

Date: 16/03/2020

Settlement Day:20/02/2020

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 326

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,683,382.740	+307,055,779.500
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,633,101.460	+689,117,659.040
Balancing Services Contract Cost	+663,365.315	+288,250,608.099
Balancing Services Cost Variable	+140,311.420	+131,913,364.205
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+114,830.080	+38,470,427.257
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+268,647,159.040
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,345,864.920
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-11,030,827.050
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+268,647,159.040
Total External Costs	+5,474,026.865	+1,149,307,096.471
Total Adjusted Energy Volume (MWh)	+1,413,322.786	

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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	+22,918.664	+109,030.011	+4.75726
02	+23,272.673	+103,682.222	+4.45511
03	+23,282.574	+98,965.942	+4.25064
04	+22,792.788	+83,600.059	+3.66783
05	+22,469.130	+82,863.992	+3.68790
06	+22,351.824	+74,847.867	+3.34862
07	+22,236.584	+83,023.075	+3.73363
08	+22,048.964	+78,076.606	+3.54106
09	+21,649.480	+61,671.615	+2.84864
10	+21,490.748	+58,996.899	+2.74522
11	+21,735.446	+76,460.856	+3.51780
12	+22,408.674	+81,357.754	+3.63064
13	+24,740.993	+82,548.785	+3.33652
14	+27,077.038	+90,548.465	+3.34411
15	+29,206.706	+95,953.119	+3.28531
16	+30,413.747	+83,620.132	+2.74942
17	+31,562.945	+95,524.637	+3.02648
18	+32,477.564	+107,323.572	+3.30455
19	+32,813.766	+96,930.466	+2.95396
20	+33,203.804	+91,173.851	+2.74589
21	+33,462.084	+95,462.761	+2.85286
22	+33,571.407	+115,821.049	+3.44999
23	+33,769.195	+142,048.755	+4.20646
24	+33,881.117	+148,099.480	+4.37115
25	+34,047.324	+152,043.202	+4.46564
26	+33,730.586	+165,292.952	+4.90039
27	+33,495.932	+162,992.385	+4.86604
28	+32,553.192	+161,042.226	+4.94705
29	+32,430.630	+160,606.571	+4.95231
30	+32,045.269	+163,745.310	+5.10981
31	+31,625.077	+159,997.051	+5.05918
32	+31,716.762	+161,598.592	+5.09505
33	+32,553.860	+157,058.056	+4.82456
34	+33,358.571	+174,444.977	+5.22939
35	+34,577.119	+193,044.873	+5.58302
36	+35,912.607	+195,308.306	+5.43843
37	+36,630.915	+204,893.426	+5.59346
38	+36,367.350	+186,297.376	+5.12265
39	+35,832.726	+173,681.135	+4.84700
40	+35,033.172	+162,013.202	+4.62457
41	+33,717.451	+169,149.625	+5.01668
42	+32,394.617	+171,706.271	+5.30046

43	+30,690.641	+167,390.609	+5.45413
44	+28,829.726	+156,901.875	+5.44236
45	+27,278.477	+157,432.721	+5.77132
46	+25,709.495	+155,864.651	+6.06253
47	+24,439.712	+168,655.174	+6.90087
48	+23,513.660	+179,351.109	+7.62753

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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	+0.01622	+84,602.55	+0.00	+84,406.03	+10,759.785	-106.410
02	+0.01647	+78,954.47	+0.00	+78,677.07	+10,925.627	-106.410
03	+0.01647	+74,155.56	+0.00	+73,960.79	+10,925.627	-106.410
04	+0.01613	+59,431.07	+0.00	+59,113.30	+10,700.083	-106.410
05	+0.01590	+59,147.77	+0.00	+58,727.91	+10,547.509	-106.410
06	+0.01582	+51,701.72	+0.00	+50,833.76	+10,494.439	-106.410
07	+0.01573	+60,508.54	+0.00	+59,146.19	+10,434.736	-106.410
08	+0.01560	+54,623.58	+0.00	+54,397.93	+10,348.499	-106.410
09	+0.01532	+38,753.09	+0.00	+38,419.85	+10,162.757	-106.410
10	+0.01521	+35,950.15	+0.00	+35,912.85	+10,089.786	-106.410
11	+0.01538	+45,531.91	+0.00	+45,093.86	+10,202.559	+7,917.340
12	+0.01586	+49,559.74	+0.00	+49,258.91	+10,520.974	+7,917.340
13	+0.01751	+53,078.14	+0.00	+50,574.21	+11,615.527	+5,277.340
14	+0.01916	+56,357.27	+0.00	+56,058.16	+12,710.079	+5,277.340
15	+0.02067	+59,338.71	+0.00	+58,673.04	+13,711.761	+5,764.840
16	+0.02152	+45,276.44	+0.00	+45,044.07	+14,275.622	+5,764.840
17	+0.02233	+56,179.98	+0.00	+55,713.58	+14,812.947	+5,764.840
18	+0.02298	+66,890.15	+0.00	+66,521.47	+15,244.135	+5,764.840
19	+0.02322	+55,882.79	+0.00	+55,762.44	+15,403.343	+5,764.840
20	+0.02349	+49,842.82	+0.00	+49,594.16	+15,582.451	+5,764.840
21	+0.02368	+53,852.31	+0.00	+53,593.38	+15,708.491	+5,764.840
22	+0.02375	+74,079.58	+0.00	+73,844.94	+15,754.926	+5,764.840
23	+0.02389	+99,963.71	+0.00	+99,859.19	+15,847.797	+5,764.840
24	+0.02397	+109,873.43	+0.00	+105,787.94	+15,900.867	+5,764.840
25	+0.02409	+113,135.03	+0.00	+110,417.30	+15,980.470	+4,896.240
26	+0.02387	+127,405.63	+0.00	+124,002.48	+15,834.530	+4,896.240
27	+0.02370	+130,640.53	+0.00	+126,857.35	+15,721.758	+0.000
28	+0.02303	+130,828.19	+0.00	+125,928.73	+15,277.303	+0.000
29	+0.02295	+128,225.80	+0.00	+125,615.05	+15,224.234	+0.000
30	+0.02267	+131,975.34	+0.00	+129,180.70	+15,038.492	+0.000
31	+0.02238	+128,644.62	+0.00	+125,874.60	+14,846.116	+0.000
32	+0.02244	+129,918.22	+0.00	+127,384.66	+14,885.918	+0.000
33	+0.02303	+125,669.89	+0.00	+121,944.56	+15,277.303	+0.000
34	+0.02360	+135,829.10	+0.00	+133,566.17	+15,655.421	+4,896.240
35	+0.02447	+150,285.92	+0.00	+149,970.99	+16,232.549	+5,764.840
36	+0.02541	+151,160.84	+0.00	+150,801.22	+16,856.113	+5,764.840
37	+0.02592	+159,840.80	+0.00	+159,608.75	+17,194.429	+5,764.840
38	+0.02573	+141,466.50	+0.00	+141,302.39	+17,068.390	+5,764.840
39	+0.02535	+129,519.51	+0.00	+129,265.53	+16,816.311	+5,764.840
40	+0.02479	+118,668.53	+0.00	+118,451.42	+16,444.826	+5,764.840
41	+0.02386	+127,276.65	+0.00	+127,005.80	+15,827.896	+5,764.840
42	+0.02292	+136,432.87	+0.00	+135,891.89	+15,204.333	+868.600

43	+0.02172	+135,602.22	+ .00	+135,369.36	+14,408.295	-1,094.910
44	+0.02040	+127,189.94	+ .00	+126,893.21	+13,532.652	-1,094.910
45	+0.01930	+129,036.30	+ .00	+128,684.96	+12,802.951	-678.660
46	+0.01819	+128,930.22	+ .00	+128,809.29	+12,066.615	-678.660
47	+0.01729	+140,247.45	+ .00	+139,806.52	+11,469.586	+2,486.850
48	+0.01664	+151,917.16	+ .00	+151,493.50	+11,038.399	+2,486.850

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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	+1,862.544	+0.000	+13,366.432
02	+0.000	+0.000	+0.000	+1,891.251	+0.000	+13,572.450
03	+0.000	+0.000	+0.000	+1,891.251	+0.000	+13,572.450
04	+0.000	+0.000	+0.000	+1,852.209	+0.000	+13,292.266
05	+0.000	+0.000	+0.000	+1,825.798	+0.000	+13,102.730
06	+0.000	+0.000	+0.000	+1,816.612	+0.000	+13,036.804
07	+0.000	+0.000	+0.000	+1,806.277	+0.000	+12,962.637
08	+0.000	+0.000	+0.000	+1,791.349	+0.000	+12,855.508
09	+0.000	+0.000	+0.000	+1,759.197	+0.000	+12,624.768
10	+0.000	+0.000	+0.000	+1,746.566	+0.000	+12,534.121
11	+0.000	+0.000	+0.000	+1,766.087	+0.000	+12,674.213
12	+0.000	+0.000	+0.000	+1,821.205	+0.000	+13,069.767
13	+0.000	+0.000	+0.000	+2,010.675	+0.000	+14,429.484
14	+0.000	+0.000	+0.000	+2,200.144	+0.000	+15,789.201
15	+0.000	+0.000	+0.000	+2,373.538	+0.000	+17,033.548
16	+0.000	+0.000	+0.000	+2,471.143	+0.000	+17,734.009
17	+0.000	+0.000	+0.000	+2,564.156	+0.000	+18,401.506
18	+0.000	+0.000	+0.000	+2,638.795	+0.000	+18,937.152
19	+0.000	+0.000	+0.000	+2,666.354	+0.000	+19,134.930
20	+0.000	+0.000	+0.000	+2,697.359	+0.000	+19,357.429
21	+0.000	+0.000	+0.000	+2,719.176	+0.000	+19,514.002
22	+0.000	+0.000	+0.000	+2,727.214	+0.000	+19,571.687
23	+0.000	+0.000	+0.000	+2,743.291	+0.000	+19,687.057
24	+0.000	+0.000	+0.000	+2,752.477	+0.000	+19,752.983
25	+0.000	+0.000	+0.000	+2,766.257	+0.000	+19,851.871
26	+0.000	+0.000	+0.000	+2,740.994	+0.000	+19,670.576
27	+0.000	+0.000	+0.000	+2,721.473	+0.000	+19,530.484
28	+0.000	+0.000	+0.000	+2,644.537	+0.000	+18,978.356
29	+0.000	+0.000	+0.000	+2,635.350	+0.000	+18,912.430
30	+0.000	+0.000	+0.000	+2,603.198	+0.000	+18,681.690
31	+0.000	+0.000	+0.000	+2,569.897	+0.000	+18,442.710
32	+0.000	+0.000	+0.000	+2,576.787	+0.000	+18,492.154
33	+0.000	+0.000	+0.000	+2,644.537	+0.000	+18,978.356
34	+0.000	+0.000	+0.000	+2,709.990	+0.000	+19,448.077
35	+0.000	+0.000	+0.000	+2,809.892	+0.000	+20,165.018
36	+0.000	+0.000	+0.000	+2,917.832	+0.000	+20,939.645
37	+0.000	+0.000	+0.000	+2,976.396	+0.000	+21,359.921
38	+0.000	+0.000	+0.000	+2,954.578	+0.000	+21,203.348
39	+0.000	+0.000	+0.000	+2,910.943	+0.000	+20,890.201
40	+0.000	+0.000	+0.000	+2,846.638	+0.000	+20,428.721
41	+0.000	+0.000	+0.000	+2,739.846	+0.000	+19,662.335
42	+0.000	+0.000	+0.000	+2,631.905	+0.000	+18,887.708

43	+.000	+.000	+.000	+2,494.109	+.000	+17,898.823
44	+.000	+.000	+.000	+2,342.534	+.000	+16,811.049
45	+.000	+.000	+.000	+2,216.221	+.000	+15,904.571
46	+.000	+.000	+.000	+2,088.759	+.000	+14,989.852
47	+.000	+.000	+.000	+1,985.412	+.000	+14,248.188
48	+.000	+.000	+.000	+1,910.773	+.000	+13,712.542

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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	+66.963	+.000	-1,325.333	+.000
02	+.000	+.000	+67.995	+.000	-1,345.761	+.000
03	+.000	+.000	+67.995	+.000	-1,345.761	+.000
04	+.000	+.000	+66.591	+.000	-1,317.980	+.000
05	+.000	+.000	+65.642	+.000	-1,299.186	+.000
06	+.000	+.000	+65.312	+.000	-1,292.650	+.000
07	+.000	+.000	+64.940	+.000	-1,285.296	+.000
08	+.000	+.000	+64.403	+.000	-1,274.673	+.000
09	+.000	+.000	+63.247	+.000	-1,251.795	+.000
10	+.000	+.000	+62.793	+.000	-1,242.807	+.000
11	+.000	+.000	+63.495	+.000	-1,256.697	+.000
12	+.000	+.000	+65.477	+.000	-1,295.918	+.000
13	+.000	+.000	+72.289	+.000	-1,430.739	+.000
14	+.000	+.000	+79.101	+.000	-1,565.560	+.000
15	+.000	+.000	+85.334	+.000	-1,688.942	+.000
16	+.000	+.000	+88.844	+.000	-1,758.396	+.000
17	+.000	+.000	+92.188	+.000	-1,824.581	+.000
18	+.000	+.000	+94.871	+.000	-1,877.692	+.000
19	+.000	+.000	+95.862	+.000	-1,897.302	+.000
20	+.000	+.000	+96.977	+.000	-1,919.364	+.000
21	+.000	+.000	+97.761	+.000	-1,934.889	+.000
22	+.000	+.000	+98.050	+.000	-1,940.608	+.000
23	+.000	+.000	+98.628	+.000	-1,952.048	+.000
24	+.000	+.000	+98.958	+.000	-1,958.585	+.000
25	+.000	+.000	+99.454	+.000	-1,968.390	+.000
26	+.000	+.000	+98.545	+.000	-1,950.414	+.000
27	+.000	+.000	+97.844	+.000	-1,936.523	+.000
28	+.000	+.000	+95.078	+.000	-1,881.777	+.000
29	+.000	+.000	+94.747	+.000	-1,875.241	+.000
30	+.000	+.000	+93.591	+.000	-1,852.362	+.000
31	+.000	+.000	+92.394	+.000	-1,828.666	+.000
32	+.000	+.000	+92.642	+.000	-1,833.569	+.000
33	+.000	+.000	+95.078	+.000	-1,881.777	+.000
34	+.000	+.000	+97.431	+.000	-1,928.352	+.000
35	+.000	+.000	+101.022	+.000	-1,999.440	+.000
36	+.000	+.000	+104.903	+.000	-2,076.247	+.000
37	+.000	+.000	+107.009	+.000	-2,117.919	+.000
38	+.000	+.000	+106.224	+.000	-2,102.394	+.000
39	+.000	+.000	+104.655	+.000	-2,071.344	+.000
40	+.000	+.000	+102.344	+.000	-2,025.587	+.000
41	+.000	+.000	+98.504	+.000	-1,949.597	+.000
42	+.000	+.000	+94.623	+.000	-1,872.789	+.000

43	+.000	+.000	+89.669	+.000	-1,774.738	+.000
44	+.000	+.000	+84.220	+.000	-1,666.881	+.000
45	+.000	+.000	+79.679	+.000	-1,577.000	+.000
46	+.000	+.000	+75.096	+.000	-1,486.302	+.000
47	+.000	+.000	+71.380	+.000	-1,412.763	+.000
48	+.000	+.000	+68.697	+.000	-1,359.652	+.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	+109,030.011
02	+ .000	+103,682.222
03	+ .000	+98,965.942
04	+ .000	+83,600.059
05	+ .000	+82,863.992
06	+ .000	+74,847.867
07	+ .000	+83,023.075
08	+ .000	+78,076.606
09	+ .000	+61,671.615
10	+ .000	+58,996.899
11	+ .000	+76,460.856
12	+ .000	+81,357.754
13	+ .000	+82,548.785
14	+ .000	+90,548.465
15	+ .000	+95,953.119
16	+ .000	+83,620.132
17	+ .000	+95,524.637
18	+ .000	+107,323.572
19	+ .000	+96,930.466
20	+ .000	+91,173.851
21	+ .000	+95,462.761
22	+ .000	+115,821.049
23	+ .000	+142,048.755
24	+ .000	+148,099.480
25	+ .000	+152,043.202
26	+ .000	+165,292.952
27	+ .000	+162,992.385
28	+ .000	+161,042.226
29	+ .000	+160,606.571
30	+ .000	+163,745.310
31	+ .000	+159,997.051
32	+ .000	+161,598.592
33	+ .000	+157,058.056
34	+ .000	+174,444.977
35	+ .000	+193,044.873
36	+ .000	+195,308.306
37	+ .000	+204,893.426
38	+ .000	+186,297.376
39	+ .000	+173,681.135
40	+ .000	+162,013.202
41	+ .000	+169,149.625
42	+ .000	+171,706.271

43	+.000	+167,390.609
44	+.000	+156,901.875
45	+.000	+157,432.721
46	+.000	+155,864.651
47	+.000	+168,655.174
48	+.000	+179,351.109