

Date: 09/12/2019

Settlement Day:29/11/2019

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: 243

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	+1,016,979.380	+399,100,761.280
Balancing Services Contract Cost	+801,204.995	+178,783,629.689
Balancing Services Cost Variable	+112,000.600	+107,098,166.695
ESO Incentive Recovery Costs	+ .000	+7,581,967.850
Black Start Capital Costs	+ .000	+ .000
Black Start Testing Costs	+ .000	+ .000
Black Start Availability Costs	+123,287.671	+29,956,890.356
Black Start Other Costs	+ .000	+ .000
System Operator Internal Costs	+824,071.040	+200,249,262.720
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+4,128.420	+1,003,206.060
ESO Incentive Recovery t-1	+80,000.000	+2,960,000.000
ALoMCP Recovery	-81,709.830	-3,023,263.710
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+824,071.040	+200,249,262.720
Total External Costs	+2,055,891.236	+723,461,358.220
Total Adjusted Energy Volume (MWh)	+1,582,558.577	

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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	+24,746.943	+62,833.343	+2.53903
02	+25,117.882	+66,220.289	+2.63638
03	+25,006.414	+64,469.910	+2.57813
04	+24,441.726	+53,661.387	+2.19548
05	+24,479.214	+52,758.386	+2.15523
06	+24,160.736	+49,129.310	+2.03344
07	+24,069.822	+52,452.321	+2.17917
08	+23,902.634	+56,188.843	+2.35074
09	+23,818.730	+48,076.174	+2.01842
10	+23,970.473	+50,554.152	+2.10902
11	+24,652.762	+62,874.294	+2.55040
12	+25,717.759	+53,965.582	+2.09838
13	+28,595.025	+57,356.800	+2.00583
14	+31,781.940	+48,180.325	+1.51597
15	+35,499.509	+63,421.813	+1.78655
16	+37,189.109	+74,732.634	+2.00953
17	+37,249.077	+90,379.673	+2.42636
18	+37,221.956	+75,230.454	+2.02113
19	+37,445.060	+68,000.281	+1.81600
20	+37,143.220	+69,137.294	+1.86137
21	+36,679.236	+68,006.570	+1.85409
22	+36,380.835	+57,895.123	+1.59136
23	+35,956.266	+42,016.068	+1.16853
24	+35,753.403	+27,509.060	+0.76941
25	+35,693.352	+35,941.051	+1.00694
26	+35,614.290	+45,828.232	+1.28679
27	+35,710.201	+36,294.921	+1.01637
28	+35,795.573	+32,930.290	+0.91995
29	+36,262.851	+42,460.574	+1.17091
30	+36,644.361	+46,639.730	+1.27277
31	+36,998.630	+43,050.716	+1.16358
32	+37,990.867	+59,196.475	+1.55818
33	+39,148.562	+88,177.972	+2.25239
34	+40,067.740	+101,035.102	+2.52161
35	+40,464.411	+103,183.457	+2.54998
36	+40,226.998	+98,993.590	+2.46087
37	+39,631.553	+90,074.457	+2.27280
38	+39,508.256	+85,283.088	+2.15861
39	+39,158.418	+78,276.202	+1.99896
40	+38,420.780	+69,948.200	+1.82058
41	+36,736.318	+69,618.139	+1.89508
42	+35,625.573	+57,289.011	+1.60809

43	+34,335.721	+47,254.446	+1.37625
44	+32,652.578	+37,712.975	+1.15498
45	+30,930.524	+38,739.464	+1.25247
46	+29,340.531	+47,469.452	+1.61788
47	+27,978.901	+60,847.727	+2.17477
48	+26,641.857	+48,631.902	+1.82539

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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	+0.01564	+0.00	+0.00	+37,040.48	+12,530.846	-1,592.500
02	+0.01587	+0.00	+0.00	+40,024.70	+12,715.123	-1,592.500
03	+0.01580	+0.00	+0.00	+38,257.52	+12,659.039	-1,453.130
04	+0.01544	+0.00	+0.00	+28,079.35	+12,370.605	-1,453.130
05	+0.01547	+0.00	+0.00	+26,997.19	+12,394.641	-1,326.500
06	+0.01527	+0.00	+0.00	+23,718.31	+12,234.400	-1,326.500
07	+0.01521	+0.00	+0.00	+27,298.01	+12,186.328	-1,478.130
08	+0.01510	+0.00	+0.00	+31,227.14	+12,098.195	-1,478.130
09	+0.01505	+0.00	+0.00	+23,417.14	+12,058.135	-1,693.250
10	+0.01515	+0.00	+0.00	+25,720.02	+12,138.256	-1,693.250
11	+0.01558	+0.00	+0.00	+34,990.74	+12,482.774	+603.250
12	+0.01625	+0.00	+0.00	+24,908.87	+13,019.581	+603.250
13	+0.01807	+0.00	+0.00	+20,284.11	+14,477.774	+5,432.440
14	+0.02008	+0.00	+0.00	+7,588.16	+16,088.196	+5,432.440
15	+0.02243	+0.00	+0.00	+18,714.84	+17,971.028	+5,432.440
16	+0.02350	+0.00	+0.00	+28,152.11	+18,828.317	+5,432.440
17	+0.02354	+0.00	+0.00	+43,729.11	+18,860.366	+5,432.440
18	+0.02352	+0.00	+0.00	+28,614.91	+18,844.341	+5,432.440
19	+0.02366	+0.00	+0.00	+21,139.60	+18,956.510	+5,432.440
20	+0.02347	+0.00	+0.00	+22,609.30	+18,804.281	+5,432.440
21	+0.02318	+0.00	+0.00	+21,986.36	+18,571.932	+5,432.440
22	+0.02299	+0.00	+0.00	+12,207.60	+18,419.703	+5,432.440
23	+0.02272	+0.00	+0.00	-3,198.69	+18,203.377	+5,432.440
24	+0.02259	+0.00	+0.00	-17,478.07	+18,099.221	+5,432.440
25	+0.02255	+0.00	+0.00	-8,976.04	+18,067.173	+5,432.440
26	+0.02250	+0.00	+0.00	+998.69	+18,027.112	+5,432.440
27	+0.02256	+0.00	+0.00	-3,207.24	+18,075.185	+0.000
28	+0.02262	+0.00	+0.00	-6,676.93	+18,123.257	+0.000
29	+0.02291	+0.00	+0.00	+2,345.57	+18,355.606	+0.000
30	+0.02316	+0.00	+0.00	+6,086.98	+18,555.908	+0.000
31	+0.02338	+0.00	+0.00	+2,112.75	+18,732.173	+0.000
32	+0.02401	+0.00	+0.00	+17,155.39	+19,236.932	+0.000
33	+0.02474	+0.00	+0.00	+39,426.23	+19,821.812	+5,432.440
34	+0.02532	+0.00	+0.00	+51,267.79	+20,286.510	+5,432.440
35	+0.02557	+0.00	+0.00	+52,978.40	+20,486.812	+5,432.440
36	+0.02542	+0.00	+0.00	+49,051.18	+20,366.631	+5,432.440
37	+0.02504	+0.00	+0.00	+40,797.42	+20,062.173	+5,432.440
38	+0.02496	+0.00	+0.00	+36,146.13	+19,998.077	+5,432.440
39	+0.02474	+0.00	+0.00	+29,524.46	+19,821.812	+5,432.440
40	+0.02428	+0.00	+0.00	+22,001.91	+19,453.257	+5,432.440
41	+0.02321	+0.00	+0.00	+23,545.40	+18,595.968	+5,432.440
42	+0.02251	+0.00	+0.00	+17,874.40	+18,035.124	+0.000

43	+0.02170	+.00	+.00	+9,258.13	+17,386.148	+.000
44	+0.02063	+.00	+.00	+1,590.21	+16,528.859	+.000
45	+0.01954	+.00	+.00	+4,525.27	+15,655.546	+.000
46	+0.01854	+.00	+.00	+15,006.24	+14,854.341	+.000
47	+0.01768	+.00	+.00	+29,422.86	+14,165.304	+467.500
48	+0.01683	+.00	+.00	+18,695.37	+13,484.280	+467.500

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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	+1,928.219	+0.000	+12,888.471
02	+0.000	+0.000	+0.000	+1,956.575	+0.000	+13,078.007
03	+0.000	+0.000	+0.000	+1,947.945	+0.000	+13,020.322
04	+0.000	+0.000	+0.000	+1,903.562	+0.000	+12,723.657
05	+0.000	+0.000	+0.000	+1,907.260	+0.000	+12,748.379
06	+0.000	+0.000	+0.000	+1,882.603	+0.000	+12,583.565
07	+0.000	+0.000	+0.000	+1,875.205	+0.000	+12,534.121
08	+0.000	+0.000	+0.000	+1,861.644	+0.000	+12,443.473
09	+0.000	+0.000	+0.000	+1,855.479	+0.000	+12,402.269
10	+0.000	+0.000	+0.000	+1,867.808	+0.000	+12,484.676
11	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
12	+0.000	+0.000	+0.000	+2,003.425	+0.000	+13,391.154
13	+0.000	+0.000	+0.000	+2,227.808	+0.000	+14,890.964
14	+0.000	+0.000	+0.000	+2,475.616	+0.000	+16,547.346
15	+0.000	+0.000	+0.000	+2,765.342	+0.000	+18,483.913
16	+0.000	+0.000	+0.000	+2,897.260	+0.000	+19,365.669
17	+0.000	+0.000	+0.000	+2,902.192	+0.000	+19,398.632
18	+0.000	+0.000	+0.000	+2,899.726	+0.000	+19,382.151
19	+0.000	+0.000	+0.000	+2,916.986	+0.000	+19,497.521
20	+0.000	+0.000	+0.000	+2,893.562	+0.000	+19,340.947
21	+0.000	+0.000	+0.000	+2,857.808	+0.000	+19,101.967
22	+0.000	+0.000	+0.000	+2,834.384	+0.000	+18,945.393
23	+0.000	+0.000	+0.000	+2,801.096	+0.000	+18,722.894
24	+0.000	+0.000	+0.000	+2,785.068	+0.000	+18,615.765
25	+0.000	+0.000	+0.000	+2,780.137	+0.000	+18,582.802
26	+0.000	+0.000	+0.000	+2,773.973	+0.000	+18,541.598
27	+0.000	+0.000	+0.000	+2,781.370	+0.000	+18,591.043
28	+0.000	+0.000	+0.000	+2,788.767	+0.000	+18,640.487
29	+0.000	+0.000	+0.000	+2,824.521	+0.000	+18,879.468
30	+0.000	+0.000	+0.000	+2,855.342	+0.000	+19,085.485
31	+0.000	+0.000	+0.000	+2,882.466	+0.000	+19,266.781
32	+0.000	+0.000	+0.000	+2,960.137	+0.000	+19,785.946
33	+0.000	+0.000	+0.000	+3,050.137	+0.000	+20,387.518
34	+0.000	+0.000	+0.000	+3,121.644	+0.000	+20,865.479
35	+0.000	+0.000	+0.000	+3,152.466	+0.000	+21,071.496
36	+0.000	+0.000	+0.000	+3,133.973	+0.000	+20,947.886
37	+0.000	+0.000	+0.000	+3,087.123	+0.000	+20,634.739
38	+0.000	+0.000	+0.000	+3,077.260	+0.000	+20,568.813
39	+0.000	+0.000	+0.000	+3,050.137	+0.000	+20,387.518
40	+0.000	+0.000	+0.000	+2,993.425	+0.000	+20,008.445
41	+0.000	+0.000	+0.000	+2,861.507	+0.000	+19,126.689
42	+0.000	+0.000	+0.000	+2,775.205	+0.000	+18,549.839

43	+.000	+.000	+.000	+2,675.342	+.000	+17,882.342
44	+.000	+.000	+.000	+2,543.425	+.000	+17,000.586
45	+.000	+.000	+.000	+2,409.041	+.000	+16,102.348
46	+.000	+.000	+.000	+2,285.753	+.000	+15,278.277
47	+.000	+.000	+.000	+2,179.726	+.000	+14,569.576
48	+.000	+.000	+.000	+2,074.932	+.000	+13,869.116

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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	+64.568	+1,251.200	-1,277.942	+.000
02	+.000	+.000	+65.518	+1,269.600	-1,296.735	+.000
03	+.000	+.000	+65.229	+1,264.000	-1,291.015	+.000
04	+.000	+.000	+63.743	+1,235.200	-1,261.600	+.000
05	+.000	+.000	+63.867	+1,237.600	-1,264.051	+.000
06	+.000	+.000	+63.041	+1,221.600	-1,247.709	+.000
07	+.000	+.000	+62.793	+1,216.800	-1,242.807	+.000
08	+.000	+.000	+62.339	+1,208.000	-1,233.818	+.000
09	+.000	+.000	+62.133	+1,204.000	-1,229.733	+.000
10	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
11	+.000	+.000	+64.321	+1,246.400	-1,273.039	+.000
12	+.000	+.000	+67.087	+1,300.000	-1,327.785	+.000
13	+.000	+.000	+74.601	+1,445.600	-1,476.497	+.000
14	+.000	+.000	+82.899	+1,606.400	-1,640.733	+.000
15	+.000	+.000	+92.600	+1,794.400	-1,832.751	+.000
16	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
17	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000
18	+.000	+.000	+97.100	+1,881.600	-1,921.815	+.000
19	+.000	+.000	+97.678	+1,892.800	-1,933.255	+.000
20	+.000	+.000	+96.894	+1,877.600	-1,917.730	+.000
21	+.000	+.000	+95.697	+1,854.400	-1,894.034	+.000
22	+.000	+.000	+94.912	+1,839.200	-1,878.509	+.000
23	+.000	+.000	+93.798	+1,817.600	-1,856.447	+.000
24	+.000	+.000	+93.261	+1,807.200	-1,845.825	+.000
25	+.000	+.000	+93.096	+1,804.000	-1,842.557	+.000
26	+.000	+.000	+92.889	+1,800.000	-1,838.471	+.000
27	+.000	+.000	+93.137	+1,804.800	-1,843.374	+.000
28	+.000	+.000	+93.385	+1,809.600	-1,848.276	+.000
29	+.000	+.000	+94.582	+1,832.800	-1,871.972	+.000
30	+.000	+.000	+95.614	+1,852.800	-1,892.400	+.000
31	+.000	+.000	+96.522	+1,870.400	-1,910.376	+.000
32	+.000	+.000	+99.123	+1,920.800	-1,961.853	+.000
33	+.000	+.000	+102.137	+1,979.200	-2,021.501	+.000
34	+.000	+.000	+104.532	+2,025.600	-2,068.893	+.000
35	+.000	+.000	+105.564	+2,045.600	-2,089.320	+.000
36	+.000	+.000	+104.944	+2,033.600	-2,077.064	+.000
37	+.000	+.000	+103.376	+2,003.200	-2,046.014	+.000
38	+.000	+.000	+103.045	+1,996.800	-2,039.477	+.000
39	+.000	+.000	+102.137	+1,979.200	-2,021.501	+.000
40	+.000	+.000	+100.238	+1,942.400	-1,983.915	+.000
41	+.000	+.000	+95.821	+1,856.800	-1,896.485	+.000
42	+.000	+.000	+92.931	+1,800.800	-1,839.288	+.000

43	+.000	+.000	+89.587	+1,736.000	-1,773.103	+.000
44	+.000	+.000	+85.169	+1,650.400	-1,685.674	+.000
45	+.000	+.000	+80.669	+1,563.200	-1,596.610	+.000
46	+.000	+.000	+76.541	+1,483.200	-1,514.900	+.000
47	+.000	+.000	+72.990	+1,414.400	-1,444.630	+.000
48	+.000	+.000	+69.481	+1,346.400	-1,375.176	+.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	+62,833.343
02	+ .000	+66,220.289
03	+ .000	+64,469.910
04	+ .000	+53,661.387
05	+ .000	+52,758.386
06	+ .000	+49,129.310
07	+ .000	+52,452.321
08	+ .000	+56,188.843
09	+ .000	+48,076.174
10	+ .000	+50,554.152
11	+ .000	+62,874.294
12	+ .000	+53,965.582
13	+ .000	+57,356.800
14	+ .000	+48,180.325
15	+ .000	+63,421.813
16	+ .000	+74,732.634
17	+ .000	+90,379.673
18	+ .000	+75,230.454
19	+ .000	+68,000.281
20	+ .000	+69,137.294
21	+ .000	+68,006.570
22	+ .000	+57,895.123
23	+ .000	+42,016.068
24	+ .000	+27,509.060
25	+ .000	+35,941.051
26	+ .000	+45,828.232
27	+ .000	+36,294.921
28	+ .000	+32,930.290
29	+ .000	+42,460.574
30	+ .000	+46,639.730
31	+ .000	+43,050.716
32	+ .000	+59,196.475
33	+ .000	+88,177.972
34	+ .000	+101,035.102
35	+ .000	+103,183.457
36	+ .000	+98,993.590
37	+ .000	+90,074.457
38	+ .000	+85,283.088
39	+ .000	+78,276.202
40	+ .000	+69,948.200
41	+ .000	+69,618.139
42	+ .000	+57,289.011

43	+.000	+47,254.446
44	+.000	+37,712.975
45	+.000	+38,739.464
46	+.000	+47,469.452
47	+.000	+60,847.727
48	+.000	+48,631.902