

Date: 19/12/2019

Settlement Day:11/12/2019

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: 255

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,627,930.970	+42,118,258.940
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,504,018.990	+447,700,028.510
Balancing Services Contract Cost	+800,805.130	+185,659,078.897
Balancing Services Cost Variable	+322,202.310	+114,109,396.065
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	+31,436,342.408
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+210,138,115.200
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,052,747.100
ESO Incentive Recovery t-1	+80,000.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-4,003,781.670
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+210,138,115.200
Total External Costs	+5,752,732.691	+787,455,779.160
Total Adjusted Energy Volume (MWh)	+1,584,887.450	

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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	+23,873.570	+200,832.721	+8.41235
02	+24,052.946	+191,700.761	+7.96995
03	+24,113.976	+192,525.169	+7.98397
04	+23,723.561	+175,555.139	+7.40003
05	+23,652.789	+172,061.270	+7.27446
06	+23,681.565	+179,827.942	+7.59358
07	+23,571.410	+185,158.521	+7.85522
08	+23,488.185	+181,685.142	+7.73517
09	+23,028.884	+178,547.353	+7.75319
10	+23,211.547	+189,356.763	+8.15787
11	+23,562.553	+193,400.731	+8.20797
12	+25,113.234	+203,121.412	+8.08822
13	+28,243.878	+200,173.429	+7.08732
14	+31,273.645	+154,213.891	+4.93111
15	+34,560.814	+158,159.543	+4.57627
16	+36,422.486	+152,585.604	+4.18932
17	+36,910.741	+125,593.715	+3.40263
18	+37,050.318	+120,443.677	+3.25081
19	+37,545.961	+130,416.098	+3.47351
20	+37,235.408	+114,338.631	+3.07070
21	+37,239.056	+103,445.107	+2.77787
22	+37,258.713	+105,680.773	+2.83640
23	+37,134.188	+107,584.246	+2.89718
24	+37,162.135	+108,614.858	+2.92273
25	+37,001.773	+135,905.230	+3.67294
26	+37,008.825	+131,246.910	+3.54637
27	+37,316.125	+117,575.760	+3.15080
28	+37,192.144	+134,383.370	+3.61322
29	+37,486.194	+136,486.855	+3.64099
30	+37,333.573	+118,623.542	+3.17740
31	+37,401.332	+130,760.365	+3.49614
32	+38,600.829	+134,044.298	+3.47258
33	+40,081.076	+128,184.740	+3.19814
34	+40,684.170	+131,293.921	+3.22715
35	+40,593.813	+121,438.026	+2.99154
36	+40,414.779	+98,445.062	+2.43587
37	+40,393.303	+103,680.506	+2.56677
38	+40,041.212	+113,800.912	+2.84209
39	+39,605.115	+108,861.085	+2.74866
40	+38,747.741	+109,487.600	+2.82565
41	+37,608.465	+106,712.681	+2.83746
42	+36,108.948	+95,889.598	+2.65556

43	+34,336.677	+123,112.951	+3.58546
44	+32,432.963	+114,766.457	+3.53857
45	+30,618.006	+100,516.253	+3.28291
46	+28,840.812	+92,779.660	+3.21696
47	+26,702.159	+78,686.164	+2.94681
48	+25,225.853	+85,134.302	+3.37488

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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	+0.01506	+161,766.81	+0.00	+159,419.06	+12,060.125	+15,049.890
02	+0.01518	+152,437.29	+0.00	+150,077.03	+12,156.222	+15,049.890
03	+0.01521	+160,630.29	+0.00	+158,293.26	+12,180.246	+7,605.550
04	+0.01497	+143,938.07	+0.00	+141,743.37	+11,988.053	+7,605.550
05	+0.01492	+149,393.11	+0.00	+145,820.75	+11,948.013	+121.830
06	+0.01494	+156,976.67	+0.00	+153,552.41	+11,964.029	+121.830
07	+0.01487	+163,409.73	+0.00	+158,442.93	+11,907.972	+684.430
08	+0.01482	+159,307.42	+0.00	+155,057.08	+11,867.932	+684.430
09	+0.01453	+155,255.03	+0.00	+152,426.96	+11,635.699	+684.430
10	+0.01465	+167,060.91	+0.00	+163,026.30	+11,731.795	+684.430
11	+0.01487	+171,272.55	+0.00	+167,960.15	+11,907.972	-590.580
12	+0.01585	+178,821.20	+0.00	+175,965.26	+12,692.761	-590.580
13	+0.01782	+165,945.96	+0.00	+162,615.44	+14,270.347	+6,362.610
14	+0.01973	+118,012.04	+0.00	+113,312.29	+15,799.885	+6,362.610
15	+0.02181	+84,468.34	+0.00	+80,389.35	+17,465.560	+39,589.990
16	+0.02298	+77,330.53	+0.00	+72,767.23	+18,402.502	+39,589.990
17	+0.02329	+68,800.99	+0.00	+64,522.09	+18,650.751	+20,300.560
18	+0.02338	+63,241.11	+0.00	+59,214.50	+18,722.824	+20,300.560
19	+0.02369	+83,724.19	+0.00	+82,107.19	+18,971.074	+6,837.610
20	+0.02349	+68,845.97	+0.00	+66,379.84	+18,810.913	+6,837.610
21	+0.02350	+66,461.50	+0.00	+55,468.81	+18,818.921	+6,837.610
22	+0.02351	+68,557.26	+0.00	+57,686.97	+18,826.929	+6,837.610
23	+0.02343	+70,539.94	+0.00	+59,730.49	+18,762.864	+6,837.610
24	+0.02345	+64,615.27	+0.00	+60,726.09	+18,778.880	+6,837.610
25	+0.02335	+90,964.39	+0.00	+89,807.20	+18,698.800	+5,221.930
26	+0.02335	+87,036.84	+0.00	+85,148.88	+18,698.800	+5,221.930
27	+0.02354	+78,659.43	+0.00	+76,367.05	+18,850.953	+0.000
28	+0.02347	+94,530.44	+0.00	+93,297.20	+18,794.896	+0.000
29	+0.02365	+95,403.68	+0.00	+95,085.58	+18,939.041	+0.000
30	+0.02356	+77,776.30	+0.00	+77,379.82	+18,866.969	+0.000
31	+0.02360	+62,495.96	+0.00	+61,484.62	+18,899.001	+27,962.000
32	+0.02436	+64,147.68	+0.00	+63,438.11	+19,507.613	+27,962.000
33	+0.02529	+79,103.16	+0.00	+78,690.58	+20,252.362	+5,221.930
34	+0.02567	+81,969.83	+0.00	+81,134.54	+20,556.668	+5,221.930
35	+0.02561	+74,240.61	+0.00	+71,383.68	+20,508.619	+5,221.930
36	+0.02550	+52,732.60	+0.00	+48,583.28	+20,420.531	+5,221.930
37	+0.02549	+54,379.24	+0.00	+53,836.23	+20,412.523	+5,221.930
38	+0.02526	+64,676.30	+0.00	+64,359.27	+20,228.338	+5,221.930
39	+0.02499	+60,082.93	+0.00	+59,892.10	+20,012.120	+5,221.930
40	+0.02445	+61,661.89	+0.00	+61,463.93	+19,579.685	+5,221.930
41	+0.02373	+60,214.75	+0.00	+59,949.43	+19,003.106	+5,221.930
42	+0.02278	+56,250.48	+0.00	+56,011.33	+18,242.341	+0.000

43	+0.02167	+85,322.62	+.00	+85,177.83	+17,353.447	+.000
44	+0.02046	+79,005.39	+.00	+78,949.54	+16,384.473	+.000
45	+0.01932	+66,796.46	+.00	+66,695.00	+15,471.555	+.000
46	+0.01820	+61,122.38	+.00	+60,919.06	+14,574.653	+.000
47	+0.01685	+55,328.77	+.00	+55,091.85	+13,493.566	-5,903.000
48	+0.01592	+63,216.66	+.00	+63,168.03	+12,748.818	-5,903.000

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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	+1,856.712	+0.000	+12,410.510
02	+0.000	+0.000	+0.000	+1,871.507	+0.000	+12,509.398
03	+0.000	+0.000	+0.000	+1,875.205	+0.000	+12,534.121
04	+0.000	+0.000	+0.000	+1,845.616	+0.000	+12,336.343
05	+0.000	+0.000	+0.000	+1,839.452	+0.000	+12,295.140
06	+0.000	+0.000	+0.000	+1,841.918	+0.000	+12,311.621
07	+0.000	+0.000	+0.000	+1,833.288	+0.000	+12,253.936
08	+0.000	+0.000	+0.000	+1,827.123	+0.000	+12,212.733
09	+0.000	+0.000	+0.000	+1,791.370	+0.000	+11,973.752
10	+0.000	+0.000	+0.000	+1,806.164	+0.000	+12,072.641
11	+0.000	+0.000	+0.000	+1,833.288	+0.000	+12,253.936
12	+0.000	+0.000	+0.000	+1,954.110	+0.000	+13,061.526
13	+0.000	+0.000	+0.000	+2,196.986	+0.000	+14,684.946
14	+0.000	+0.000	+0.000	+2,432.466	+0.000	+16,258.922
15	+0.000	+0.000	+0.000	+2,688.904	+0.000	+17,972.989
16	+0.000	+0.000	+0.000	+2,833.151	+0.000	+18,937.152
17	+0.000	+0.000	+0.000	+2,871.370	+0.000	+19,192.615
18	+0.000	+0.000	+0.000	+2,882.466	+0.000	+19,266.781
19	+0.000	+0.000	+0.000	+2,920.685	+0.000	+19,522.243
20	+0.000	+0.000	+0.000	+2,896.027	+0.000	+19,357.429
21	+0.000	+0.000	+0.000	+2,897.260	+0.000	+19,365.669
22	+0.000	+0.000	+0.000	+2,898.493	+0.000	+19,373.910
23	+0.000	+0.000	+0.000	+2,888.630	+0.000	+19,307.984
24	+0.000	+0.000	+0.000	+2,891.096	+0.000	+19,324.466
25	+0.000	+0.000	+0.000	+2,878.767	+0.000	+19,242.059
26	+0.000	+0.000	+0.000	+2,878.767	+0.000	+19,242.059
27	+0.000	+0.000	+0.000	+2,902.192	+0.000	+19,398.632
28	+0.000	+0.000	+0.000	+2,893.562	+0.000	+19,340.947
29	+0.000	+0.000	+0.000	+2,915.753	+0.000	+19,489.280
30	+0.000	+0.000	+0.000	+2,904.658	+0.000	+19,415.114
31	+0.000	+0.000	+0.000	+2,909.589	+0.000	+19,448.077
32	+0.000	+0.000	+0.000	+3,003.288	+0.000	+20,074.371
33	+0.000	+0.000	+0.000	+3,117.945	+0.000	+20,840.757
34	+0.000	+0.000	+0.000	+3,164.795	+0.000	+21,153.904
35	+0.000	+0.000	+0.000	+3,157.397	+0.000	+21,104.459
36	+0.000	+0.000	+0.000	+3,143.836	+0.000	+21,013.812
37	+0.000	+0.000	+0.000	+3,142.603	+0.000	+21,005.571
38	+0.000	+0.000	+0.000	+3,114.247	+0.000	+20,816.034
39	+0.000	+0.000	+0.000	+3,080.959	+0.000	+20,593.535
40	+0.000	+0.000	+0.000	+3,014.384	+0.000	+20,148.537
41	+0.000	+0.000	+0.000	+2,925.616	+0.000	+19,555.206
42	+0.000	+0.000	+0.000	+2,808.493	+0.000	+18,772.338

43	+.000	+.000	+.000	+2,671.644	+.000	+17,857.619
44	+.000	+.000	+.000	+2,522.466	+.000	+16,860.493
45	+.000	+.000	+.000	+2,381.918	+.000	+15,921.052
46	+.000	+.000	+.000	+2,243.836	+.000	+14,998.093
47	+.000	+.000	+.000	+2,077.397	+.000	+13,885.597
48	+.000	+.000	+.000	+1,962.740	+.000	+13,119.211

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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	+62.174	+1,204.800	-1,230.550	+.000
02	+.000	+.000	+62.669	+1,214.400	-1,240.355	+.000
03	+.000	+.000	+62.793	+1,216.800	-1,242.807	+.000
04	+.000	+.000	+61.802	+1,197.600	-1,223.196	+.000
05	+.000	+.000	+61.596	+1,193.600	-1,219.111	+.000
06	+.000	+.000	+61.679	+1,195.200	-1,220.745	+.000
07	+.000	+.000	+61.390	+1,189.600	-1,215.025	+.000
08	+.000	+.000	+61.183	+1,185.600	-1,210.940	+.000
09	+.000	+.000	+59.986	+1,162.400	-1,187.244	+.000
10	+.000	+.000	+60.481	+1,172.000	-1,197.049	+.000
11	+.000	+.000	+61.390	+1,189.600	-1,215.025	+.000
12	+.000	+.000	+65.435	+1,268.000	-1,295.101	+.000
13	+.000	+.000	+73.568	+1,425.600	-1,456.069	+.000
14	+.000	+.000	+81.454	+1,578.400	-1,612.135	+.000
15	+.000	+.000	+90.041	+1,744.800	-1,782.091	+.000
16	+.000	+.000	+94.871	+1,838.400	-1,877.692	+.000
17	+.000	+.000	+96.151	+1,863.200	-1,903.022	+.000
18	+.000	+.000	+96.522	+1,870.400	-1,910.376	+.000
19	+.000	+.000	+97.802	+1,895.200	-1,935.706	+.000
20	+.000	+.000	+96.977	+1,879.200	-1,919.364	+.000
21	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
22	+.000	+.000	+97.059	+1,880.800	-1,920.998	+.000
23	+.000	+.000	+96.729	+1,874.400	-1,914.461	+.000
24	+.000	+.000	+96.811	+1,876.000	-1,916.096	+.000
25	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
26	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
27	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000
28	+.000	+.000	+96.894	+1,877.600	-1,917.730	+.000
29	+.000	+.000	+97.637	+1,892.000	-1,932.437	+.000
30	+.000	+.000	+97.266	+1,884.800	-1,925.084	+.000
31	+.000	+.000	+97.431	+1,888.000	-1,928.352	+.000
32	+.000	+.000	+100.568	+1,948.800	-1,990.451	+.000
33	+.000	+.000	+104.408	+2,023.200	-2,066.442	+.000
34	+.000	+.000	+105.977	+2,053.600	-2,097.491	+.000
35	+.000	+.000	+105.729	+2,048.800	-2,092.589	+.000
36	+.000	+.000	+105.275	+2,040.000	-2,083.601	+.000
37	+.000	+.000	+105.233	+2,039.200	-2,082.784	+.000
38	+.000	+.000	+104.284	+2,020.800	-2,063.990	+.000
39	+.000	+.000	+103.169	+1,999.200	-2,041.929	+.000
40	+.000	+.000	+100.940	+1,956.000	-1,997.805	+.000
41	+.000	+.000	+97.967	+1,898.400	-1,938.974	+.000
42	+.000	+.000	+94.045	+1,822.400	-1,861.350	+.000



43	+.000	+.000	+89.463	+1,733.600	-1,770.652	+.000
44	+.000	+.000	+84.467	+1,636.800	-1,671.783	+.000
45	+.000	+.000	+79.761	+1,545.600	-1,578.634	+.000
46	+.000	+.000	+75.137	+1,456.000	-1,487.119	+.000
47	+.000	+.000	+69.564	+1,348.000	-1,376.811	+.000
48	+.000	+.000	+65.724	+1,273.600	-1,300.820	+.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	+200,832.721
02	+ .000	+191,700.761
03	+ .000	+192,525.169
04	+ .000	+175,555.139
05	+ .000	+172,061.270
06	+ .000	+179,827.942
07	+ .000	+185,158.521
08	+ .000	+181,685.142
09	+ .000	+178,547.353
10	+ .000	+189,356.763
11	+ .000	+193,400.731
12	+ .000	+203,121.412
13	+ .000	+200,173.429
14	+ .000	+154,213.891
15	+ .000	+158,159.543
16	+ .000	+152,585.604
17	+ .000	+125,593.715
18	+ .000	+120,443.677
19	+ .000	+130,416.098
20	+ .000	+114,338.631
21	+ .000	+103,445.107
22	+ .000	+105,680.773
23	+ .000	+107,584.246
24	+ .000	+108,614.858
25	+ .000	+135,905.230
26	+ .000	+131,246.910
27	+ .000	+117,575.760
28	+ .000	+134,383.370
29	+ .000	+136,486.855
30	+ .000	+118,623.542
31	+ .000	+130,760.365
32	+ .000	+134,044.298
33	+ .000	+128,184.740
34	+ .000	+131,293.921
35	+ .000	+121,438.026
36	+ .000	+98,445.062
37	+ .000	+103,680.506
38	+ .000	+113,800.912
39	+ .000	+108,861.085
40	+ .000	+109,487.600
41	+ .000	+106,712.681
42	+ .000	+95,889.598

43	+.000	+123,112.951
44	+.000	+114,766.457
45	+.000	+100,516.253
46	+.000	+92,779.660
47	+.000	+78,686.164
48	+.000	+85,134.302