

Date: 05/12/2019

Settlement Day:12/11/2019

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: 226

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,147,472.010	+379,349,520.580
Balancing Services Contract Cost	+1,181,327.049	+201,405,392.341
Balancing Services Cost Variable	+1,330,273.540	+95,578,134.765
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	+126,715.336	+26,409,486.636
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+186,240,055.040
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+933,022.920
ESO Incentive Recovery t-1	+80,000.000	+2,800,000.000
ALoMCP Recovery	-81,709.830	-2,859,844.050
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+186,240,055.040
Total External Costs	+4,788,206.525	+710,615,713.192
Total Adjusted Energy Volume (MWh)	+1,492,388.747	

Date: 05/12/2019

Settlement Day:12/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+22,577.138	+120,819.619	+5.35141
02	+22,971.939	+109,800.378	+4.77976
03	+23,216.210	+111,821.068	+4.81651
04	+23,060.874	+98,007.710	+4.24996
05	+23,160.000	+108,330.967	+4.67750
06	+22,730.972	+100,959.033	+4.44147
07	+22,587.590	+108,329.445	+4.79597
08	+22,446.288	+106,227.312	+4.73251
09	+22,118.285	+111,464.084	+5.03945
10	+22,455.677	+121,149.087	+5.39503
11	+22,709.549	+148,575.607	+6.54243
12	+23,783.142	+192,376.500	+8.08878
13	+26,421.488	+243,145.797	+9.20258
14	+29,626.381	+187,054.070	+6.31377
15	+32,076.298	+201,702.793	+6.28822
16	+33,128.792	+190,002.381	+5.73526
17	+33,600.480	+134,348.906	+3.99842
18	+33,233.306	+121,377.848	+3.65230
19	+33,164.444	+130,332.421	+3.92988
20	+33,043.553	+124,264.679	+3.76063
21	+32,648.558	+127,166.380	+3.89501
22	+32,493.282	+129,313.982	+3.97971
23	+32,760.487	+115,173.398	+3.51562
24	+32,893.641	+109,448.936	+3.32736
25	+33,458.763	+115,058.278	+3.43881
26	+33,749.035	+121,849.909	+3.61047
27	+34,442.466	+108,039.269	+3.13680
28	+34,453.061	+96,663.784	+2.80567
29	+34,832.136	+100,684.407	+2.89056
30	+35,112.126	+88,359.878	+2.51651
31	+36,079.631	+104,557.934	+2.89798
32	+37,360.369	+111,598.436	+2.98708
33	+38,153.610	+125,654.544	+3.29339
34	+39,305.248	+137,007.013	+3.48572
35	+39,357.639	+104,910.489	+2.66557
36	+39,253.345	+112,987.462	+2.87842
37	+38,951.737	+113,814.096	+2.92193
38	+38,462.123	+105,849.580	+2.75205
39	+37,922.971	+109,186.489	+2.87916
40	+37,160.367	+85,431.117	+2.29898
41	+36,254.588	+97,475.983	+2.68865
42	+34,856.459	+83,131.128	+2.38496

43	+33,218.039	+73,638.993	+2.21684
44	+31,021.128	+65,697.671	+2.11784
45	+28,861.763	+68,136.939	+2.36080
46	+27,208.820	+62,251.729	+2.28792
47	+27,212.668	+79,687.619	+2.92833
48	+26,792.281	+89,412.420	+3.33725

Date: 05/12/2019

Settlement Day:12/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+0.01513	+91,853.60	+17,873.478	-3,329.450	+0.000	+0.000
02	+0.01539	+80,279.38	+18,180.623	-3,329.450	+0.000	+0.000
03	+0.01556	+81,775.35	+18,381.449	-3,167.600	+0.000	+0.000
04	+0.01545	+68,196.79	+18,251.503	-3,167.600	+0.000	+0.000
05	+0.01552	+78,224.86	+18,334.196	-3,021.830	+0.000	+0.000
06	+0.01523	+71,471.94	+17,991.611	-3,021.830	+0.000	+0.000
07	+0.01514	+75,625.88	+17,885.292	+386.750	+0.000	+0.000
08	+0.01504	+73,737.20	+17,767.159	+386.750	+0.000	+0.000
09	+0.01482	+79,443.57	+17,507.267	+386.750	+0.000	+0.000
10	+0.01505	+88,637.63	+17,778.972	+386.750	+0.000	+0.000
11	+0.01522	+115,701.28	+17,979.798	+386.750	+0.000	+0.000
12	+0.01594	+157,965.31	+18,830.353	+386.750	+0.000	+0.000
13	+0.01770	+136,578.56	+20,909.489	+68,786.020	+0.000	+0.000
14	+0.01985	+75,897.59	+23,449.342	+68,786.020	+0.000	+0.000
15	+0.02149	+41,657.51	+25,386.718	+114,174.190	+0.000	+0.000
16	+0.02220	+28,441.58	+26,225.460	+114,174.190	+0.000	+0.000
17	+0.02251	+26,356.45	+26,591.672	+59,944.140	+0.000	+0.000
18	+0.02227	+13,897.68	+26,308.153	+59,944.140	+0.000	+0.000
19	+0.02222	+15,477.88	+26,249.087	+67,425.240	+0.000	+0.000
20	+0.02214	+9,580.90	+26,154.581	+67,425.240	+0.000	+0.000
21	+0.02188	-5,697.24	+25,847.436	+86,160.060	+0.000	+0.000
22	+0.02177	-3,314.84	+25,717.490	+86,160.060	+0.000	+0.000
23	+0.02195	-2,769.63	+25,930.129	+71,090.050	+0.000	+0.000
24	+0.02204	-8,686.20	+26,036.448	+71,090.050	+0.000	+0.000
25	+0.02242	+2,884.64	+26,485.352	+64,317.430	+0.000	+0.000
26	+0.02261	+9,270.71	+26,709.805	+64,317.430	+0.000	+0.000
27	+0.02308	+15,760.72	+27,265.028	+43,013.550	+0.000	+0.000
28	+0.02309	+4,363.89	+27,276.842	+43,013.550	+0.000	+0.000
29	+0.02334	+23,255.93	+27,572.173	+27,608.500	+0.000	+0.000
30	+0.02353	+10,525.84	+27,796.625	+27,608.500	+0.000	+0.000
31	+0.02418	+28,493.20	+28,564.488	+24,451.750	+0.000	+0.000
32	+0.02503	+33,719.35	+29,568.616	+24,451.750	+0.000	+0.000
33	+0.02557	+44,203.88	+30,206.533	+26,870.680	+0.000	+0.000
34	+0.02634	+53,912.76	+31,116.154	+26,870.680	+0.000	+0.000
35	+0.02637	+43,242.94	+31,151.594	+5,379.940	+0.000	+0.000
36	+0.02630	+51,469.33	+31,068.901	+5,379.940	+0.000	+0.000
37	+0.02610	+52,722.87	+30,832.636	+5,379.940	+0.000	+0.000
38	+0.02577	+45,462.75	+30,442.798	+5,379.940	+0.000	+0.000
39	+0.02541	+49,568.09	+30,017.520	+5,379.940	+0.000	+0.000
40	+0.02490	+26,901.33	+29,415.044	+5,379.940	+0.000	+0.000
41	+0.02429	+40,248.26	+28,694.434	+5,379.940	+0.000	+0.000
42	+0.02336	+33,268.46	+27,595.800	+0.000	+0.000	+0.000

43	+0.02226	+26,124.31	+26,296.340	+ .000	+ .000	+ .000
44	+0.02079	+21,320.75	+24,559.789	+ .000	+ .000	+ .000
45	+0.01934	+26,143.09	+22,846.865	+712.000	+ .000	+ .000
46	+0.01823	+22,627.21	+21,535.592	+712.000	+ .000	+ .000
47	+0.01823	+40,663.10	+21,535.592	+112.000	+ .000	+ .000
48	+0.01795	+50,985.57	+21,204.821	+112.000	+ .000	+ .000

Date: 05/12/2019

Settlement Day:12/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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	+1,917.203	+0.000	+12,468.195	+0.000	+0.000
02	+0.000	+1,950.149	+0.000	+12,682.453	+0.000	+0.000
03	+0.000	+1,971.691	+0.000	+12,822.545	+0.000	+0.000
04	+0.000	+1,957.752	+0.000	+12,731.898	+0.000	+0.000
05	+0.000	+1,966.622	+0.000	+12,789.583	+0.000	+0.000
06	+0.000	+1,929.875	+0.000	+12,550.602	+0.000	+0.000
07	+0.000	+1,918.470	+0.000	+12,476.436	+0.000	+0.000
08	+0.000	+1,905.799	+0.000	+12,394.028	+0.000	+0.000
09	+0.000	+1,877.921	+0.000	+12,212.733	+0.000	+0.000
10	+0.000	+1,907.066	+0.000	+12,402.269	+0.000	+0.000
11	+0.000	+1,928.607	+0.000	+12,542.361	+0.000	+0.000
12	+0.000	+2,019.842	+0.000	+13,135.692	+0.000	+0.000
13	+0.000	+2,242.861	+0.000	+14,586.057	+0.000	+0.000
14	+0.000	+2,515.299	+0.000	+16,357.810	+0.000	+0.000
15	+0.000	+2,723.113	+0.000	+17,709.287	+0.000	+0.000
16	+0.000	+2,813.080	+0.000	+18,294.377	+0.000	+0.000
17	+0.000	+2,852.362	+0.000	+18,549.839	+0.000	+0.000
18	+0.000	+2,821.951	+0.000	+18,352.062	+0.000	+0.000
19	+0.000	+2,815.615	+0.000	+18,310.859	+0.000	+0.000
20	+0.000	+2,805.478	+0.000	+18,244.933	+0.000	+0.000
21	+0.000	+2,772.532	+0.000	+18,030.674	+0.000	+0.000
22	+0.000	+2,758.593	+0.000	+17,940.027	+0.000	+0.000
23	+0.000	+2,781.402	+0.000	+18,088.359	+0.000	+0.000
24	+0.000	+2,792.806	+0.000	+18,162.526	+0.000	+0.000
25	+0.000	+2,840.958	+0.000	+18,475.673	+0.000	+0.000
26	+0.000	+2,865.034	+0.000	+18,632.246	+0.000	+0.000
27	+0.000	+2,924.590	+0.000	+19,019.560	+0.000	+0.000
28	+0.000	+2,925.857	+0.000	+19,027.800	+0.000	+0.000
29	+0.000	+2,957.536	+0.000	+19,233.818	+0.000	+0.000
30	+0.000	+2,981.612	+0.000	+19,390.392	+0.000	+0.000
31	+0.000	+3,063.977	+0.000	+19,926.038	+0.000	+0.000
32	+0.000	+3,171.685	+0.000	+20,626.498	+0.000	+0.000
33	+0.000	+3,240.111	+0.000	+21,071.496	+0.000	+0.000
34	+0.000	+3,337.682	+0.000	+21,706.031	+0.000	+0.000
35	+0.000	+3,341.483	+0.000	+21,730.753	+0.000	+0.000
36	+0.000	+3,332.613	+0.000	+21,673.068	+0.000	+0.000
37	+0.000	+3,307.270	+0.000	+21,508.254	+0.000	+0.000
38	+0.000	+3,265.454	+0.000	+21,236.311	+0.000	+0.000
39	+0.000	+3,219.837	+0.000	+20,939.645	+0.000	+0.000
40	+0.000	+3,155.212	+0.000	+20,519.369	+0.000	+0.000
41	+0.000	+3,077.916	+0.000	+20,016.686	+0.000	+0.000
42	+0.000	+2,960.070	+0.000	+19,250.299	+0.000	+0.000

43	+.000	+2,820.683	+.000	+18,343.821	+.000	+.000
44	+.000	+2,634.412	+.000	+17,132.437	+.000	+.000
45	+.000	+2,450.675	+.000	+15,937.534	+.000	+.000
46	+.000	+2,310.021	+.000	+15,022.815	+.000	+.000
47	+.000	+2,310.021	+.000	+15,022.815	+.000	+.000
48	+.000	+2,274.540	+.000	+14,792.075	+.000	+.000

Date: 05/12/2019

Settlement Day:12/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

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(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+62.463	+1,210.400	-1,236.270	+0.000	+0.000	+120,819.619
02	+63.536	+1,231.200	-1,257.514	+0.000	+0.000	+109,800.378
03	+64.238	+1,244.800	-1,271.405	+0.000	+0.000	+111,821.068
04	+63.784	+1,236.000	-1,262.417	+0.000	+0.000	+98,007.710
05	+64.073	+1,241.600	-1,268.137	+0.000	+0.000	+108,330.967
06	+62.876	+1,218.400	-1,244.441	+0.000	+0.000	+100,959.033
07	+62.504	+1,211.200	-1,237.087	+0.000	+0.000	+108,329.445
08	+62.091	+1,203.200	-1,228.916	+0.000	+0.000	+106,227.312
09	+61.183	+1,185.600	-1,210.940	+0.000	+0.000	+111,464.084
10	+62.133	+1,204.000	-1,229.733	+0.000	+0.000	+121,149.087
11	+62.835	+1,217.600	-1,243.624	+0.000	+0.000	+148,575.607
12	+65.807	+1,275.200	-1,302.455	+0.000	+0.000	+192,376.500
13	+73.073	+1,416.000	-1,446.264	+0.000	+0.000	+243,145.797
14	+81.949	+1,588.000	-1,621.940	+0.000	+0.000	+187,054.070
15	+88.720	+1,719.200	-1,755.944	+0.000	+0.000	+201,702.793
16	+91.651	+1,776.000	-1,813.958	+0.000	+0.000	+190,002.381
17	+92.931	+1,800.800	-1,839.288	+0.000	+0.000	+134,348.906
18	+91.940	+1,781.600	-1,819.678	+0.000	+0.000	+121,377.848
19	+91.733	+1,777.600	-1,815.592	+0.000	+0.000	+130,332.421
20	+91.403	+1,771.200	-1,809.056	+0.000	+0.000	+124,264.679
21	+90.330	+1,750.400	-1,787.811	+0.000	+0.000	+127,166.380
22	+89.876	+1,741.600	-1,778.823	+0.000	+0.000	+129,313.982
23	+90.619	+1,756.000	-1,793.531	+0.000	+0.000	+115,173.398
24	+90.990	+1,763.200	-1,800.885	+0.000	+0.000	+109,448.936
25	+92.559	+1,793.600	-1,831.934	+0.000	+0.000	+115,058.278
26	+93.344	+1,808.800	-1,847.459	+0.000	+0.000	+121,849.909
27	+95.284	+1,846.400	-1,885.863	+0.000	+0.000	+108,039.269
28	+95.325	+1,847.200	-1,886.680	+0.000	+0.000	+96,663.784
29	+96.357	+1,867.200	-1,907.107	+0.000	+0.000	+100,684.407
30	+97.142	+1,882.400	-1,922.632	+0.000	+0.000	+88,359.878
31	+99.825	+1,934.400	-1,975.744	+0.000	+0.000	+104,557.934
32	+103.334	+2,002.400	-2,045.197	+0.000	+0.000	+111,598.436
33	+105.564	+2,045.600	-2,089.320	+0.000	+0.000	+125,654.544
34	+108.743	+2,107.200	-2,152.237	+0.000	+0.000	+137,007.013
35	+108.866	+2,109.600	-2,154.688	+0.000	+0.000	+104,910.489
36	+108.577	+2,104.000	-2,148.969	+0.000	+0.000	+112,987.462
37	+107.752	+2,088.000	-2,132.627	+0.000	+0.000	+113,814.096
38	+106.389	+2,061.600	-2,105.662	+0.000	+0.000	+105,849.580
39	+104.903	+2,032.800	-2,076.247	+0.000	+0.000	+109,186.489
40	+102.798	+1,992.000	-2,034.575	+0.000	+0.000	+85,431.117
41	+100.279	+1,943.200	-1,984.732	+0.000	+0.000	+97,475.983
42	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+83,131.128

43	+91.899	+1,780.800	-1,818.861	+.000	+.000	+73,638.993
44	+85.830	+1,663.200	-1,698.747	+.000	+.000	+65,697.671
45	+79.844	+1,547.200	-1,580.268	+.000	+.000	+68,136.939
46	+75.261	+1,458.400	-1,489.570	+.000	+.000	+62,251.729
47	+75.261	+1,458.400	-1,489.570	+.000	+.000	+79,687.619
48	+74.105	+1,436.000	-1,466.691	+.000	+.000	+89,412.420