

Date: 03/01/2020

Settlement Day:06/12/2019

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: 250

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+4,593,703.700	+36,808,928.750
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+4,552,568.040	+421,569,314.310
Balancing Services Contract Cost	+823,561.734	+220,228,901.040
Balancing Services Cost Variable	+333,131.020	+111,271,447.075
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+126,845.917	+29,420,161.997
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	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-4,820,879.970
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	+5,758,525.301	+789,941,049.452
Total Adjusted Energy Volume (MWh)	+1,480,053.093	

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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	+23,868.862	+274,958.013	+11.51953
02	+24,513.887	+250,015.089	+10.19892
03	+24,654.924	+239,046.129	+9.69567
04	+24,031.820	+244,097.802	+10.15727
05	+24,049.239	+247,148.441	+10.27677
06	+23,742.989	+242,818.652	+10.22696
07	+23,462.478	+239,105.922	+10.19099
08	+23,048.216	+248,707.041	+10.79073
09	+23,057.231	+258,338.970	+11.20425
10	+23,057.253	+260,216.130	+11.28565
11	+22,851.718	+274,480.284	+12.01136
12	+23,900.301	+259,171.411	+10.84386
13	+26,472.397	+236,267.052	+8.92503
14	+29,092.875	+185,043.351	+6.36044
15	+32,309.137	+155,621.828	+4.81665
16	+34,350.532	+145,962.246	+4.24920
17	+34,948.550	+126,175.935	+3.61033
18	+34,826.469	+122,330.643	+3.51258
19	+35,113.766	+138,340.264	+3.93977
20	+35,280.527	+131,558.371	+3.72892
21	+35,254.247	+116,019.903	+3.29095
22	+35,257.579	+109,621.783	+3.10917
23	+34,964.057	+98,419.614	+2.81488
24	+34,778.177	+92,728.576	+2.66629
25	+34,693.158	+89,835.572	+2.58943
26	+34,770.369	+90,570.817	+2.60483
27	+34,484.122	+76,535.837	+2.21945
28	+34,255.320	+81,963.943	+2.39274
29	+34,331.648	+83,930.977	+2.44471
30	+33,991.799	+83,985.981	+2.47077
31	+34,106.053	+80,531.763	+2.36122
32	+35,148.582	+85,253.820	+2.42553
33	+35,822.836	+90,617.274	+2.52960
34	+36,801.874	+95,392.455	+2.59205
35	+37,016.061	+79,395.141	+2.14488
36	+37,040.335	+66,826.159	+1.80415
37	+36,485.173	+62,034.468	+1.70027
38	+35,690.596	+52,702.323	+1.47664
39	+35,093.737	+75,047.245	+2.13848
40	+34,238.273	+46,502.524	+1.35820
41	+33,183.156	+44,223.697	+1.33272
42	+31,894.286	+39,634.086	+1.24267

43	+30,975.797	+67,095.620	+2.16607
44	+29,409.408	+67,869.729	+2.30776
45	+28,122.414	+82,273.978	+2.92557
46	+26,947.592	+89,057.159	+3.30483
47	+24,931.747	+111,914.239	+4.48882
48	+23,731.526	+143,208.083	+6.03451

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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	+0.01613	+236,865.57	+0.00	+236,127.79	+13,284.051	+11,459.270
02	+0.01656	+213,900.50	+0.00	+210,455.20	+13,638.182	+11,459.270
03	+0.01666	+204,751.60	+0.00	+198,843.10	+13,720.538	+11,932.720
04	+0.01624	+208,210.03	+0.00	+204,607.47	+13,374.643	+11,932.720
05	+0.01625	+208,120.47	+0.00	+207,291.54	+13,382.878	+12,282.320
06	+0.01604	+203,760.22	+0.00	+203,318.10	+13,209.930	+12,282.320
07	+0.01585	+198,670.42	+0.00	+198,220.53	+13,053.453	+13,989.570
08	+0.01557	+208,969.67	+0.00	+208,296.78	+12,822.856	+13,989.570
09	+0.01558	+215,153.65	+0.00	+214,766.24	+12,831.092	+17,135.070
10	+0.01558	+217,415.32	+0.00	+216,643.40	+12,831.092	+17,135.070
11	+0.01544	+223,710.68	+0.00	+223,013.64	+12,715.793	+25,266.550
12	+0.01615	+209,100.89	+0.00	+206,499.97	+13,300.522	+25,266.550
13	+0.01789	+197,030.64	+0.00	+194,394.44	+14,733.519	+11,515.120
14	+0.01966	+142,461.97	+0.00	+140,167.23	+16,191.224	+11,515.120
15	+0.02183	+105,297.36	+0.00	+104,455.69	+17,978.353	+14,122.870
16	+0.02321	+93,172.25	+0.00	+92,454.39	+19,114.868	+14,122.870
17	+0.02361	+80,966.72	+0.00	+79,812.07	+19,444.293	+6,300.120
18	+0.02353	+76,489.05	+0.00	+76,102.53	+19,378.408	+6,300.120
19	+0.02372	+93,119.44	+0.00	+91,789.74	+19,534.884	+6,300.120
20	+0.02384	+85,998.00	+0.00	+84,804.22	+19,633.712	+6,300.120
21	+0.02382	+70,181.84	+0.00	+69,299.69	+19,617.241	+6,300.120
22	+0.02382	+63,105.62	+0.00	+62,901.57	+19,617.241	+6,300.120
23	+0.02362	+52,314.11	+0.00	+52,038.78	+19,452.528	+6,300.120
24	+0.02350	+46,708.71	+0.00	+46,551.37	+19,353.701	+6,300.120
25	+0.02344	+44,873.35	+0.00	+44,627.86	+19,304.287	+5,432.440
26	+0.02349	+45,768.53	+0.00	+45,278.26	+19,345.465	+5,432.440
27	+0.02330	+37,237.69	+0.00	+36,998.13	+19,188.988	+0.000
28	+0.02314	+43,024.85	+0.00	+42,697.74	+19,057.219	+0.000
29	+0.02320	+44,916.84	+0.00	+44,562.96	+19,106.632	+0.000
30	+0.02297	+45,188.04	+0.00	+45,008.25	+18,917.213	+0.000
31	+0.02304	+42,281.22	+0.00	+41,435.25	+18,974.862	+0.000
32	+0.02375	+45,323.03	+0.00	+44,952.51	+19,559.591	+0.000
33	+0.02420	+44,304.85	+0.00	+44,119.92	+19,930.194	+5,432.440
34	+0.02487	+47,910.65	+0.00	+47,758.18	+20,481.980	+5,432.440
35	+0.02501	+32,153.65	+0.00	+31,523.30	+20,597.279	+5,432.440
36	+0.02503	+19,207.20	+0.00	+18,920.38	+20,613.750	+5,432.440
37	+0.02465	+14,932.71	+0.00	+14,773.51	+20,300.797	+5,432.440
38	+0.02411	+6,911.38	+0.00	+6,357.69	+19,856.073	+5,432.440
39	+0.02371	+30,214.83	+0.00	+29,381.37	+19,526.649	+5,432.440
40	+0.02313	+1,906.59	+0.00	+1,820.85	+19,048.983	+5,432.440
41	+0.02242	+882.03	+0.00	+746.82	+18,464.254	+5,432.440
42	+0.02155	+3,227.98	+0.00	+3,065.95	+17,747.755	+0.000

43	+0.02093	+32,018.60	+.00	+31,579.56	+17,237.147	+.000
44	+0.01987	+34,653.73	+.00	+34,152.38	+16,364.172	+.000
45	+0.01900	+52,029.51	+.00	+51,725.43	+15,647.673	-1,692.500
46	+0.01821	+60,614.03	+.00	+60,309.16	+14,997.059	-2,152.500
47	+0.01685	+87,730.77	+.00	+87,615.90	+13,877.015	-4,294.380
48	+0.01603	+120,916.91	+.00	+120,301.20	+13,201.695	-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	+2,046.025	+0.000	+13,292.266
02	+0.000	+0.000	+0.000	+2,100.568	+0.000	+13,646.616
03	+0.000	+0.000	+0.000	+2,113.253	+0.000	+13,729.024
04	+0.000	+0.000	+0.000	+2,059.978	+0.000	+13,382.914
05	+0.000	+0.000	+0.000	+2,061.246	+0.000	+13,391.154
06	+0.000	+0.000	+0.000	+2,034.609	+0.000	+13,218.099
07	+0.000	+0.000	+0.000	+2,010.508	+0.000	+13,061.526
08	+0.000	+0.000	+0.000	+1,974.991	+0.000	+12,830.786
09	+0.000	+0.000	+0.000	+1,976.259	+0.000	+12,839.027
10	+0.000	+0.000	+0.000	+1,976.259	+0.000	+12,839.027
11	+0.000	+0.000	+0.000	+1,958.501	+0.000	+12,723.657
12	+0.000	+0.000	+0.000	+2,048.562	+0.000	+13,308.747
13	+0.000	+0.000	+0.000	+2,269.273	+0.000	+14,742.631
14	+0.000	+0.000	+0.000	+2,493.791	+0.000	+16,201.237
15	+0.000	+0.000	+0.000	+2,769.046	+0.000	+17,989.471
16	+0.000	+0.000	+0.000	+2,944.094	+0.000	+19,126.689
17	+0.000	+0.000	+0.000	+2,994.832	+0.000	+19,456.317
18	+0.000	+0.000	+0.000	+2,984.684	+0.000	+19,390.392
19	+0.000	+0.000	+0.000	+3,008.785	+0.000	+19,546.965
20	+0.000	+0.000	+0.000	+3,024.007	+0.000	+19,645.854
21	+0.000	+0.000	+0.000	+3,021.470	+0.000	+19,629.372
22	+0.000	+0.000	+0.000	+3,021.470	+0.000	+19,629.372
23	+0.000	+0.000	+0.000	+2,996.101	+0.000	+19,464.558
24	+0.000	+0.000	+0.000	+2,980.879	+0.000	+19,365.669
25	+0.000	+0.000	+0.000	+2,973.268	+0.000	+19,316.225
26	+0.000	+0.000	+0.000	+2,979.611	+0.000	+19,357.429
27	+0.000	+0.000	+0.000	+2,955.510	+0.000	+19,200.855
28	+0.000	+0.000	+0.000	+2,935.215	+0.000	+19,069.004
29	+0.000	+0.000	+0.000	+2,942.825	+0.000	+19,118.448
30	+0.000	+0.000	+0.000	+2,913.651	+0.000	+18,928.912
31	+0.000	+0.000	+0.000	+2,922.530	+0.000	+18,986.597
32	+0.000	+0.000	+0.000	+3,012.591	+0.000	+19,571.687
33	+0.000	+0.000	+0.000	+3,069.671	+0.000	+19,942.519
34	+0.000	+0.000	+0.000	+3,154.658	+0.000	+20,494.647
35	+0.000	+0.000	+0.000	+3,172.416	+0.000	+20,610.017
36	+0.000	+0.000	+0.000	+3,174.953	+0.000	+20,626.498
37	+0.000	+0.000	+0.000	+3,126.752	+0.000	+20,313.351
38	+0.000	+0.000	+0.000	+3,058.255	+0.000	+19,868.353
39	+0.000	+0.000	+0.000	+3,007.517	+0.000	+19,538.724
40	+0.000	+0.000	+0.000	+2,933.946	+0.000	+19,060.763
41	+0.000	+0.000	+0.000	+2,843.885	+0.000	+18,475.673
42	+0.000	+0.000	+0.000	+2,733.530	+0.000	+17,758.731

43	+.000	+.000	+.000	+2,654.885	+.000	+17,247.807
44	+.000	+.000	+.000	+2,520.428	+.000	+16,374.292
45	+.000	+.000	+.000	+2,410.072	+.000	+15,657.350
46	+.000	+.000	+.000	+2,309.864	+.000	+15,006.334
47	+.000	+.000	+.000	+2,137.354	+.000	+13,885.597
48	+.000	+.000	+.000	+2,033.340	+.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	+66.591	+.000	-1,317.980	+.000
02	+.000	+.000	+68.367	+.000	-1,353.115	+.000
03	+.000	+.000	+68.779	+.000	-1,361.286	+.000
04	+.000	+.000	+67.046	+.000	-1,326.968	+.000
05	+.000	+.000	+67.087	+.000	-1,327.785	+.000
06	+.000	+.000	+66.220	+.000	-1,310.626	+.000
07	+.000	+.000	+65.435	+.000	-1,295.101	+.000
08	+.000	+.000	+64.279	+.000	-1,272.222	+.000
09	+.000	+.000	+64.321	+.000	-1,273.039	+.000
10	+.000	+.000	+64.321	+.000	-1,273.039	+.000
11	+.000	+.000	+63.743	+.000	-1,261.600	+.000
12	+.000	+.000	+66.674	+.000	-1,319.614	+.000
13	+.000	+.000	+73.857	+.000	-1,461.789	+.000
14	+.000	+.000	+81.165	+.000	-1,606.415	+.000
15	+.000	+.000	+90.123	+.000	-1,783.726	+.000
16	+.000	+.000	+95.821	+.000	-1,896.485	+.000
17	+.000	+.000	+97.472	+.000	-1,929.169	+.000
18	+.000	+.000	+97.142	+.000	-1,922.632	+.000
19	+.000	+.000	+97.926	+.000	-1,938.157	+.000
20	+.000	+.000	+98.422	+.000	-1,947.962	+.000
21	+.000	+.000	+98.339	+.000	-1,946.328	+.000
22	+.000	+.000	+98.339	+.000	-1,946.328	+.000
23	+.000	+.000	+97.513	+.000	-1,929.986	+.000
24	+.000	+.000	+97.018	+.000	-1,920.181	+.000
25	+.000	+.000	+96.770	+.000	-1,915.278	+.000
26	+.000	+.000	+96.977	+.000	-1,919.364	+.000
27	+.000	+.000	+96.192	+.000	-1,903.839	+.000
28	+.000	+.000	+95.532	+.000	-1,890.765	+.000
29	+.000	+.000	+95.779	+.000	-1,895.668	+.000
30	+.000	+.000	+94.830	+.000	-1,876.875	+.000
31	+.000	+.000	+95.119	+.000	-1,882.594	+.000
32	+.000	+.000	+98.050	+.000	-1,940.608	+.000
33	+.000	+.000	+99.908	+.000	-1,977.378	+.000
34	+.000	+.000	+102.674	+.000	-2,032.123	+.000
35	+.000	+.000	+103.252	+.000	-2,043.563	+.000
36	+.000	+.000	+103.334	+.000	-2,045.197	+.000
37	+.000	+.000	+101.766	+.000	-2,014.147	+.000
38	+.000	+.000	+99.536	+.000	-1,970.024	+.000
39	+.000	+.000	+97.885	+.000	-1,937.340	+.000
40	+.000	+.000	+95.490	+.000	-1,889.948	+.000
41	+.000	+.000	+92.559	+.000	-1,831.934	+.000
42	+.000	+.000	+88.967	+.000	-1,760.847	+.000

43	+.000	+.000	+86.408	+.000	-1,710.187	+.000
44	+.000	+.000	+82.032	+.000	-1,623.574	+.000
45	+.000	+.000	+78.440	+.000	-1,552.487	+.000
46	+.000	+.000	+75.179	+.000	-1,487.936	+.000
47	+.000	+.000	+69.564	+.000	-1,376.811	+.000
48	+.000	+.000	+66.179	+.000	-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	+274,958.013
02	+ .000	+250,015.089
03	+ .000	+239,046.129
04	+ .000	+244,097.802
05	+ .000	+247,148.441
06	+ .000	+242,818.652
07	+ .000	+239,105.922
08	+ .000	+248,707.041
09	+ .000	+258,338.970
10	+ .000	+260,216.130
11	+ .000	+274,480.284
12	+ .000	+259,171.411
13	+ .000	+236,267.052
14	+ .000	+185,043.351
15	+ .000	+155,621.828
16	+ .000	+145,962.246
17	+ .000	+126,175.935
18	+ .000	+122,330.643
19	+ .000	+138,340.264
20	+ .000	+131,558.371
21	+ .000	+116,019.903
22	+ .000	+109,621.783
23	+ .000	+98,419.614
24	+ .000	+92,728.576
25	+ .000	+89,835.572
26	+ .000	+90,570.817
27	+ .000	+76,535.837
28	+ .000	+81,963.943
29	+ .000	+83,930.977
30	+ .000	+83,985.981
31	+ .000	+80,531.763
32	+ .000	+85,253.820
33	+ .000	+90,617.274
34	+ .000	+95,392.455
35	+ .000	+79,395.141
36	+ .000	+66,826.159
37	+ .000	+62,034.468
38	+ .000	+52,702.323
39	+ .000	+75,047.245
40	+ .000	+46,502.524
41	+ .000	+44,223.697
42	+ .000	+39,634.086

43	+.000	+67,095.620
44	+.000	+67,869.729
45	+.000	+82,273.978
46	+.000	+89,057.159
47	+.000	+111,914.239
48	+.000	+143,208.083