

Date: 16/12/2019

Settlement Day:06/12/2019

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: 250

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,595,092.330	+15,398,547.450
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,553,674.370	+421,277,715.710
Balancing Services Contract Cost	+1,003,293.729	+182,354,578.738
Balancing Services Cost Variable	+333,131.020	+111,930,975.975
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	+30,819,904.053
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+206,017,760.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,032,105.000
ESO Incentive Recovery t-1	+80,000.000	+3,520,000.000
ALoMCP Recovery	-81,709.830	-3,595,232.520
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+206,017,760.000
Total External Costs	+6,015,805.380	+754,922,014.806
Total Adjusted Energy Volume (MWh)	+1,479,105.904	

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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	+23,868.808	+279,109.306	+11.69347
02	+24,513.864	+254,276.367	+10.37276
03	+24,654.852	+243,333.394	+9.86959
04	+24,031.732	+248,277.434	+10.33123
05	+24,049.162	+251,330.695	+10.45070
06	+23,742.957	+246,946.890	+10.40085
07	+23,462.432	+243,185.607	+10.36489
08	+23,048.138	+252,715.117	+10.96467
09	+23,040.099	+262,399.557	+11.38882
10	+23,038.717	+264,289.927	+11.47156
11	+22,837.255	+278,513.187	+12.19556
12	+23,887.079	+263,367.667	+11.02553
13	+26,457.393	+240,925.871	+9.10618
14	+29,073.043	+190,152.166	+6.54050
15	+32,288.402	+161,256.801	+4.99426
16	+34,330.819	+151,850.789	+4.42316
17	+34,928.382	+132,237.987	+3.78598
18	+34,804.156	+128,357.971	+3.68801
19	+35,091.806	+144,403.886	+4.11503
20	+35,257.038	+137,675.293	+3.90490
21	+35,231.735	+122,153.912	+3.46716
22	+35,237.289	+115,743.892	+3.28470
23	+34,942.121	+104,478.818	+2.99005
24	+34,753.077	+98,777.489	+2.84227
25	+34,668.940	+95,867.095	+2.76522
26	+34,744.362	+96,615.229	+2.78075
27	+34,459.652	+82,525.065	+2.39483
28	+34,232.084	+87,912.844	+2.56814
29	+34,309.239	+89,895.938	+2.62017
30	+33,968.777	+89,894.522	+2.64639
31	+34,082.159	+86,456.907	+2.53672
32	+35,122.404	+91,360.787	+2.60121
33	+35,794.945	+96,843.489	+2.70551
34	+36,775.664	+101,776.336	+2.76749
35	+36,988.492	+85,820.366	+2.32019
36	+37,010.823	+73,230.917	+1.97864
37	+36,452.812	+68,360.371	+1.87531
38	+35,657.907	+58,884.953	+1.65139
39	+35,063.032	+81,135.554	+2.31399
40	+34,210.667	+52,429.223	+1.53254
41	+33,155.717	+49,967.613	+1.50706
42	+31,868.172	+45,156.651	+1.41698

43	+30,951.895	+72,476.387	+2.34158
44	+29,385.592	+72,981.511	+2.48358
45	+28,098.730	+87,174.510	+3.10244
46	+26,923.014	+93,744.773	+3.48196
47	+24,904.872	+116,285.276	+4.66918
48	+23,705.597	+147,417.739	+6.21869

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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	+0.01614	+236,865.25	+0.00	+236,127.47	+16,193.161	+11,459.270
02	+0.01657	+213,900.00	+0.00	+210,454.71	+16,624.577	+11,459.270
03	+0.01667	+204,751.47	+0.00	+198,842.98	+16,724.906	+11,932.720
04	+0.01625	+208,209.86	+0.00	+204,607.31	+16,303.523	+11,932.720
05	+0.01626	+208,120.37	+0.00	+207,291.44	+16,313.556	+12,282.320
06	+0.01605	+203,759.89	+0.00	+203,317.78	+16,102.864	+12,282.320
07	+0.01586	+198,670.22	+0.00	+198,220.33	+15,912.239	+13,989.570
08	+0.01558	+208,969.58	+0.00	+208,296.70	+15,631.316	+13,989.570
09	+0.01558	+215,223.27	+0.00	+214,835.64	+15,631.316	+17,135.070
10	+0.01558	+217,498.37	+0.00	+216,726.01	+15,631.316	+17,135.070
11	+0.01544	+223,788.51	+0.00	+223,091.22	+15,490.855	+25,266.550
12	+0.01615	+209,159.23	+0.00	+206,559.02	+16,203.194	+25,266.550
13	+0.01789	+197,107.62	+0.00	+194,470.31	+17,948.925	+11,515.120
14	+0.01966	+142,535.61	+0.00	+140,239.67	+19,724.755	+11,515.120
15	+0.02183	+105,350.23	+0.00	+104,498.39	+21,901.902	+14,122.870
16	+0.02321	+93,214.47	+0.00	+92,397.14	+23,286.447	+14,122.870
17	+0.02361	+80,999.42	+0.00	+79,825.86	+23,687.765	+6,300.120
18	+0.02353	+76,518.05	+0.00	+76,102.09	+23,607.501	+6,300.120
19	+0.02373	+93,163.54	+0.00	+91,757.39	+23,808.160	+6,300.120
20	+0.02384	+86,031.12	+0.00	+84,813.96	+23,918.522	+6,300.120
21	+0.02382	+70,214.17	+0.00	+69,331.64	+23,898.457	+6,300.120
22	+0.02382	+63,130.94	+0.00	+62,921.62	+23,898.457	+6,300.120
23	+0.02362	+52,340.06	+0.00	+52,047.16	+23,697.798	+6,300.120
24	+0.02350	+46,737.63	+0.00	+46,580.20	+23,577.403	+6,300.120
25	+0.02344	+44,900.30	+0.00	+44,654.67	+23,517.205	+5,432.440
26	+0.02349	+45,795.43	+0.00	+45,305.15	+23,567.370	+5,432.440
27	+0.02330	+37,258.22	+0.00	+37,018.51	+23,376.744	+0.000
28	+0.02314	+43,045.89	+0.00	+42,718.78	+23,216.217	+0.000
29	+0.02320	+44,938.75	+0.00	+44,584.69	+23,276.415	+0.000
30	+0.02297	+45,212.38	+0.00	+45,032.48	+23,045.657	+0.000
31	+0.02304	+42,304.56	+0.00	+41,458.15	+23,115.888	+0.000
32	+0.02375	+45,345.99	+0.00	+44,975.35	+23,828.226	+0.000
33	+0.02420	+44,331.79	+0.00	+44,146.73	+24,279.708	+5,432.440
34	+0.02486	+47,938.50	+0.00	+47,790.55	+24,941.882	+5,432.440
35	+0.02501	+32,172.16	+0.00	+31,541.62	+25,092.376	+5,432.440
36	+0.02502	+19,219.64	+0.00	+18,932.64	+25,102.409	+5,432.440
37	+0.02465	+14,944.04	+0.00	+14,784.73	+24,731.190	+5,432.440
38	+0.02411	+6,917.83	+0.00	+6,363.97	+24,189.412	+5,432.440
39	+0.02371	+30,228.92	+0.00	+29,395.80	+23,788.094	+5,432.440
40	+0.02313	+1,907.95	+0.00	+1,822.25	+23,206.184	+5,432.440
41	+0.02242	+882.53	+0.00	+747.32	+22,493.845	+5,432.440
42	+0.02155	+3,230.12	+0.00	+3,067.97	+21,620.980	+0.000

43	+0.02093	+32,037.92	+ .00	+31,598.61	+20,998.938	+ .000
44	+0.01987	+34,675.65	+ .00	+34,173.99	+19,935.446	+ .000
45	+0.01900	+52,062.86	+ .00	+51,758.66	+19,062.581	-1,692.500
46	+0.01820	+60,656.46	+ .00	+60,351.38	+18,259.946	-2,152.500
47	+0.01684	+87,804.92	+ .00	+87,689.94	+16,895.466	-4,294.380
48	+0.01603	+121,020.64	+ .00	+120,404.39	+16,082.798	-4,294.380

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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	+1,989.863	+0.000	+13,300.507
02	+0.000	+0.000	+0.000	+2,042.877	+0.000	+13,654.857
03	+0.000	+0.000	+0.000	+2,055.205	+0.000	+13,737.264
04	+0.000	+0.000	+0.000	+2,003.425	+0.000	+13,391.154
05	+0.000	+0.000	+0.000	+2,004.658	+0.000	+13,399.395
06	+0.000	+0.000	+0.000	+1,978.767	+0.000	+13,226.340
07	+0.000	+0.000	+0.000	+1,955.342	+0.000	+13,069.767
08	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
09	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
10	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
11	+0.000	+0.000	+0.000	+1,903.562	+0.000	+12,723.657
12	+0.000	+0.000	+0.000	+1,991.096	+0.000	+13,308.747
13	+0.000	+0.000	+0.000	+2,205.616	+0.000	+14,742.631
14	+0.000	+0.000	+0.000	+2,423.836	+0.000	+16,201.237
15	+0.000	+0.000	+0.000	+2,691.370	+0.000	+17,989.471
16	+0.000	+0.000	+0.000	+2,861.507	+0.000	+19,126.689
17	+0.000	+0.000	+0.000	+2,910.822	+0.000	+19,456.317
18	+0.000	+0.000	+0.000	+2,900.959	+0.000	+19,390.392
19	+0.000	+0.000	+0.000	+2,925.616	+0.000	+19,555.206
20	+0.000	+0.000	+0.000	+2,939.178	+0.000	+19,645.854
21	+0.000	+0.000	+0.000	+2,936.712	+0.000	+19,629.372
22	+0.000	+0.000	+0.000	+2,936.712	+0.000	+19,629.372
23	+0.000	+0.000	+0.000	+2,912.055	+0.000	+19,464.558
24	+0.000	+0.000	+0.000	+2,897.260	+0.000	+19,365.669
25	+0.000	+0.000	+0.000	+2,889.863	+0.000	+19,316.225
26	+0.000	+0.000	+0.000	+2,896.027	+0.000	+19,357.429
27	+0.000	+0.000	+0.000	+2,872.603	+0.000	+19,200.855
28	+0.000	+0.000	+0.000	+2,852.877	+0.000	+19,069.004
29	+0.000	+0.000	+0.000	+2,860.274	+0.000	+19,118.448
30	+0.000	+0.000	+0.000	+2,831.918	+0.000	+18,928.912
31	+0.000	+0.000	+0.000	+2,840.548	+0.000	+18,986.597
32	+0.000	+0.000	+0.000	+2,928.082	+0.000	+19,571.687
33	+0.000	+0.000	+0.000	+2,983.562	+0.000	+19,942.519
34	+0.000	+0.000	+0.000	+3,064.932	+0.000	+20,486.406
35	+0.000	+0.000	+0.000	+3,083.425	+0.000	+20,610.017
36	+0.000	+0.000	+0.000	+3,084.658	+0.000	+20,618.257
37	+0.000	+0.000	+0.000	+3,039.041	+0.000	+20,313.351
38	+0.000	+0.000	+0.000	+2,972.466	+0.000	+19,868.353
39	+0.000	+0.000	+0.000	+2,923.151	+0.000	+19,538.724
40	+0.000	+0.000	+0.000	+2,851.644	+0.000	+19,060.763
41	+0.000	+0.000	+0.000	+2,764.110	+0.000	+18,475.673
42	+0.000	+0.000	+0.000	+2,656.849	+0.000	+17,758.731

43	+.000	+.000	+.000	+2,580.411	+.000	+17,247.807
44	+.000	+.000	+.000	+2,449.726	+.000	+16,374.292
45	+.000	+.000	+.000	+2,342.466	+.000	+15,657.350
46	+.000	+.000	+.000	+2,243.836	+.000	+14,998.093
47	+.000	+.000	+.000	+2,076.164	+.000	+13,877.356
48	+.000	+.000	+.000	+1,976.301	+.000	+13,209.859

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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	+66.633	+1,291.200	-1,318.797	+.000
02	+.000	+.000	+68.408	+1,325.600	-1,353.932	+.000
03	+.000	+.000	+68.821	+1,333.600	-1,362.103	+.000
04	+.000	+.000	+67.087	+1,300.000	-1,327.785	+.000
05	+.000	+.000	+67.128	+1,300.800	-1,328.602	+.000
06	+.000	+.000	+66.261	+1,284.000	-1,311.443	+.000
07	+.000	+.000	+65.477	+1,268.800	-1,295.918	+.000
08	+.000	+.000	+64.321	+1,246.400	-1,273.039	+.000
09	+.000	+.000	+64.321	+1,246.400	-1,273.039	+.000
10	+.000	+.000	+64.321	+1,246.400	-1,273.039	+.000
11	+.000	+.000	+63.743	+1,235.200	-1,261.600	+.000
12	+.000	+.000	+66.674	+1,292.000	-1,319.614	+.000
13	+.000	+.000	+73.857	+1,431.200	-1,461.789	+.000
14	+.000	+.000	+81.165	+1,572.800	-1,606.415	+.000
15	+.000	+.000	+90.123	+1,746.400	-1,783.726	+.000
16	+.000	+.000	+95.821	+1,856.800	-1,896.485	+.000
17	+.000	+.000	+97.472	+1,888.800	-1,929.169	+.000
18	+.000	+.000	+97.142	+1,882.400	-1,922.632	+.000
19	+.000	+.000	+97.967	+1,898.400	-1,938.974	+.000
20	+.000	+.000	+98.422	+1,907.200	-1,947.962	+.000
21	+.000	+.000	+98.339	+1,905.600	-1,946.328	+.000
22	+.000	+.000	+98.339	+1,905.600	-1,946.328	+.000
23	+.000	+.000	+97.513	+1,889.600	-1,929.986	+.000
24	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
25	+.000	+.000	+96.770	+1,875.200	-1,915.278	+.000
26	+.000	+.000	+96.977	+1,879.200	-1,919.364	+.000
27	+.000	+.000	+96.192	+1,864.000	-1,903.839	+.000
28	+.000	+.000	+95.532	+1,851.200	-1,890.765	+.000
29	+.000	+.000	+95.779	+1,856.000	-1,895.668	+.000
30	+.000	+.000	+94.830	+1,837.600	-1,876.875	+.000
31	+.000	+.000	+95.119	+1,843.200	-1,882.594	+.000
32	+.000	+.000	+98.050	+1,900.000	-1,940.608	+.000
33	+.000	+.000	+99.908	+1,936.000	-1,977.378	+.000
34	+.000	+.000	+102.633	+1,988.800	-2,031.306	+.000
35	+.000	+.000	+103.252	+2,000.800	-2,043.563	+.000
36	+.000	+.000	+103.293	+2,001.600	-2,044.380	+.000
37	+.000	+.000	+101.766	+1,972.000	-2,014.147	+.000
38	+.000	+.000	+99.536	+1,928.800	-1,970.024	+.000
39	+.000	+.000	+97.885	+1,896.800	-1,937.340	+.000
40	+.000	+.000	+95.490	+1,850.400	-1,889.948	+.000
41	+.000	+.000	+92.559	+1,793.600	-1,831.934	+.000
42	+.000	+.000	+88.967	+1,724.000	-1,760.847	+.000

43	+.000	+.000	+86.408	+1,674.400	-1,710.187	+.000
44	+.000	+.000	+82.032	+1,589.600	-1,623.574	+.000
45	+.000	+.000	+78.440	+1,520.000	-1,552.487	+.000
46	+.000	+.000	+75.137	+1,456.000	-1,487.119	+.000
47	+.000	+.000	+69.523	+1,347.200	-1,375.994	+.000
48	+.000	+.000	+66.179	+1,282.400	-1,309.809	+.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	+279,109.306
02	+ .000	+254,276.367
03	+ .000	+243,333.394
04	+ .000	+248,277.434
05	+ .000	+251,330.695
06	+ .000	+246,946.890
07	+ .000	+243,185.607
08	+ .000	+252,715.117
09	+ .000	+262,399.557
10	+ .000	+264,289.927
11	+ .000	+278,513.187
12	+ .000	+263,367.667
13	+ .000	+240,925.871
14	+ .000	+190,152.166
15	+ .000	+161,256.801
16	+ .000	+151,850.789
17	+ .000	+132,237.987
18	+ .000	+128,357.971
19	+ .000	+144,403.886
20	+ .000	+137,675.293
21	+ .000	+122,153.912
22	+ .000	+115,743.892
23	+ .000	+104,478.818
24	+ .000	+98,777.489
25	+ .000	+95,867.095
26	+ .000	+96,615.229
27	+ .000	+82,525.065
28	+ .000	+87,912.844
29	+ .000	+89,895.938
30	+ .000	+89,894.522
31	+ .000	+86,456.907
32	+ .000	+91,360.787
33	+ .000	+96,843.489
34	+ .000	+101,776.336
35	+ .000	+85,820.366
36	+ .000	+73,230.917
37	+ .000	+68,360.371
38	+ .000	+58,884.953
39	+ .000	+81,135.554
40	+ .000	+52,429.223
41	+ .000	+49,967.613
42	+ .000	+45,156.651

43	+.000	+72,476.387
44	+.000	+72,981.511
45	+.000	+87,174.510
46	+.000	+93,744.773
47	+.000	+116,285.276
48	+.000	+147,417.739