

Date: 10/12/2019

Settlement Day:15/11/2019

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: 229

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+ .000
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+707,696.360	+382,171,781.220
Balancing Services Contract Cost	+790,763.476	+203,685,140.597
Balancing Services Cost Variable	+1,008,010.750	+98,336,410.075
ESO Incentive Recovery Costs	+ .000	+7,000,000.000
Black Start Capital Costs	+ .000	+ .000
Black Start Testing Costs	+ .000	+ .000
Black Start Availability Costs	+124,335.080	+26,783,656.996
Black Start Other Costs	+ .000	+ .000
System Operator Internal Costs	+824,071.040	+188,712,268.160
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+4,128.420	+945,408.180
ESO Incentive Recovery t-1	+80,000.000	+3,040,000.000
ALoMCP Recovery	-81,709.830	-3,104,973.540
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+824,071.040	+188,712,268.160
Total External Costs	+2,633,224.256	+718,857,423.528
Total Adjusted Energy Volume (MWh)	+1,563,328.669	

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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	+23,333.957	+65,369.302	+2.80147
02	+23,685.660	+63,801.551	+2.69368
03	+23,981.608	+65,507.593	+2.73158
04	+23,337.224	+61,304.092	+2.62688
05	+23,201.593	+64,637.349	+2.78590
06	+23,356.842	+61,529.998	+2.63435
07	+23,446.887	+67,396.613	+2.87444
08	+23,189.497	+63,170.253	+2.72409
09	+23,323.550	+67,312.276	+2.88602
10	+23,307.773	+71,846.280	+3.08250
11	+23,491.070	+101,720.360	+4.33017
12	+24,903.561	+97,151.590	+3.90111
13	+28,067.852	+100,681.738	+3.58708
14	+31,274.386	+94,631.034	+3.02583
15	+34,520.637	+86,368.927	+2.50195
16	+36,241.972	+91,684.814	+2.52980
17	+37,044.252	+91,188.560	+2.46161
18	+37,064.812	+87,472.296	+2.35998
19	+37,448.997	+88,442.337	+2.36167
20	+37,534.711	+80,060.872	+2.13298
21	+37,757.446	+68,425.495	+1.81224
22	+37,859.734	+77,334.476	+2.04266
23	+37,693.946	+89,223.021	+2.36704
24	+37,529.704	+72,657.652	+1.93600
25	+37,655.935	+68,362.279	+1.81545
26	+37,404.626	+64,847.725	+1.73368
27	+37,040.879	+64,540.374	+1.74241
28	+36,882.027	+62,903.335	+1.70553
29	+37,156.434	+64,302.981	+1.73060
30	+37,214.930	+63,260.449	+1.69987
31	+37,462.480	+59,083.653	+1.57714
32	+38,042.900	+70,343.131	+1.84905
33	+38,646.096	+60,096.830	+1.55506
34	+40,061.250	+74,568.025	+1.86135
35	+40,317.633	+77,016.479	+1.91024
36	+39,929.507	+75,702.352	+1.89590
37	+39,058.811	+76,099.173	+1.94832
38	+38,384.705	+81,242.180	+2.11652
39	+37,463.573	+72,401.083	+1.93257
40	+36,496.763	+64,271.884	+1.76103
41	+35,450.204	+67,280.100	+1.89788
42	+34,241.807	+55,239.361	+1.61321

43	+32,775.837	+55,149.304	+1.68262
44	+31,193.011	+59,132.934	+1.89571
45	+29,211.430	+55,557.033	+1.90189
46	+27,744.164	+63,187.950	+2.27752
47	+25,999.261	+66,767.432	+2.56805
48	+24,896.735	+57,020.770	+2.29029

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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	+0.01493	+0.00	+0.00	+17,027.27	+11,806.099	+22,340.120
02	+0.01515	+0.00	+0.00	+15,076.37	+11,980.067	+22,340.120
03	+0.01534	+0.00	+0.00	+16,150.51	+12,130.312	+22,641.120
04	+0.01493	+0.00	+0.00	+12,661.06	+11,806.099	+22,641.120
05	+0.01484	+0.00	+0.00	+12,624.56	+11,734.930	+26,167.620
06	+0.01494	+0.00	+0.00	+9,343.05	+11,814.006	+26,167.620
07	+0.01500	+0.00	+0.00	+15,132.92	+11,861.452	+26,139.870
08	+0.01483	+0.00	+0.00	+11,202.63	+11,727.022	+26,139.870
09	+0.01492	+0.00	+0.00	+15,198.66	+11,798.191	+26,129.120
10	+0.01491	+0.00	+0.00	+19,750.08	+11,790.283	+26,129.120
11	+0.01503	+0.00	+0.00	+22,660.11	+11,885.175	+52,884.180
12	+0.01593	+0.00	+0.00	+16,523.91	+12,596.862	+52,884.180
13	+0.01795	+0.00	+0.00	+5,674.34	+14,194.204	+63,745.890
14	+0.02000	+0.00	+0.00	-3,946.62	+15,815.270	+63,745.890
15	+0.02208	+0.00	+0.00	+6,899.46	+17,460.058	+41,015.200
16	+0.02318	+0.00	+0.00	+10,299.60	+18,329.897	+41,015.200
17	+0.02370	+0.00	+0.00	+7,694.19	+18,741.094	+42,218.730
18	+0.02371	+0.00	+0.00	+3,960.51	+18,749.002	+42,218.730
19	+0.02395	+0.00	+0.00	+5,651.65	+18,938.785	+41,079.650
20	+0.02401	+0.00	+0.00	-2,834.31	+18,986.231	+41,079.650
21	+0.02415	+0.00	+0.00	+4,219.90	+19,096.938	+22,146.240
22	+0.02422	+0.00	+0.00	+13,006.97	+19,152.291	+22,146.240
23	+0.02411	+0.00	+0.00	+25,080.09	+19,065.307	+22,153.240
24	+0.02401	+0.00	+0.00	+8,688.88	+18,986.231	+22,153.240
25	+0.02409	+0.00	+0.00	+5,337.08	+19,049.492	+21,070.340
26	+0.02393	+0.00	+0.00	+2,101.18	+18,922.970	+21,070.340
27	+0.02369	+0.00	+0.00	+7,909.40	+18,733.187	+15,372.750
28	+0.02359	+0.00	+0.00	+6,446.52	+18,654.110	+15,372.750
29	+0.02377	+0.00	+0.00	+8,973.58	+18,796.448	+13,931.850
30	+0.02380	+0.00	+0.00	+7,878.80	+18,820.171	+13,931.850
31	+0.02396	+0.00	+0.00	+2,771.20	+18,946.693	+14,584.000
32	+0.02433	+0.00	+0.00	+13,386.29	+19,239.275	+14,584.000
33	+0.02472	+0.00	+0.00	+11,664.83	+19,547.673	+5,379.940
34	+0.02563	+0.00	+0.00	+24,551.18	+20,267.268	+5,379.940
35	+0.02579	+0.00	+0.00	+26,720.98	+20,393.790	+5,379.940
36	+0.02554	+0.00	+0.00	+25,842.25	+20,196.099	+5,379.940
37	+0.02498	+0.00	+0.00	+27,214.36	+19,753.272	+5,379.940
38	+0.02455	+0.00	+0.00	+33,106.25	+19,413.243	+5,379.940
39	+0.02396	+0.00	+0.00	+25,292.69	+18,946.693	+5,379.940
40	+0.02335	+0.00	+0.00	+18,225.86	+18,464.327	+5,379.940
41	+0.02268	+0.00	+0.00	+22,400.94	+17,934.516	+5,379.940
42	+0.02190	+0.00	+0.00	+17,098.58	+17,317.720	+0.00

43	+0.02097	+.00	+.00	+18,628.20	+16,582.310	+.000
44	+0.01995	+.00	+.00	+24,388.25	+15,775.731	+.000
45	+0.01869	+.00	+.00	+23,006.75	+14,779.369	+.000
46	+0.01775	+.00	+.00	+31,764.01	+14,036.052	+510.750
47	+0.01663	+.00	+.00	+31,884.47	+13,150.397	+5,920.350
48	+0.01593	+.00	+.00	+23,356.92	+12,596.862	+5,920.350

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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	+1,856.323	+0.000	+12,303.381
02	+0.000	+0.000	+0.000	+1,883.676	+0.000	+12,484.676
03	+0.000	+0.000	+0.000	+1,907.300	+0.000	+12,641.250
04	+0.000	+0.000	+0.000	+1,856.323	+0.000	+12,303.381
05	+0.000	+0.000	+0.000	+1,845.133	+0.000	+12,229.214
06	+0.000	+0.000	+0.000	+1,857.566	+0.000	+12,311.621
07	+0.000	+0.000	+0.000	+1,865.026	+0.000	+12,361.066
08	+0.000	+0.000	+0.000	+1,843.889	+0.000	+12,220.974
09	+0.000	+0.000	+0.000	+1,855.079	+0.000	+12,295.140
10	+0.000	+0.000	+0.000	+1,853.836	+0.000	+12,286.899
11	+0.000	+0.000	+0.000	+1,868.756	+0.000	+12,385.788
12	+0.000	+0.000	+0.000	+1,980.658	+0.000	+13,127.452
13	+0.000	+0.000	+0.000	+2,231.815	+0.000	+14,792.075
14	+0.000	+0.000	+0.000	+2,486.702	+0.000	+16,481.421
15	+0.000	+0.000	+0.000	+2,745.319	+0.000	+18,195.489
16	+0.000	+0.000	+0.000	+2,882.087	+0.000	+19,101.967
17	+0.000	+0.000	+0.000	+2,946.741	+0.000	+19,530.484
18	+0.000	+0.000	+0.000	+2,947.985	+0.000	+19,538.724
19	+0.000	+0.000	+0.000	+2,977.825	+0.000	+19,736.501
20	+0.000	+0.000	+0.000	+2,985.285	+0.000	+19,785.946
21	+0.000	+0.000	+0.000	+3,002.692	+0.000	+19,901.316
22	+0.000	+0.000	+0.000	+3,011.396	+0.000	+19,959.001
23	+0.000	+0.000	+0.000	+2,997.719	+0.000	+19,868.353
24	+0.000	+0.000	+0.000	+2,985.285	+0.000	+19,785.946
25	+0.000	+0.000	+0.000	+2,995.232	+0.000	+19,851.871
26	+0.000	+0.000	+0.000	+2,975.338	+0.000	+19,720.020
27	+0.000	+0.000	+0.000	+2,945.498	+0.000	+19,522.243
28	+0.000	+0.000	+0.000	+2,933.065	+0.000	+19,439.836
29	+0.000	+0.000	+0.000	+2,955.445	+0.000	+19,588.169
30	+0.000	+0.000	+0.000	+2,959.175	+0.000	+19,612.891
31	+0.000	+0.000	+0.000	+2,979.069	+0.000	+19,744.742
32	+0.000	+0.000	+0.000	+3,025.072	+0.000	+20,049.648
33	+0.000	+0.000	+0.000	+3,073.563	+0.000	+20,371.036
34	+0.000	+0.000	+0.000	+3,186.708	+0.000	+21,120.941
35	+0.000	+0.000	+0.000	+3,206.602	+0.000	+21,252.792
36	+0.000	+0.000	+0.000	+3,175.518	+0.000	+21,046.774
37	+0.000	+0.000	+0.000	+3,105.890	+0.000	+20,585.295
38	+0.000	+0.000	+0.000	+3,052.426	+0.000	+20,230.944
39	+0.000	+0.000	+0.000	+2,979.069	+0.000	+19,744.742
40	+0.000	+0.000	+0.000	+2,903.224	+0.000	+19,242.059
41	+0.000	+0.000	+0.000	+2,819.920	+0.000	+18,689.931
42	+0.000	+0.000	+0.000	+2,722.938	+0.000	+18,047.156

43	+.000	+.000	+.000	+2,607.307	+.000	+17,280.770
44	+.000	+.000	+.000	+2,480.485	+.000	+16,440.217
45	+.000	+.000	+.000	+2,323.823	+.000	+15,401.888
46	+.000	+.000	+.000	+2,206.948	+.000	+14,627.261
47	+.000	+.000	+.000	+2,067.692	+.000	+13,704.301
48	+.000	+.000	+.000	+1,980.658	+.000	+13,127.452

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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	+61.637	+1,194.400	-1,219.928	+.000
02	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
03	+.000	+.000	+63.330	+1,227.200	-1,253.429	+.000
04	+.000	+.000	+61.637	+1,194.400	-1,219.928	+.000
05	+.000	+.000	+61.266	+1,187.200	-1,212.574	+.000
06	+.000	+.000	+61.679	+1,195.200	-1,220.745	+.000
07	+.000	+.000	+61.926	+1,200.000	-1,225.647	+.000
08	+.000	+.000	+61.224	+1,186.400	-1,211.757	+.000
09	+.000	+.000	+61.596	+1,193.600	-1,219.111	+.000
10	+.000	+.000	+61.555	+1,192.800	-1,218.294	+.000
11	+.000	+.000	+62.050	+1,202.400	-1,228.099	+.000
12	+.000	+.000	+65.766	+1,274.400	-1,301.638	+.000
13	+.000	+.000	+74.105	+1,436.000	-1,466.691	+.000
14	+.000	+.000	+82.568	+1,600.000	-1,634.197	+.000
15	+.000	+.000	+91.156	+1,766.400	-1,804.153	+.000
16	+.000	+.000	+95.697	+1,854.400	-1,894.034	+.000
17	+.000	+.000	+97.844	+1,896.000	-1,936.523	+.000
18	+.000	+.000	+97.885	+1,896.800	-1,937.340	+.000
19	+.000	+.000	+98.876	+1,916.000	-1,956.950	+.000
20	+.000	+.000	+99.123	+1,920.800	-1,961.853	+.000
21	+.000	+.000	+99.701	+1,932.000	-1,973.292	+.000
22	+.000	+.000	+99.990	+1,937.600	-1,979.012	+.000
23	+.000	+.000	+99.536	+1,928.800	-1,970.024	+.000
24	+.000	+.000	+99.123	+1,920.800	-1,961.853	+.000
25	+.000	+.000	+99.454	+1,927.200	-1,968.390	+.000
26	+.000	+.000	+98.793	+1,914.400	-1,955.316	+.000
27	+.000	+.000	+97.802	+1,895.200	-1,935.706	+.000
28	+.000	+.000	+97.389	+1,887.200	-1,927.535	+.000
29	+.000	+.000	+98.133	+1,901.600	-1,942.243	+.000
30	+.000	+.000	+98.256	+1,904.000	-1,944.694	+.000
31	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
32	+.000	+.000	+100.444	+1,946.400	-1,988.000	+.000
33	+.000	+.000	+102.055	+1,977.600	-2,019.867	+.000
34	+.000	+.000	+105.811	+2,050.400	-2,094.223	+.000
35	+.000	+.000	+106.472	+2,063.200	-2,107.297	+.000
36	+.000	+.000	+105.440	+2,043.200	-2,086.869	+.000
37	+.000	+.000	+103.128	+1,998.400	-2,041.112	+.000
38	+.000	+.000	+101.353	+1,964.000	-2,005.976	+.000
39	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
40	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
41	+.000	+.000	+93.633	+1,814.400	-1,853.179	+.000
42	+.000	+.000	+90.412	+1,752.000	-1,789.445	+.000

43	+.000	+.000	+86.573	+1,677.600	-1,713.455	+.000
44	+.000	+.000	+82.362	+1,596.000	-1,630.111	+.000
45	+.000	+.000	+77.160	+1,495.200	-1,527.157	+.000
46	+.000	+.000	+73.279	+1,420.000	-1,450.349	+.000
47	+.000	+.000	+68.656	+1,330.400	-1,358.834	+.000
48	+.000	+.000	+65.766	+1,274.400	-1,301.638	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+65,369.302
02	+ .000	+63,801.551
03	+ .000	+65,507.593
04	+ .000	+61,304.092
05	+ .000	+64,637.349
06	+ .000	+61,529.998
07	+ .000	+67,396.613
08	+ .000	+63,170.253
09	+ .000	+67,312.276
10	+ .000	+71,846.280
11	+ .000	+101,720.360
12	+ .000	+97,151.590
13	+ .000	+100,681.738
14	+ .000	+94,631.034
15	+ .000	+86,368.927
16	+ .000	+91,684.814
17	+ .000	+91,188.560
18	+ .000	+87,472.296
19	+ .000	+88,442.337
20	+ .000	+80,060.872
21	+ .000	+68,425.495
22	+ .000	+77,334.476
23	+ .000	+89,223.021
24	+ .000	+72,657.652
25	+ .000	+68,362.279
26	+ .000	+64,847.725
27	+ .000	+64,540.374
28	+ .000	+62,903.335
29	+ .000	+64,302.981
30	+ .000	+63,260.449
31	+ .000	+59,083.653
32	+ .000	+70,343.131
33	+ .000	+60,096.830
34	+ .000	+74,568.025
35	+ .000	+77,016.479
36	+ .000	+75,702.352
37	+ .000	+76,099.173
38	+ .000	+81,242.180
39	+ .000	+72,401.083
40	+ .000	+64,271.884
41	+ .000	+67,280.100
42	+ .000	+55,239.361

43	+.000	+55,149.304
44	+.000	+59,132.934
45	+.000	+55,557.033
46	+.000	+63,187.950
47	+.000	+66,767.432
48	+.000	+57,020.770