

Date: 20/11/2019

Settlement Day:28/10/2019

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: 211

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,201,637.550	+355,875,137.990
Balancing Services Contract Cost	+663,066.718	+187,241,051.247
Balancing Services Cost Variable	+323,569.790	+86,745,586.065
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	+127,909.856	+24,512,248.556
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+173,878,989.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+871,096.620
ESO Incentive Recovery t-1	+80,000.000	+1,600,000.000
ALoMCP Recovery	-81,709.830	-1,634,196.600
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+173,878,989.440
Total External Costs	+2,318,602.504	+662,210,923.878
Total Adjusted Energy Volume (MWh)	+1,498,248.367	

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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	+22,468.718	+39,022.963	+1.73677
02	+22,839.311	+45,515.015	+1.99284
03	+22,985.049	+49,725.582	+2.16339
04	+22,565.728	+41,273.161	+1.82902
05	+22,334.013	+59,886.631	+2.68141
06	+22,197.800	+60,760.779	+2.73724
07	+22,055.894	+57,616.343	+2.61229
08	+21,923.180	+57,355.591	+2.61621
09	+22,188.112	+60,526.634	+2.72789
10	+22,556.327	+59,355.311	+2.63143
11	+23,068.170	+57,227.020	+2.48078
12	+24,122.836	+55,204.986	+2.28849
13	+27,641.678	+45,489.271	+1.64568
14	+30,088.351	+55,753.491	+1.85299
15	+33,245.558	+80,200.315	+2.41236
16	+34,504.137	+87,836.607	+2.54568
17	+35,097.185	+72,484.143	+2.06524
18	+35,269.376	+75,266.894	+2.13406
19	+35,063.285	+73,016.149	+2.08241
20	+34,716.862	+64,433.902	+1.85598
21	+34,156.688	+60,139.089	+1.76068
22	+33,874.913	+56,565.641	+1.66984
23	+33,870.375	+60,850.431	+1.79657
24	+33,963.609	+56,076.919	+1.65109
25	+34,163.023	+56,836.109	+1.66367
26	+34,164.988	+56,150.619	+1.64351
27	+34,206.900	+75,528.433	+2.20799
28	+34,488.885	+74,893.012	+2.17151
29	+34,573.807	+71,509.090	+2.06830
30	+35,006.015	+74,448.281	+2.12673
31	+35,063.072	+99,630.709	+2.84147
32	+36,008.752	+121,728.613	+3.38053
33	+36,748.516	+89,405.116	+2.43289
34	+38,544.912	+99,322.435	+2.57680
35	+39,973.917	+101,229.108	+2.53238
36	+39,840.251	+96,289.036	+2.41688
37	+39,729.895	+90,446.704	+2.27654
38	+39,173.391	+77,272.231	+1.97257
39	+38,078.001	+67,912.761	+1.78352
40	+36,731.849	+57,232.351	+1.55811
41	+35,570.473	+46,781.818	+1.31519
42	+34,024.419	+51,687.797	+1.51914

43	+32,708.474	+59,907.707	+1.83157
44	+30,604.949	+45,538.755	+1.48795
45	+29,404.618	+51,448.562	+1.74968
46	+27,422.907	+53,956.242	+1.96756
47	+24,979.327	+44,856.332	+1.79574
48	+24,239.871	+47,111.203	+1.94354

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01500	+26,514.47	+9,946.001	-11,753.500	+0.000	+0.000
02	+0.01524	+32,618.33	+10,105.137	-11,753.500	+0.000	+0.000
03	+0.01534	+36,055.40	+10,171.443	-11,141.750	+0.000	+0.000
04	+0.01506	+28,055.87	+9,985.785	-11,141.750	+0.000	+0.000
05	+0.01491	+46,150.21	+9,886.325	-10,380.000	+0.000	+0.000
06	+0.01482	+47,169.93	+9,826.649	-10,380.000	+0.000	+0.000
07	+0.01472	+42,773.99	+9,760.342	-8,966.750	+0.000	+0.000
08	+0.01463	+42,658.81	+9,700.666	-8,966.750	+0.000	+0.000
09	+0.01481	+44,196.59	+9,820.018	-7,624.630	+0.000	+0.000
10	+0.01506	+42,620.90	+9,985.785	-7,624.630	+0.000	+0.000
11	+0.01540	+10,983.45	+10,211.227	+21,334.590	+0.000	+0.000
12	+0.01610	+7,829.19	+10,675.374	+21,334.590	+0.000	+0.000
13	+0.01845	+12,618.69	+12,233.581	+3,028.330	+0.000	+0.000
14	+0.02008	+20,246.44	+13,314.380	+3,028.330	+0.000	+0.000
15	+0.02219	+19,403.51	+14,713.450	+24,905.230	+0.000	+0.000
16	+0.02303	+25,681.13	+15,270.427	+24,905.230	+0.000	+0.000
17	+0.02343	+31,558.58	+15,535.653	+3,028.330	+0.000	+0.000
18	+0.02354	+34,163.41	+15,608.591	+3,028.330	+0.000	+0.000
19	+0.02340	+32,139.11	+15,515.761	+3,028.330	+0.000	+0.000
20	+0.02317	+23,928.88	+15,363.256	+3,028.330	+0.000	+0.000
21	+0.02280	+20,232.53	+15,117.921	+3,028.330	+0.000	+0.000
22	+0.02261	+16,966.40	+14,991.938	+3,028.330	+0.000	+0.000
23	+0.02261	+21,251.19	+14,991.938	+3,028.330	+0.000	+0.000
24	+0.02267	+16,380.63	+15,031.722	+3,028.330	+0.000	+0.000
25	+0.02280	+16,929.55	+15,117.921	+3,028.330	+0.000	+0.000
26	+0.02280	+16,244.06	+15,117.921	+3,028.330	+0.000	+0.000
27	+0.02283	+15,637.73	+15,137.813	+22,963.950	+0.000	+0.000
28	+0.02302	+14,694.99	+15,263.796	+22,963.950	+0.000	+0.000
29	+0.02308	+10,653.47	+15,303.580	+23,524.500	+0.000	+0.000
30	+0.02336	+13,139.77	+15,489.239	+23,524.500	+0.000	+0.000
31	+0.02340	+3,094.22	+15,515.761	+58,687.780	+0.000	+0.000
32	+0.02403	+24,173.12	+15,933.493	+58,687.780	+0.000	+0.000
33	+0.02453	+31,602.84	+16,265.027	+18,125.830	+0.000	+0.000
34	+0.02573	+39,579.20	+17,060.707	+18,125.830	+0.000	+0.000
35	+0.02668	+55,046.78	+17,690.620	+3,028.330	+0.000	+0.000
36	+0.02659	+50,252.28	+17,630.944	+3,028.330	+0.000	+0.000
37	+0.02652	+44,523.17	+17,584.529	+3,028.330	+0.000	+0.000
38	+0.02615	+31,947.16	+17,339.195	+3,028.330	+0.000	+0.000
39	+0.02542	+23,768.44	+16,855.156	+3,028.330	+0.000	+0.000
40	+0.02452	+14,543.75	+16,258.396	+3,028.330	+0.000	+0.000
41	+0.02374	+5,354.84	+15,741.204	+3,028.330	+0.000	+0.000
42	+0.02271	+14,955.14	+15,058.245	+0.000	+0.000	+0.000

43	+0.02183	+24,598.42	+14,474.746	+ .000	+ .000	+ .000
44	+0.02043	+12,493.92	+13,546.453	+ .000	+ .000	+ .000
45	+0.01963	+7,039.69	+13,016.000	+12,658.010	+ .000	+ .000
46	+0.01830	+11,698.60	+12,134.121	+12,658.010	+ .000	+ .000
47	+0.01667	+17,210.67	+11,053.322	+682.500	+ .000	+ .000
48	+0.01618	+20,258.10	+10,728.419	+682.500	+ .000	+ .000

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

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+1,918.648	+0.000	+12,361.066	+0.000	+0.000
02	+0.000	+1,949.346	+0.000	+12,558.843	+0.000	+0.000
03	+0.000	+1,962.137	+0.000	+12,641.250	+0.000	+0.000
04	+0.000	+1,926.322	+0.000	+12,410.510	+0.000	+0.000
05	+0.000	+1,907.136	+0.000	+12,286.899	+0.000	+0.000
06	+0.000	+1,895.624	+0.000	+12,212.733	+0.000	+0.000
07	+0.000	+1,882.833	+0.000	+12,130.326	+0.000	+0.000
08	+0.000	+1,871.321	+0.000	+12,056.159	+0.000	+0.000
09	+0.000	+1,894.345	+0.000	+12,204.492	+0.000	+0.000
10	+0.000	+1,926.322	+0.000	+12,410.510	+0.000	+0.000
11	+0.000	+1,969.812	+0.000	+12,690.694	+0.000	+0.000
12	+0.000	+2,059.349	+0.000	+13,267.544	+0.000	+0.000
13	+0.000	+2,359.937	+0.000	+15,204.111	+0.000	+0.000
14	+0.000	+2,568.430	+0.000	+16,547.346	+0.000	+0.000
15	+0.000	+2,838.320	+0.000	+18,286.136	+0.000	+0.000
16	+0.000	+2,945.764	+0.000	+18,978.356	+0.000	+0.000
17	+0.000	+2,996.928	+0.000	+19,307.984	+0.000	+0.000
18	+0.000	+3,010.998	+0.000	+19,398.632	+0.000	+0.000
19	+0.000	+2,993.091	+0.000	+19,283.262	+0.000	+0.000
20	+0.000	+2,963.671	+0.000	+19,093.726	+0.000	+0.000
21	+0.000	+2,916.345	+0.000	+18,788.820	+0.000	+0.000
22	+0.000	+2,892.042	+0.000	+18,632.246	+0.000	+0.000
23	+0.000	+2,892.042	+0.000	+18,632.246	+0.000	+0.000
24	+0.000	+2,899.716	+0.000	+18,681.690	+0.000	+0.000
25	+0.000	+2,916.345	+0.000	+18,788.820	+0.000	+0.000
26	+0.000	+2,916.345	+0.000	+18,788.820	+0.000	+0.000
27	+0.000	+2,920.182	+0.000	+18,813.542	+0.000	+0.000
28	+0.000	+2,944.485	+0.000	+18,970.115	+0.000	+0.000
29	+0.000	+2,952.159	+0.000	+19,019.560	+0.000	+0.000
30	+0.000	+2,987.974	+0.000	+19,250.299	+0.000	+0.000
31	+0.000	+2,993.091	+0.000	+19,283.262	+0.000	+0.000
32	+0.000	+3,073.674	+0.000	+19,802.427	+0.000	+0.000
33	+0.000	+3,137.629	+0.000	+20,214.463	+0.000	+0.000
34	+0.000	+3,291.121	+0.000	+21,203.348	+0.000	+0.000
35	+0.000	+3,412.635	+0.000	+21,986.215	+0.000	+0.000
36	+0.000	+3,401.123	+0.000	+21,912.049	+0.000	+0.000
37	+0.000	+3,392.169	+0.000	+21,854.364	+0.000	+0.000
38	+0.000	+3,344.843	+0.000	+21,549.458	+0.000	+0.000
39	+0.000	+3,251.469	+0.000	+20,947.886	+0.000	+0.000
40	+0.000	+3,136.350	+0.000	+20,206.222	+0.000	+0.000
41	+0.000	+3,036.580	+0.000	+19,563.446	+0.000	+0.000
42	+0.000	+2,904.833	+0.000	+18,714.653	+0.000	+0.000

43	+.000	+2,792.272	+.000	+17,989.471	+.000	+.000
44	+.000	+2,613.198	+.000	+16,835.771	+.000	+.000
45	+.000	+2,510.870	+.000	+16,176.515	+.000	+.000
46	+.000	+2,340.750	+.000	+15,080.500	+.000	+.000
47	+.000	+2,132.257	+.000	+13,737.264	+.000	+.000
48	+.000	+2,069.581	+.000	+13,333.469	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(f)	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+61.926	+1,200.000	-1,225.647	+0.000	+0.000	+39,022.963
02	+62.917	+1,219.200	-1,245.258	+0.000	+0.000	+45,515.015
03	+63.330	+1,227.200	-1,253.429	+0.000	+0.000	+49,725.582
04	+62.174	+1,204.800	-1,230.550	+0.000	+0.000	+41,273.161
05	+61.555	+1,192.800	-1,218.294	+0.000	+0.000	+59,886.631
06	+61.183	+1,185.600	-1,210.940	+0.000	+0.000	+60,760.779
07	+60.770	+1,177.600	-1,202.769	+0.000	+0.000	+57,616.343
08	+60.399	+1,170.400	-1,195.415	+0.000	+0.000	+57,355.591
09	+61.142	+1,184.800	-1,210.123	+0.000	+0.000	+60,526.634
10	+62.174	+1,204.800	-1,230.550	+0.000	+0.000	+59,355.311
11	+63.578	+1,232.000	-1,258.331	+0.000	+0.000	+57,227.020
12	+66.468	+1,288.000	-1,315.528	+0.000	+0.000	+55,204.986
13	+76.169	+1,476.000	-1,507.546	+0.000	+0.000	+45,489.271
14	+82.899	+1,606.400	-1,640.733	+0.000	+0.000	+55,753.491
15	+91.610	+1,775.200	-1,813.141	+0.000	+0.000	+80,200.315
16	+95.078	+1,842.400	-1,881.777	+0.000	+0.000	+87,836.607
17	+96.729	+1,874.400	-1,914.461	+0.000	+0.000	+72,484.143
18	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+75,266.894
19	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+73,016.149
20	+95.655	+1,853.600	-1,893.217	+0.000	+0.000	+64,433.902
21	+94.128	+1,824.000	-1,862.984	+0.000	+0.000	+60,139.089
22	+93.344	+1,808.800	-1,847.459	+0.000	+0.000	+56,565.641
23	+93.344	+1,808.800	-1,847.459	+0.000	+0.000	+60,850.431
24	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+56,076.919
25	+94.128	+1,824.000	-1,862.984	+0.000	+0.000	+56,836.109
26	+94.128	+1,824.000	-1,862.984	+0.000	+0.000	+56,150.619
27	+94.252	+1,826.400	-1,865.435	+0.000	+0.000	+75,528.433
28	+95.036	+1,841.600	-1,880.960	+0.000	+0.000	+74,893.012
29	+95.284	+1,846.400	-1,885.863	+0.000	+0.000	+71,509.090
30	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+74,448.281
31	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+99,630.709
32	+99.206	+1,922.400	-1,963.487	+0.000	+0.000	+121,728.613
33	+101.270	+1,962.400	-2,004.342	+0.000	+0.000	+89,405.116
34	+106.224	+2,058.400	-2,102.394	+0.000	+0.000	+99,322.435
35	+110.146	+2,134.400	-2,180.018	+0.000	+0.000	+101,229.108
36	+109.775	+2,127.200	-2,172.664	+0.000	+0.000	+96,289.036
37	+109.486	+2,121.600	-2,166.945	+0.000	+0.000	+90,446.704
38	+107.958	+2,092.000	-2,136.712	+0.000	+0.000	+77,272.231
39	+104.944	+2,033.600	-2,077.064	+0.000	+0.000	+67,912.761
40	+101.229	+1,961.600	-2,003.525	+0.000	+0.000	+57,232.351
41	+98.009	+1,899.200	-1,939.791	+0.000	+0.000	+46,781.818
42	+93.756	+1,816.800	-1,855.630	+0.000	+0.000	+51,687.797

43	+90.123	+1,746.400	-1,783.726	+.000	+.000	+59,907.707
44	+84.344	+1,634.400	-1,669.332	+.000	+.000	+45,538.755
45	+81.041	+1,570.400	-1,603.964	+.000	+.000	+51,448.562
46	+75.550	+1,464.000	-1,495.290	+.000	+.000	+53,956.242
47	+68.821	+1,333.600	-1,362.103	+.000	+.000	+44,856.332
48	+66.798	+1,294.400	-1,322.065	+.000	+.000	+47,111.203