

Date: 20/11/2019

Settlement Day:12/11/2019

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: 226

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,149,547.790	+379,029,622.320
Balancing Services Contract Cost	-493,751.149	+165,795,090.796
Balancing Services Cost Variable	+1,330,273.540	+96,234,014.605
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	+27,860,999.949
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	+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	+186,240,055.040
Total External Costs	+3,111,776.442	+677,400,521.840
Total Adjusted Energy Volume (MWh)	+1,490,172.057	

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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	+22,531.635	+95,553.705	+4.24087
02	+22,923.368	+84,076.872	+3.66774
03	+23,170.330	+85,801.407	+3.70307
04	+23,013.276	+72,173.954	+3.13619
05	+23,115.320	+82,385.896	+3.56413
06	+22,680.694	+75,506.118	+3.32909
07	+22,537.104	+83,030.515	+3.68417
08	+22,401.495	+81,090.053	+3.61985
09	+22,065.333	+86,700.697	+3.92927
10	+22,394.538	+96,013.523	+4.28736
11	+22,647.568	+123,210.228	+5.44033
12	+23,728.023	+165,823.236	+6.98850
13	+26,364.943	+213,612.853	+8.10215
14	+29,568.671	+153,800.869	+5.20148
15	+32,023.705	+165,653.572	+5.17284
16	+33,073.129	+152,740.210	+4.61826
17	+33,531.795	+96,559.018	+2.87963
18	+33,159.561	+83,976.442	+2.53250
19	+33,094.834	+93,027.911	+2.81095
20	+32,975.276	+87,077.649	+2.64070
21	+32,595.378	+90,428.492	+2.77427
22	+32,438.326	+92,757.159	+2.85949
23	+32,706.981	+78,324.004	+2.39472
24	+32,839.740	+72,441.666	+2.20591
25	+33,401.368	+77,416.606	+2.31777
26	+33,691.659	+83,899.291	+2.49021
27	+34,399.838	+69,312.694	+2.01491
28	+34,430.441	+57,917.244	+1.68215
29	+34,803.459	+61,526.571	+1.76783
30	+35,088.894	+48,880.796	+1.39306
31	+36,061.009	+63,991.903	+1.77455
32	+37,347.549	+69,616.395	+1.86402
33	+38,135.987	+82,767.159	+2.17032
34	+39,274.816	+92,837.459	+2.36379
35	+39,326.109	+60,683.200	+1.54308
36	+39,219.673	+68,879.788	+1.75626
37	+38,915.376	+70,037.033	+1.79973
38	+38,426.710	+62,628.414	+1.62981
39	+37,886.380	+66,564.465	+1.75695
40	+37,116.282	+43,648.421	+1.17599
41	+36,206.331	+56,716.725	+1.56649
42	+34,809.919	+43,897.611	+1.26107

43	+33,171.582	+36,281.762	+1.09376
44	+30,979.282	+30,811.044	+0.99457
45	+28,819.190	+35,688.226	+1.23835
46	+27,167.010	+31,665.947	+1.16560
47	+27,166.584	+49,104.747	+1.80754
48	+26,745.586	+59,303.369	+2.21731

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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	+0.01512	+91,988.04	-7,465.517	-3,329.450	+0.000	+0.000
02	+0.01538	+80,392.64	-7,593.893	-3,329.450	+0.000	+0.000
03	+0.01555	+81,877.80	-7,677.830	-3,167.600	+0.000	+0.000
04	+0.01544	+68,300.51	-7,623.518	-3,167.600	+0.000	+0.000
05	+0.01551	+78,334.76	-7,658.080	-3,021.830	+0.000	+0.000
06	+0.01522	+71,587.23	-7,514.892	-3,021.830	+0.000	+0.000
07	+0.01512	+75,748.65	-7,465.517	+386.750	+0.000	+0.000
08	+0.01503	+73,849.23	-7,421.080	+386.750	+0.000	+0.000
09	+0.01481	+79,560.20	-7,312.455	+386.750	+0.000	+0.000
10	+0.01503	+88,772.70	-7,421.080	+386.750	+0.000	+0.000
11	+0.01520	+115,891.88	-7,505.017	+386.750	+0.000	+0.000
12	+0.01592	+158,176.55	-7,860.518	+386.750	+0.000	+0.000
13	+0.01769	+136,759.73	-8,734.458	+68,786.020	+0.000	+0.000
14	+0.01984	+75,967.29	-9,796.023	+68,786.020	+0.000	+0.000
15	+0.02149	+41,679.38	-10,610.712	+114,174.190	+0.000	+0.000
16	+0.02219	+28,446.80	-10,956.338	+114,174.190	+0.000	+0.000
17	+0.02250	+26,354.29	-11,109.401	+59,944.140	+0.000	+0.000
18	+0.02225	+13,885.72	-10,985.963	+59,944.140	+0.000	+0.000
19	+0.02221	+15,474.33	-10,966.213	+67,425.240	+0.000	+0.000
20	+0.02213	+9,560.55	-10,926.713	+67,425.240	+0.000	+0.000
21	+0.02187	-5,704.86	-10,798.338	+86,160.060	+0.000	+0.000
22	+0.02177	-3,330.59	-10,748.963	+86,160.060	+0.000	+0.000
23	+0.02195	-2,775.82	-10,837.838	+71,090.050	+0.000	+0.000
24	+0.02204	-8,699.20	-10,882.275	+71,090.050	+0.000	+0.000
25	+0.02241	+2,879.63	-11,064.963	+64,317.430	+0.000	+0.000
26	+0.02261	+9,271.11	-11,163.713	+64,317.430	+0.000	+0.000
27	+0.02308	+15,774.06	-11,395.777	+43,013.550	+0.000	+0.000
28	+0.02311	+4,364.93	-11,410.589	+43,013.550	+0.000	+0.000
29	+0.02336	+23,265.30	-11,534.027	+27,608.500	+0.000	+0.000
30	+0.02355	+10,532.88	-11,627.840	+27,608.500	+0.000	+0.000
31	+0.02420	+28,504.32	-11,948.778	+24,451.750	+0.000	+0.000
32	+0.02506	+33,736.63	-12,373.404	+24,451.750	+0.000	+0.000
33	+0.02559	+44,226.77	-12,635.092	+26,870.680	+0.000	+0.000
34	+0.02636	+53,945.93	-13,015.280	+26,870.680	+0.000	+0.000
35	+0.02639	+43,268.73	-13,030.093	+5,379.940	+0.000	+0.000
36	+0.02632	+51,497.24	-12,995.530	+5,379.940	+0.000	+0.000
37	+0.02611	+52,750.25	-12,891.843	+5,379.940	+0.000	+0.000
38	+0.02579	+45,487.56	-12,733.842	+5,379.940	+0.000	+0.000
39	+0.02542	+49,592.34	-12,551.154	+5,379.940	+0.000	+0.000
40	+0.02491	+26,908.87	-12,299.341	+5,379.940	+0.000	+0.000
41	+0.02430	+40,255.35	-11,998.153	+5,379.940	+0.000	+0.000
42	+0.02336	+33,244.84	-11,534.027	+0.000	+0.000	+0.000

43	+0.02226	+26,130.62	-10,990.901	+ .000	+ .000	+ .000
44	+0.02079	+21,330.26	-10,265.086	+ .000	+ .000	+ .000
45	+0.01934	+26,156.68	-9,549.147	+712.000	+ .000	+ .000
46	+0.01823	+22,640.59	-9,001.083	+712.000	+ .000	+ .000
47	+0.01823	+40,679.39	-9,001.083	+112.000	+ .000	+ .000
48	+0.01795	+51,005.70	-8,862.833	+112.000	+ .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	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
02	+0.000	+1,896.164	+0.000	+12,674.213	+0.000	+0.000
03	+0.000	+1,917.123	+0.000	+12,814.305	+0.000	+0.000
04	+0.000	+1,903.562	+0.000	+12,723.657	+0.000	+0.000
05	+0.000	+1,912.192	+0.000	+12,781.342	+0.000	+0.000
06	+0.000	+1,876.438	+0.000	+12,542.361	+0.000	+0.000
07	+0.000	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
08	+0.000	+1,853.014	+0.000	+12,385.788	+0.000	+0.000
09	+0.000	+1,825.890	+0.000	+12,204.492	+0.000	+0.000
10	+0.000	+1,853.014	+0.000	+12,385.788	+0.000	+0.000
11	+0.000	+1,873.973	+0.000	+12,525.880	+0.000	+0.000
12	+0.000	+1,962.740	+0.000	+13,119.211	+0.000	+0.000
13	+0.000	+2,180.959	+0.000	+14,577.817	+0.000	+0.000
14	+0.000	+2,446.027	+0.000	+16,349.569	+0.000	+0.000
15	+0.000	+2,649.452	+0.000	+17,709.287	+0.000	+0.000
16	+0.000	+2,735.753	+0.000	+18,286.136	+0.000	+0.000
17	+0.000	+2,773.973	+0.000	+18,541.598	+0.000	+0.000
18	+0.000	+2,743.151	+0.000	+18,335.581	+0.000	+0.000
19	+0.000	+2,738.219	+0.000	+18,302.618	+0.000	+0.000
20	+0.000	+2,728.356	+0.000	+18,236.692	+0.000	+0.000
21	+0.000	+2,696.301	+0.000	+18,022.434	+0.000	+0.000
22	+0.000	+2,683.973	+0.000	+17,940.027	+0.000	+0.000
23	+0.000	+2,706.164	+0.000	+18,088.359	+0.000	+0.000
24	+0.000	+2,717.260	+0.000	+18,162.526	+0.000	+0.000
25	+0.000	+2,762.877	+0.000	+18,467.432	+0.000	+0.000
26	+0.000	+2,787.534	+0.000	+18,632.246	+0.000	+0.000
27	+0.000	+2,845.479	+0.000	+19,019.560	+0.000	+0.000
28	+0.000	+2,849.178	+0.000	+19,044.282	+0.000	+0.000
29	+0.000	+2,880.000	+0.000	+19,250.299	+0.000	+0.000
30	+0.000	+2,903.425	+0.000	+19,406.873	+0.000	+0.000
31	+0.000	+2,983.562	+0.000	+19,942.519	+0.000	+0.000
32	+0.000	+3,089.589	+0.000	+20,651.220	+0.000	+0.000
33	+0.000	+3,154.932	+0.000	+21,087.978	+0.000	+0.000
34	+0.000	+3,249.863	+0.000	+21,722.513	+0.000	+0.000
35	+0.000	+3,253.562	+0.000	+21,747.235	+0.000	+0.000
36	+0.000	+3,244.932	+0.000	+21,689.550	+0.000	+0.000
37	+0.000	+3,219.041	+0.000	+21,516.495	+0.000	+0.000
38	+0.000	+3,179.589	+0.000	+21,252.792	+0.000	+0.000
39	+0.000	+3,133.973	+0.000	+20,947.886	+0.000	+0.000
40	+0.000	+3,071.096	+0.000	+20,527.610	+0.000	+0.000
41	+0.000	+2,995.890	+0.000	+20,024.926	+0.000	+0.000
42	+0.000	+2,880.000	+0.000	+19,250.299	+0.000	+0.000

43	+.000	+2,744.384	+.000	+18,343.821	+.000	+.000
44	+.000	+2,563.151	+.000	+17,132.437	+.000	+.000
45	+.000	+2,384.384	+.000	+15,937.534	+.000	+.000
46	+.000	+2,247.534	+.000	+15,022.815	+.000	+.000
47	+.000	+2,247.534	+.000	+15,022.815	+.000	+.000
48	+.000	+2,213.014	+.000	+14,792.075	+.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(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+62.422	+1,209.600	-1,235.453	+0.000	+0.000	+95,553.705
02	+63.495	+1,230.400	-1,256.697	+0.000	+0.000	+84,076.872
03	+64.197	+1,244.000	-1,270.588	+0.000	+0.000	+85,801.407
04	+63.743	+1,235.200	-1,261.600	+0.000	+0.000	+72,173.954
05	+64.032	+1,240.800	-1,267.319	+0.000	+0.000	+82,385.896
06	+62.835	+1,217.600	-1,243.624	+0.000	+0.000	+75,506.118
07	+62.422	+1,209.600	-1,235.453	+0.000	+0.000	+83,030.515
08	+62.050	+1,202.400	-1,228.099	+0.000	+0.000	+81,090.053
09	+61.142	+1,184.800	-1,210.123	+0.000	+0.000	+86,700.697
10	+62.050	+1,202.400	-1,228.099	+0.000	+0.000	+96,013.523
11	+62.752	+1,216.000	-1,241.989	+0.000	+0.000	+123,210.228
12	+65.724	+1,273.600	-1,300.820	+0.000	+0.000	+165,823.236
13	+73.032	+1,415.200	-1,445.447	+0.000	+0.000	+213,612.853
14	+81.908	+1,587.200	-1,621.123	+0.000	+0.000	+153,800.869
15	+88.720	+1,719.200	-1,755.944	+0.000	+0.000	+165,653.572
16	+91.610	+1,775.200	-1,813.141	+0.000	+0.000	+152,740.210
17	+92.889	+1,800.000	-1,838.471	+0.000	+0.000	+96,559.018
18	+91.857	+1,780.000	-1,818.044	+0.000	+0.000	+83,976.442
19	+91.692	+1,776.800	-1,814.775	+0.000	+0.000	+93,027.911
20	+91.362	+1,770.400	-1,808.239	+0.000	+0.000	+87,077.649
21	+90.289	+1,749.600	-1,786.994	+0.000	+0.000	+90,428.492
22	+89.876	+1,741.600	-1,778.823	+0.000	+0.000	+92,757.159
23	+90.619	+1,756.000	-1,793.531	+0.000	+0.000	+78,324.004
24	+90.990	+1,763.200	-1,800.885	+0.000	+0.000	+72,441.666
25	+92.518	+1,792.800	-1,831.117	+0.000	+0.000	+77,416.606
26	+93.344	+1,808.800	-1,847.459	+0.000	+0.000	+83,899.291
27	+95.284	+1,846.400	-1,885.863	+0.000	+0.000	+69,312.694
28	+95.408	+1,848.800	-1,888.314	+0.000	+0.000	+57,917.244
29	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+61,526.571
30	+97.224	+1,884.000	-1,924.266	+0.000	+0.000	+48,880.796
31	+99.908	+1,936.000	-1,977.378	+0.000	+0.000	+63,991.903
32	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+69,616.395
33	+105.646	+2,047.200	-2,090.955	+0.000	+0.000	+82,767.159
34	+108.825	+2,108.800	-2,153.871	+0.000	+0.000	+92,837.459
35	+108.949	+2,111.200	-2,156.322	+0.000	+0.000	+60,683.200
36	+108.660	+2,105.600	-2,150.603	+0.000	+0.000	+68,879.788
37	+107.793	+2,088.800	-2,133.444	+0.000	+0.000	+70,037.033
38	+106.472	+2,063.200	-2,107.297	+0.000	+0.000	+62,628.414
39	+104.944	+2,033.600	-2,077.064	+0.000	+0.000	+66,564.465
40	+102.839	+1,992.800	-2,035.392	+0.000	+0.000	+43,648.421
41	+100.321	+1,944.000	-1,985.549	+0.000	+0.000	+56,716.725
42	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+43,897.611

43	+91.899	+1,780.800	-1,818.861	+.000	+.000	+36,281.762
44	+85.830	+1,663.200	-1,698.747	+.000	+.000	+30,811.044
45	+79.844	+1,547.200	-1,580.268	+.000	+.000	+35,688.226
46	+75.261	+1,458.400	-1,489.570	+.000	+.000	+31,665.947
47	+75.261	+1,458.400	-1,489.570	+.000	+.000	+49,104.747
48	+74.105	+1,436.000	-1,466.691	+.000	+.000	+59,303.369