

Date: 25/11/2019

Settlement Day:17/11/2019

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: 231

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,066,604.160	+383,922,790.660
Balancing Services Contract Cost	+990,978.987	+169,685,119.172
Balancing Services Cost Variable	+543,040.380	+99,945,103.515
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	+28,477,438.304
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+190,360,410.240
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+953,665.020
ESO Incentive Recovery t-1	+80,000.000	+2,000,000.000
ALoMCP Recovery	-81,709.830	-2,042,745.750
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+190,360,410.240
Total External Costs	+2,726,329.788	+690,523,338.771
Total Adjusted Energy Volume (MWh)	+1,417,526.006	

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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	+24,763.797	+76,190.922	+3.07671
02	+24,835.310	+82,387.730	+3.31736
03	+24,586.759	+83,272.784	+3.38690
04	+24,324.857	+76,988.348	+3.16501
05	+24,070.217	+74,328.232	+3.08798
06	+23,745.047	+67,024.558	+2.82268
07	+23,612.148	+68,337.230	+2.89416
08	+23,355.934	+71,852.834	+3.07643
09	+23,043.186	+70,608.677	+3.06419
10	+22,773.929	+69,256.054	+3.04102
11	+23,163.094	+70,322.298	+3.03596
12	+23,418.097	+68,691.784	+2.93328
13	+23,969.512	+68,187.939	+2.84478
14	+24,887.649	+60,762.650	+2.44148
15	+25,926.714	+47,502.003	+1.83216
16	+26,388.392	+46,844.612	+1.77520
17	+27,165.385	+38,641.190	+1.42244
18	+28,235.697	+61,140.245	+2.16535
19	+29,114.198	+51,802.024	+1.77927
20	+29,995.434	+66,402.423	+2.21375
21	+30,559.272	+66,162.706	+2.16506
22	+30,927.066	+65,153.112	+2.10667
23	+31,339.891	+67,910.682	+2.16691
24	+31,676.978	+62,351.683	+1.96836
25	+32,140.328	+68,460.715	+2.13006
26	+32,375.943	+72,290.784	+2.23285
27	+32,224.727	+73,468.680	+2.27989
28	+32,358.950	+67,864.196	+2.09723
29	+32,685.536	+63,695.530	+1.94874
30	+32,840.621	+59,532.563	+1.81277
31	+33,531.848	+65,163.724	+1.94334
32	+34,136.212	+80,706.021	+2.36423
33	+35,386.753	+102,411.667	+2.89407
34	+37,011.026	+117,662.807	+3.17913
35	+37,749.685	+133,638.350	+3.54012
36	+37,376.092	+122,140.083	+3.26787
37	+36,651.905	+108,843.958	+2.96967
38	+36,522.046	+94,889.462	+2.59814
39	+36,085.490	+99,815.245	+2.76608
40	+35,037.239	+90,382.345	+2.57961
41	+34,690.005	+86,627.136	+2.49718
42	+33,226.345	+71,893.517	+2.16375

43	+32,069.232	+73,802.517	+2.30135
44	+30,425.715	+47,405.860	+1.55809
45	+29,182.870	+54,455.192	+1.86600
46	+27,721.471	+56,906.833	+2.05281
47	+25,757.640	+70,621.032	+2.74175
48	+24,459.764	+85,658.114	+3.50200

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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	+0.01747	+10,903.41	+17,312.403	+31,382.500	+0.000	+0.000
02	+0.01752	+17,003.18	+17,361.952	+31,382.500	+0.000	+0.000
03	+0.01734	+18,237.57	+17,183.576	+31,382.500	+0.000	+0.000
04	+0.01716	+12,302.47	+17,005.199	+31,382.500	+0.000	+0.000
05	+0.01698	+9,991.69	+16,826.823	+31,382.500	+0.000	+0.000
06	+0.01675	+3,134.39	+16,598.898	+31,382.500	+0.000	+0.000
07	+0.01666	+4,621.73	+16,509.710	+31,382.500	+0.000	+0.000
08	+0.01648	+8,486.67	+16,331.334	+31,382.500	+0.000	+0.000
09	+0.01626	+7,669.48	+16,113.318	+31,382.500	+0.000	+0.000
10	+0.01607	+6,685.60	+15,925.032	+31,382.500	+0.000	+0.000
11	+0.01634	+7,227.84	+16,192.597	+31,382.500	+0.000	+0.000
12	+0.01652	+5,247.99	+16,370.973	+31,382.500	+0.000	+0.000
13	+0.01691	+4,319.75	+16,757.455	+31,050.000	+0.000	+0.000
14	+0.01756	-4,367.03	+17,401.591	+31,050.000	+0.000	+0.000
15	+0.01829	+12,005.57	+18,125.006	+0.000	+0.000	+0.000
16	+0.01862	+10,707.73	+18,452.029	+0.000	+0.000	+0.000
17	+0.01916	+1,456.30	+18,987.157	+0.000	+0.000	+0.000
18	+0.01992	+22,480.38	+19,740.301	+0.000	+0.000	+0.000
19	+0.02054	+11,938.89	+20,354.708	+0.000	+0.000	+0.000
20	+0.02116	+25,336.02	+20,969.115	+0.000	+0.000	+0.000
21	+0.02156	+24,320.00	+21,365.507	+0.000	+0.000	+0.000
22	+0.02182	+17,425.87	+21,623.161	+5,379.940	+0.000	+0.000
23	+0.02211	+19,620.62	+21,910.545	+5,379.940	+0.000	+0.000
24	+0.02235	+13,595.84	+22,148.380	+5,379.940	+0.000	+0.000
25	+0.02267	+19,083.83	+22,465.494	+5,379.940	+0.000	+0.000
26	+0.02284	+22,583.97	+22,633.960	+5,379.940	+0.000	+0.000
27	+0.02273	+23,975.35	+22,524.952	+5,379.940	+0.000	+0.000
28	+0.02283	+23,556.73	+22,624.050	+0.000	+0.000	+0.000
29	+0.02306	+18,941.69	+22,851.975	+0.000	+0.000	+0.000
30	+0.02317	+14,565.24	+22,960.983	+0.000	+0.000	+0.000
31	+0.02366	+19,245.43	+23,446.563	+0.000	+0.000	+0.000
32	+0.02408	+33,972.61	+23,862.774	+0.000	+0.000	+0.000
33	+0.02496	+48,590.45	+24,734.836	+5,379.940	+0.000	+0.000
34	+0.02611	+61,609.72	+25,874.461	+5,379.940	+0.000	+0.000
35	+0.02663	+76,576.07	+26,389.770	+5,379.940	+0.000	+0.000
36	+0.02637	+65,582.40	+26,132.116	+5,379.940	+0.000	+0.000
37	+0.02586	+53,276.06	+25,626.717	+5,379.940	+0.000	+0.000
38	+0.02576	+39,515.64	+25,527.619	+5,379.940	+0.000	+0.000
39	+0.02546	+45,023.65	+25,230.325	+5,379.940	+0.000	+0.000
40	+0.02472	+42,406.85	+24,497.001	+0.000	+0.000	+0.000
41	+0.02447	+39,136.83	+24,249.256	+0.000	+0.000	+0.000
42	+0.02344	+26,402.19	+23,228.547	+0.000	+0.000	+0.000

43	+0.02262	+29,902.61	+22,415.945	+ .000	+ .000	+ .000
44	+0.02146	+5,757.23	+21,266.409	+ .000	+ .000	+ .000
45	+0.02059	+2,307.44	+20,404.257	+12,187.580	+ .000	+ .000
46	+0.01956	+6,758.06	+19,383.549	+12,187.580	+ .000	+ .000
47	+0.01817	+30,339.49	+18,006.088	+5,018.000	+ .000	+ .000
48	+0.01726	+47,142.66	+17,104.297	+5,018.000	+ .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	+2,153.836	+0.000	+14,396.521	+0.000	+0.000
02	+0.000	+2,160.000	+0.000	+14,437.725	+0.000	+0.000
03	+0.000	+2,137.808	+0.000	+14,289.392	+0.000	+0.000
04	+0.000	+2,115.616	+0.000	+14,141.059	+0.000	+0.000
05	+0.000	+2,093.425	+0.000	+13,992.726	+0.000	+0.000
06	+0.000	+2,065.068	+0.000	+13,803.190	+0.000	+0.000
07	+0.000	+2,053.973	+0.000	+13,729.024	+0.000	+0.000
08	+0.000	+2,031.781	+0.000	+13,580.691	+0.000	+0.000
09	+0.000	+2,004.658	+0.000	+13,399.395	+0.000	+0.000
10	+0.000	+1,981.233	+0.000	+13,242.822	+0.000	+0.000
11	+0.000	+2,014.521	+0.000	+13,465.321	+0.000	+0.000
12	+0.000	+2,036.712	+0.000	+13,613.654	+0.000	+0.000
13	+0.000	+2,084.795	+0.000	+13,935.041	+0.000	+0.000
14	+0.000	+2,164.932	+0.000	+14,470.687	+0.000	+0.000
15	+0.000	+2,254.932	+0.000	+15,072.259	+0.000	+0.000
16	+0.000	+2,295.616	+0.000	+15,344.203	+0.000	+0.000
17	+0.000	+2,362.192	+0.000	+15,789.201	+0.000	+0.000
18	+0.000	+2,455.890	+0.000	+16,415.495	+0.000	+0.000
19	+0.000	+2,532.329	+0.000	+16,926.419	+0.000	+0.000
20	+0.000	+2,608.767	+0.000	+17,437.343	+0.000	+0.000
21	+0.000	+2,658.082	+0.000	+17,766.972	+0.000	+0.000
22	+0.000	+2,690.137	+0.000	+17,981.230	+0.000	+0.000
23	+0.000	+2,725.890	+0.000	+18,220.211	+0.000	+0.000
24	+0.000	+2,755.479	+0.000	+18,417.988	+0.000	+0.000
25	+0.000	+2,794.932	+0.000	+18,681.690	+0.000	+0.000
26	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
27	+0.000	+2,802.329	+0.000	+18,731.135	+0.000	+0.000
28	+0.000	+2,814.658	+0.000	+18,813.542	+0.000	+0.000
29	+0.000	+2,843.014	+0.000	+19,003.078	+0.000	+0.000
30	+0.000	+2,856.575	+0.000	+19,093.726	+0.000	+0.000
31	+0.000	+2,916.986	+0.000	+19,497.521	+0.000	+0.000
32	+0.000	+2,968.767	+0.000	+19,843.631	+0.000	+0.000
33	+0.000	+3,077.260	+0.000	+20,568.813	+0.000	+0.000
34	+0.000	+3,219.041	+0.000	+21,516.495	+0.000	+0.000
35	+0.000	+3,283.151	+0.000	+21,945.012	+0.000	+0.000
36	+0.000	+3,251.096	+0.000	+21,730.753	+0.000	+0.000
37	+0.000	+3,188.219	+0.000	+21,310.477	+0.000	+0.000
38	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
39	+0.000	+3,138.904	+0.000	+20,980.849	+0.000	+0.000
40	+0.000	+3,047.671	+0.000	+20,371.036	+0.000	+0.000
41	+0.000	+3,016.849	+0.000	+20,165.018	+0.000	+0.000
42	+0.000	+2,889.863	+0.000	+19,316.225	+0.000	+0.000

43	+.000	+2,788.767	+.000	+18,640.487	+.000	+.000
44	+.000	+2,645.753	+.000	+17,684.565	+.000	+.000
45	+.000	+2,538.493	+.000	+16,967.623	+.000	+.000
46	+.000	+2,411.507	+.000	+16,118.830	+.000	+.000
47	+.000	+2,240.137	+.000	+14,973.371	+.000	+.000
48	+.000	+2,127.945	+.000	+14,223.466	+.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	+72.123	+1,397.600	-1,427.471	+0.000	+0.000	+76,190.922
02	+72.330	+1,401.600	-1,431.556	+0.000	+0.000	+82,387.730
03	+71.587	+1,387.200	-1,416.848	+0.000	+0.000	+83,272.784
04	+70.844	+1,372.800	-1,402.141	+0.000	+0.000	+76,988.348
05	+70.101	+1,358.400	-1,387.433	+0.000	+0.000	+74,328.232
06	+69.151	+1,340.000	-1,368.640	+0.000	+0.000	+67,024.558
07	+68.779	+1,332.800	-1,361.286	+0.000	+0.000	+68,337.230
08	+68.036	+1,318.400	-1,346.578	+0.000	+0.000	+71,852.834
09	+67.128	+1,300.800	-1,328.602	+0.000	+0.000	+70,608.677
10	+66.344	+1,285.600	-1,313.077	+0.000	+0.000	+69,256.054
11	+67.458	+1,307.200	-1,335.139	+0.000	+0.000	+70,322.298
12	+68.201	+1,321.600	-1,349.846	+0.000	+0.000	+68,691.784
13	+69.812	+1,352.800	-1,381.713	+0.000	+0.000	+68,187.939
14	+72.495	+1,404.800	-1,434.825	+0.000	+0.000	+60,762.650
15	+75.509	+1,463.200	-1,494.473	+0.000	+0.000	+47,502.003
16	+76.871	+1,489.600	-1,521.437	+0.000	+0.000	+46,844.612
17	+79.101	+1,532.800	-1,565.560	+0.000	+0.000	+38,641.190
18	+82.238	+1,593.600	-1,627.660	+0.000	+0.000	+61,140.245
19	+84.798	+1,643.200	-1,678.320	+0.000	+0.000	+51,802.024
20	+87.357	+1,692.800	-1,728.980	+0.000	+0.000	+66,402.423
21	+89.009	+1,724.800	-1,761.664	+0.000	+0.000	+66,162.706
22	+90.082	+1,745.600	-1,782.908	+0.000	+0.000	+65,153.112
23	+91.279	+1,768.800	-1,806.604	+0.000	+0.000	+67,910.682
24	+92.270	+1,788.000	-1,826.215	+0.000	+0.000	+62,351.683
25	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+68,460.715
26	+94.293	+1,827.200	-1,866.253	+0.000	+0.000	+72,290.784
27	+93.839	+1,818.400	-1,857.264	+0.000	+0.000	+73,468.680
28	+94.252	+1,826.400	-1,865.435	+0.000	+0.000	+67,864.196
29	+95.201	+1,844.800	-1,884.229	+0.000	+0.000	+63,695.530
30	+95.655	+1,853.600	-1,893.217	+0.000	+0.000	+59,532.563
31	+97.678	+1,892.800	-1,933.255	+0.000	+0.000	+65,163.724
32	+99.412	+1,926.400	-1,967.573	+0.000	+0.000	+80,706.021
33	+103.045	+1,996.800	-2,039.477	+0.000	+0.000	+102,411.667
34	+107.793	+2,088.800	-2,133.444	+0.000	+0.000	+117,662.807
35	+109.940	+2,130.400	-2,175.933	+0.000	+0.000	+133,638.350
36	+108.866	+2,109.600	-2,154.688	+0.000	+0.000	+122,140.083
37	+106.761	+2,068.800	-2,113.016	+0.000	+0.000	+108,843.958
38	+106.348	+2,060.800	-2,104.845	+0.000	+0.000	+94,889.462
39	+105.110	+2,036.800	-2,080.332	+0.000	+0.000	+99,815.245
40	+102.055	+1,977.600	-2,019.867	+0.000	+0.000	+90,382.345
41	+101.022	+1,957.600	-1,999.440	+0.000	+0.000	+86,627.136
42	+96.770	+1,875.200	-1,915.278	+0.000	+0.000	+71,893.517



43	+93.385	+1,809.600	-1,848.276	+.000	+.000	+73,802.517
44	+88.596	+1,716.800	-1,753.493	+.000	+.000	+47,405.860
45	+85.004	+1,647.200	-1,682.405	+.000	+.000	+54,455.192
46	+80.752	+1,564.800	-1,598.244	+.000	+.000	+56,906.833
47	+75.013	+1,453.600	-1,484.668	+.000	+.000	+70,621.032
48	+71.257	+1,380.800	-1,410.312	+.000	+.000	+85,658.114