

Date: 20/12/2019

Settlement Day:12/12/2019

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: 256

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,868,582.820	+43,986,841.760
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,775,696.890	+449,475,725.400
Balancing Services Contract Cost	+963,426.905	+186,622,505.802
Balancing Services Cost Variable	+86,920.810	+114,196,316.875
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	+31,559,630.079
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+210,962,186.240
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,056,875.520
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-4,085,491.500
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+210,962,186.240
Total External Costs	+2,871,750.866	+790,327,530.026
Total Adjusted Energy Volume (MWh)	+1,623,525.568	

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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	+24,983.074	+95,989.453	+3.84218
02	+25,619.103	+92,797.162	+3.62219
03	+25,356.444	+100,682.910	+3.97070
04	+24,932.325	+88,444.347	+3.54738
05	+24,423.447	+80,278.331	+3.28694
06	+24,586.880	+80,516.792	+3.27479
07	+24,272.221	+70,162.933	+2.89067
08	+23,954.940	+68,251.962	+2.84918
09	+23,786.215	+75,878.402	+3.19002
10	+23,670.233	+76,692.727	+3.24005
11	+24,032.299	+76,856.552	+3.19805
12	+25,312.396	+65,770.804	+2.59836
13	+28,566.375	+71,779.734	+2.51274
14	+32,387.768	+48,446.454	+1.49583
15	+36,521.650	+68,386.515	+1.87249
16	+38,277.072	+78,930.015	+2.06207
17	+39,108.816	+60,104.479	+1.53685
18	+39,488.038	+59,415.846	+1.50465
19	+39,950.536	+46,891.666	+1.17374
20	+39,966.236	+39,606.428	+0.99100
21	+40,391.937	+55,142.971	+1.36520
22	+40,433.368	+62,165.345	+1.53748
23	+40,440.141	+71,100.157	+1.75816
24	+40,393.363	+80,333.991	+1.98879
25	+40,236.967	+89,355.480	+2.22073
26	+39,878.280	+115,103.625	+2.88637
27	+39,297.655	+115,599.494	+2.94164
28	+38,683.922	+116,067.026	+3.00039
29	+38,430.451	+100,438.024	+2.61350
30	+38,248.004	+97,673.071	+2.55368
31	+38,293.307	+60,591.827	+1.58231
32	+39,204.806	+70,409.892	+1.79595
33	+39,727.551	+76,422.787	+1.92367
34	+39,276.758	+70,593.390	+1.79733
35	+39,360.850	+68,558.280	+1.74179
36	+39,338.405	+65,462.988	+1.66410
37	+39,272.286	+65,343.730	+1.66386
38	+39,419.049	+66,577.308	+1.68896
39	+39,208.630	+72,507.322	+1.84927
40	+38,309.970	+67,843.689	+1.77091
41	+37,234.426	+69,714.432	+1.87231
42	+35,566.478	+61,836.874	+1.73863

43	+33,716.197	+72,863.471	+2.16108
44	+31,731.851	+70,059.152	+2.20785
45	+29,662.516	+81,932.901	+2.76217
46	+27,830.003	+85,303.940	+3.06518
47	+25,965.996	+110,215.785	+4.24462
48	+24,776.333	+110,739.776	+4.46958

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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	+0.01539	+76,652.65	+0.00	+76,418.94	+14,827.140	-8,642.500
02	+0.01578	+72,636.93	+0.00	+72,511.70	+15,202.877	-8,642.500
03	+0.01562	+80,674.91	+0.00	+80,505.26	+15,048.728	-8,457.000
04	+0.01536	+69,097.07	+0.00	+68,743.33	+14,798.237	-8,457.000
05	+0.01504	+61,736.16	+0.00	+61,128.44	+14,489.941	-8,421.500
06	+0.01514	+61,339.04	+0.00	+61,183.58	+14,586.283	-8,421.500
07	+0.01495	+51,490.87	+0.00	+51,290.28	+14,403.232	-8,533.750
08	+0.01475	+49,981.59	+0.00	+49,745.95	+14,210.547	-8,533.750
09	+0.01465	+58,249.83	+0.00	+57,953.21	+14,114.204	-8,931.250
10	+0.01458	+59,348.84	+0.00	+58,895.86	+14,046.764	-8,931.250
11	+0.01480	+56,565.25	+0.00	+56,228.88	+14,258.718	-6,503.750
12	+0.01559	+43,891.75	+0.00	+43,694.90	+15,019.825	-6,503.750
13	+0.01760	+34,521.35	+0.00	+34,293.41	+16,956.314	+5,221.930
14	+0.01995	+7,009.34	+0.00	+6,652.10	+19,220.367	+5,221.930
15	+0.02250	-3,317.21	+0.00	-3,748.22	+21,677.105	+30,887.640
16	+0.02358	+5,111.38	+0.00	+4,815.42	+22,717.606	+30,887.640
17	+0.02409	+11,343.34	+0.00	+10,720.66	+23,208.954	+5,221.930
18	+0.02432	+10,293.17	+0.00	+9,610.39	+23,430.542	+5,221.930
19	+0.02461	-3,335.70	+0.00	-3,445.42	+23,709.936	+5,221.930
20	+0.02462	-10,734.80	+0.00	-10,748.99	+23,719.570	+5,221.930
21	+0.02488	+4,827.00	+0.00	+4,310.92	+23,970.061	+5,221.930
22	+0.02490	+11,554.91	+0.00	+11,296.63	+23,989.330	+5,221.930
23	+0.02491	+20,649.62	+0.00	+20,213.11	+23,998.964	+5,221.930
24	+0.02488	+29,575.78	+0.00	+29,501.94	+23,970.061	+5,221.930
25	+0.02478	+38,836.98	+0.00	+38,706.75	+23,873.719	+5,221.930
26	+0.02456	+65,152.82	+0.00	+64,858.20	+23,661.765	+5,221.930
27	+0.02421	+71,540.98	+0.00	+71,217.62	+23,324.565	+0.000
28	+0.02383	+72,697.99	+0.00	+72,381.77	+22,958.463	+0.000
29	+0.02367	+57,355.91	+0.00	+57,046.08	+22,804.315	+0.000
30	+0.02356	+54,802.74	+0.00	+54,482.78	+22,698.338	+0.000
31	+0.02359	+28,122.57	+0.00	+17,346.54	+22,727.241	+0.000
32	+0.02415	+37,100.01	+0.00	+26,138.01	+23,266.760	+0.000
33	+0.02447	+36,428.28	+0.00	+26,342.35	+23,575.056	+5,221.930
34	+0.02419	+31,213.48	+0.00	+21,026.25	+23,305.297	+5,221.930
35	+0.02424	+29,606.49	+0.00	+18,899.48	+23,353.468	+5,221.930
36	+0.02423	+25,900.44	+0.00	+15,822.52	+23,343.834	+5,221.930
37	+0.02419	+28,700.91	+0.00	+15,776.59	+23,305.297	+5,221.930
38	+0.02428	+22,717.36	+0.00	+16,845.18	+23,392.005	+5,221.930
39	+0.02415	+23,740.98	+0.00	+23,013.51	+23,266.760	+5,221.930
40	+0.02360	+19,528.93	+0.00	+19,358.14	+22,736.875	+5,221.930
41	+0.02293	+22,750.42	+0.00	+22,457.13	+22,091.379	+5,221.930
42	+0.02191	+21,759.67	+0.00	+21,671.37	+21,108.683	+0.000

43	+0.02077	+34,889.26	+.00	+34,787.82	+20,010.377	+.000
44	+0.01955	+34,634.02	+.00	+34,220.01	+18,834.996	+.000
45	+0.01827	+48,718.61	+.00	+48,440.26	+17,601.810	+.000
46	+0.01714	+53,992.76	+.00	+53,882.82	+16,513.137	+.000
47	+0.01599	+73,687.79	+.00	+73,670.60	+15,405.196	+7,232.250
48	+0.01526	+75,540.35	+.00	+75,532.83	+14,701.895	+7,232.250

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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	+1,897.397	+0.000	+12,682.453
02	+0.000	+0.000	+0.000	+1,945.479	+0.000	+13,003.841
03	+0.000	+0.000	+0.000	+1,925.753	+0.000	+12,871.990
04	+0.000	+0.000	+0.000	+1,893.699	+0.000	+12,657.731
05	+0.000	+0.000	+0.000	+1,854.247	+0.000	+12,394.028
06	+0.000	+0.000	+0.000	+1,866.575	+0.000	+12,476.436
07	+0.000	+0.000	+0.000	+1,843.151	+0.000	+12,319.862
08	+0.000	+0.000	+0.000	+1,818.493	+0.000	+12,155.048
09	+0.000	+0.000	+0.000	+1,806.164	+0.000	+12,072.641
10	+0.000	+0.000	+0.000	+1,797.534	+0.000	+12,014.956
11	+0.000	+0.000	+0.000	+1,824.658	+0.000	+12,196.251
12	+0.000	+0.000	+0.000	+1,922.055	+0.000	+12,847.268
13	+0.000	+0.000	+0.000	+2,169.863	+0.000	+14,503.650
14	+0.000	+0.000	+0.000	+2,459.589	+0.000	+16,440.217
15	+0.000	+0.000	+0.000	+2,773.973	+0.000	+18,541.598
16	+0.000	+0.000	+0.000	+2,907.123	+0.000	+19,431.595
17	+0.000	+0.000	+0.000	+2,970.000	+0.000	+19,851.871
18	+0.000	+0.000	+0.000	+2,998.356	+0.000	+20,041.408
19	+0.000	+0.000	+0.000	+3,034.110	+0.000	+20,280.388
20	+0.000	+0.000	+0.000	+3,035.342	+0.000	+20,288.629
21	+0.000	+0.000	+0.000	+3,067.397	+0.000	+20,502.887
22	+0.000	+0.000	+0.000	+3,069.863	+0.000	+20,519.369
23	+0.000	+0.000	+0.000	+3,071.096	+0.000	+20,527.610
24	+0.000	+0.000	+0.000	+3,067.397	+0.000	+20,502.887
25	+0.000	+0.000	+0.000	+3,055.068	+0.000	+20,420.480
26	+0.000	+0.000	+0.000	+3,027.945	+0.000	+20,239.185
27	+0.000	+0.000	+0.000	+2,984.795	+0.000	+19,950.760
28	+0.000	+0.000	+0.000	+2,937.945	+0.000	+19,637.613
29	+0.000	+0.000	+0.000	+2,918.219	+0.000	+19,505.762
30	+0.000	+0.000	+0.000	+2,904.658	+0.000	+19,415.114
31	+0.000	+0.000	+0.000	+2,908.356	+0.000	+19,439.836
32	+0.000	+0.000	+0.000	+2,977.397	+0.000	+19,901.316
33	+0.000	+0.000	+0.000	+3,016.849	+0.000	+20,165.018
34	+0.000	+0.000	+0.000	+2,982.329	+0.000	+19,934.278
35	+0.000	+0.000	+0.000	+2,988.493	+0.000	+19,975.482
36	+0.000	+0.000	+0.000	+2,987.260	+0.000	+19,967.241
37	+0.000	+0.000	+0.000	+2,982.329	+0.000	+19,934.278
38	+0.000	+0.000	+0.000	+2,993.425	+0.000	+20,008.445
39	+0.000	+0.000	+0.000	+2,977.397	+0.000	+19,901.316
40	+0.000	+0.000	+0.000	+2,909.589	+0.000	+19,448.077
41	+0.000	+0.000	+0.000	+2,826.986	+0.000	+18,895.949
42	+0.000	+0.000	+0.000	+2,701.233	+0.000	+18,055.396

43	+.000	+.000	+.000	+2,560.685	+.000	+17,115.956
44	+.000	+.000	+.000	+2,410.274	+.000	+16,110.589
45	+.000	+.000	+.000	+2,252.466	+.000	+15,055.778
46	+.000	+.000	+.000	+2,113.151	+.000	+14,124.578
47	+.000	+.000	+.000	+1,971.370	+.000	+13,176.896
48	+.000	+.000	+.000	+1,881.370	+.000	+12,575.324

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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	+63.536	+.000	-1,257.514	+.000
02	+.000	+.000	+65.146	+.000	-1,289.381	+.000
03	+.000	+.000	+64.486	+.000	-1,276.308	+.000
04	+.000	+.000	+63.413	+.000	-1,255.063	+.000
05	+.000	+.000	+62.091	+.000	-1,228.916	+.000
06	+.000	+.000	+62.504	+.000	-1,237.087	+.000
07	+.000	+.000	+61.720	+.000	-1,221.562	+.000
08	+.000	+.000	+60.894	+.000	-1,205.220	+.000
09	+.000	+.000	+60.481	+.000	-1,197.049	+.000
10	+.000	+.000	+60.192	+.000	-1,191.329	+.000
11	+.000	+.000	+61.101	+.000	-1,209.305	+.000
12	+.000	+.000	+64.362	+.000	-1,273.856	+.000
13	+.000	+.000	+72.660	+.000	-1,438.093	+.000
14	+.000	+.000	+82.362	+.000	-1,630.111	+.000
15	+.000	+.000	+92.889	+.000	-1,838.471	+.000
16	+.000	+.000	+97.348	+.000	-1,926.718	+.000
17	+.000	+.000	+99.454	+.000	-1,968.390	+.000
18	+.000	+.000	+100.403	+.000	-1,987.183	+.000
19	+.000	+.000	+101.600	+.000	-2,010.879	+.000
20	+.000	+.000	+101.642	+.000	-2,011.696	+.000
21	+.000	+.000	+102.715	+.000	-2,032.941	+.000
22	+.000	+.000	+102.798	+.000	-2,034.575	+.000
23	+.000	+.000	+102.839	+.000	-2,035.392	+.000
24	+.000	+.000	+102.715	+.000	-2,032.941	+.000
25	+.000	+.000	+102.302	+.000	-2,024.770	+.000
26	+.000	+.000	+101.394	+.000	-2,006.793	+.000
27	+.000	+.000	+99.949	+.000	-1,978.195	+.000
28	+.000	+.000	+98.380	+.000	-1,947.145	+.000
29	+.000	+.000	+97.720	+.000	-1,934.072	+.000
30	+.000	+.000	+97.266	+.000	-1,925.084	+.000
31	+.000	+.000	+97.389	+.000	-1,927.535	+.000
32	+.000	+.000	+99.701	+.000	-1,973.292	+.000
33	+.000	+.000	+101.022	+.000	-1,999.440	+.000
34	+.000	+.000	+99.866	+.000	-1,976.561	+.000
35	+.000	+.000	+100.073	+.000	-1,980.646	+.000
36	+.000	+.000	+100.032	+.000	-1,979.829	+.000
37	+.000	+.000	+99.866	+.000	-1,976.561	+.000
38	+.000	+.000	+100.238	+.000	-1,983.915	+.000
39	+.000	+.000	+99.701	+.000	-1,973.292	+.000
40	+.000	+.000	+97.431	+.000	-1,928.352	+.000
41	+.000	+.000	+94.665	+.000	-1,873.606	+.000
42	+.000	+.000	+90.454	+.000	-1,790.262	+.000



43	+.000	+.000	+85.747	+.000	-1,697.113	+.000
44	+.000	+.000	+80.711	+.000	-1,597.427	+.000
45	+.000	+.000	+75.426	+.000	-1,492.839	+.000
46	+.000	+.000	+70.761	+.000	-1,400.506	+.000
47	+.000	+.000	+66.013	+.000	-1,306.540	+.000
48	+.000	+.000	+63.000	+.000	-1,246.892	+.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	+95,989.453
02	+ .000	+92,797.162
03	+ .000	+100,682.910
04	+ .000	+88,444.347
05	+ .000	+80,278.331
06	+ .000	+80,516.792
07	+ .000	+70,162.933
08	+ .000	+68,251.962
09	+ .000	+75,878.402
10	+ .000	+76,692.727
11	+ .000	+76,856.552
12	+ .000	+65,770.804
13	+ .000	+71,779.734
14	+ .000	+48,446.454
15	+ .000	+68,386.515
16	+ .000	+78,930.015
17	+ .000	+60,104.479
18	+ .000	+59,415.846
19	+ .000	+46,891.666
20	+ .000	+39,606.428
21	+ .000	+55,142.971
22	+ .000	+62,165.345
23	+ .000	+71,100.157
24	+ .000	+80,333.991
25	+ .000	+89,355.480
26	+ .000	+115,103.625
27	+ .000	+115,599.494
28	+ .000	+116,067.026
29	+ .000	+100,438.024
30	+ .000	+97,673.071
31	+ .000	+60,591.827
32	+ .000	+70,409.892
33	+ .000	+76,422.787
34	+ .000	+70,593.390
35	+ .000	+68,558.280
36	+ .000	+65,462.988
37	+ .000	+65,343.730
38	+ .000	+66,577.308
39	+ .000	+72,507.322
40	+ .000	+67,843.689
41	+ .000	+69,714.432
42	+ .000	+61,836.874

43	+.000	+72,863.471
44	+.000	+70,059.152
45	+.000	+81,932.901
46	+.000	+85,303.940
47	+.000	+110,215.785
48	+.000	+110,739.776