501.263	+95.485	+0.000	+2,804.673	+0.000	+19,225.577
29	-503.412	+95.894	+0.000	+2,816.695	+0.000	+19,307.984
30	-501.908	+95.607	+0.000	+2,808.280	+0.000	+19,250.299
31	-504.701	+96.139	+0.000	+2,823.908	+0.000	+19,357.429
32	-518.237	+98.718	+0.000	+2,899.645	+0.000	+19,876.593
33	-533.707	+101.665	+0.000	+2,986.202	+0.000	+20,469.925
34	-541.872	+103.220	+0.000	+3,031.884	+0.000	+20,783.072
35	-553.044	+105.348	+0.000	+3,094.397	+0.000	+21,211.589
36	-552.829	+105.307	+0.000	+3,093.195	+0.000	+21,203.348
37	-550.681	+104.898	+0.000	+3,081.173	+0.000	+21,120.941
38	-544.235	+103.670	+0.000	+3,045.108	+0.000	+20,873.719
39	-528.550	+100.682	+0.000	+2,957.350	+0.000	+20,272.148
40	-509.643	+97.081	+0.000	+2,851.558	+0.000	+19,546.965
41	-495.033	+94.298	+0.000	+2,769.810	+0.000	+18,986.597
42	-481.497	+91.719	+0.000	+2,694.073	+0.000	+18,467.432

43	-470.324	+89.591	+.000	+2,631.560	+.000	+18,038.915
44	-451.631	+86.030	+.000	+2,526.971	+.000	+17,321.973
45	-435.732	+83.002	+.000	+2,438.010	+.000	+16,712.161
46	-418.543	+79.727	+.000	+2,341.836	+.000	+16,052.904
47	-396.413	+75.512	+.000	+2,218.012	+.000	+15,204.111
48	-383.092	+72.974	+.000	+2,143.477	+.000	+14,693.187

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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	+106.856	+.000	+.000	+.000	+.000
02	+.000	+106.667	+.000	+.000	+.000	+.000
03	+.000	+105.784	+.000	+.000	+.000	+.000
04	+.000	+103.828	+.000	+.000	+.000	+.000
05	+.000	+105.595	+.000	+.000	+.000	+.000
06	+.000	+105.027	+.000	+.000	+.000	+.000
07	+.000	+103.134	+.000	+.000	+.000	+.000
08	+.000	+101.684	+.000	+.000	+.000	+.000
09	+.000	+101.558	+.000	+.000	+.000	+.000
10	+.000	+100.864	+.000	+.000	+.000	+.000
11	+.000	+100.927	+.000	+.000	+.000	+.000
12	+.000	+102.251	+.000	+.000	+.000	+.000
13	+.000	+105.910	+.000	+.000	+.000	+.000
14	+.000	+108.812	+.000	+.000	+.000	+.000
15	+.000	+113.479	+.000	+.000	+.000	+.000
16	+.000	+118.652	+.000	+.000	+.000	+.000
17	+.000	+125.338	+.000	+.000	+.000	+.000
18	+.000	+132.466	+.000	+.000	+.000	+.000
19	+.000	+138.585	+.000	+.000	+.000	+.000
20	+.000	+141.991	+.000	+.000	+.000	+.000
21	+.000	+144.830	+.000	+.000	+.000	+.000
22	+.000	+145.776	+.000	+.000	+.000	+.000
23	+.000	+146.848	+.000	+.000	+.000	+.000
24	+.000	+148.678	+.000	+.000	+.000	+.000
25	+.000	+148.867	+.000	+.000	+.000	+.000
26	+.000	+149.056	+.000	+.000	+.000	+.000
27	+.000	+147.921	+.000	+.000	+.000	+.000
28	+.000	+147.164	+.000	+.000	+.000	+.000
29	+.000	+147.795	+.000	+.000	+.000	+.000
30	+.000	+147.353	+.000	+.000	+.000	+.000
31	+.000	+148.173	+.000	+.000	+.000	+.000
32	+.000	+152.147	+.000	+.000	+.000	+.000
33	+.000	+156.689	+.000	+.000	+.000	+.000
34	+.000	+159.086	+.000	+.000	+.000	+.000
35	+.000	+162.366	+.000	+.000	+.000	+.000
36	+.000	+162.303	+.000	+.000	+.000	+.000
37	+.000	+161.672	+.000	+.000	+.000	+.000
38	+.000	+159.780	+.000	+.000	+.000	+.000
39	+.000	+155.175	+.000	+.000	+.000	+.000
40	+.000	+149.624	+.000	+.000	+.000	+.000
41	+.000	+145.334	+.000	+.000	+.000	+.000
42	+.000	+141.360	+.000	+.000	+.000	+.000



43	+.000	+138.080	+.000	+.000	+.000	+.000
44	+.000	+132.592	+.000	+.000	+.000	+.000
45	+.000	+127.925	+.000	+.000	+.000	+.000
46	+.000	+122.878	+.000	+.000	+.000	+.000
47	+.000	+116.381	+.000	+.000	+.000	+.000
48	+.000	+112.470	+.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	+108,299.527
02	+ .000	+93,891.318
03	+ .000	+99,744.500
04	+ .000	+93,931.096
05	+ .000	+101,193.381
06	+ .000	+98,742.362
07	+ .000	+94,710.148
08	+ .000	+87,250.002
09	+ .000	+82,557.773
10	+ .000	+78,498.995
11	+ .000	+84,199.754
12	+ .000	+91,785.921
13	+ .000	+112,930.640
14	+ .000	+118,080.501
15	+ .000	+100,064.968
16	+ .000	+98,319.613
17	+ .000	+94,941.113
18	+ .000	+92,032.722
19	+ .000	+75,643.984
20	+ .000	+59,567.814
21	+ .000	+74,213.226
22	+ .000	+69,185.493
23	+ .000	+63,106.980
24	+ .000	+61,436.855
25	+ .000	+62,274.984
26	+ .000	+67,336.644
27	+ .000	+68,846.617
28	+ .000	+58,664.169
29	+ .000	+64,634.907
30	+ .000	+42,220.149
31	+ .000	+34,173.846
32	+ .000	+53,635.115
33	+ .000	+78,928.151
34	+ .000	+76,948.154
35	+ .000	+75,245.925
36	+ .000	+58,839.585
37	+ .000	+55,724.577
38	+ .000	+59,766.692
39	+ .000	+59,724.206
40	+ .000	+64,296.772
41	+ .000	+66,952.534
42	+ .000	+47,879.486

43	+.000	+59,180.786
44	+.000	+52,551.292
45	+.000	+57,735.615
46	+.000	+46,765.370
47	+.000	+80,612.699
48	+.000	+83,722.251