

Date: 27/11/2019

Settlement Day:19/11/2019

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: 233

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+726,674.760	+385,628,960.240
Balancing Services Contract Cost	+725,703.255	+171,640,539.117
Balancing Services Cost Variable	+326,877.080	+100,601,290.235
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	+28,724,013.646
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+192,008,552.320
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+961,921.860
ESO Incentive Recovery t-1	+80,000.000	+2,160,000.000
ALoMCP Recovery	-81,709.830	-2,206,165.410
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+192,008,552.320
Total External Costs	+1,904,961.356	+695,092,527.538
Total Adjusted Energy Volume (MWh)	+1,715,397.755	

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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	+27,726.331	+64,553.036	+2.32822
02	+27,778.975	+61,371.690	+2.20929
03	+27,580.691	+38,888.157	+1.40998
04	+27,235.558	+28,956.601	+1.06319
05	+27,416.788	+41,089.349	+1.49869
06	+27,438.776	+36,811.199	+1.34158
07	+26,939.617	+29,107.515	+1.08047
08	+26,774.349	+30,775.391	+1.14944
09	+26,585.621	+32,683.929	+1.22938
10	+26,867.657	+47,120.816	+1.75381
11	+27,334.436	+42,265.095	+1.54622
12	+28,824.280	+49,471.333	+1.71631
13	+32,241.445	+75,125.064	+2.33008
14	+35,149.631	+85,311.287	+2.42709
15	+38,446.293	+59,484.769	+1.54722
16	+39,661.616	+64,817.620	+1.63427
17	+40,135.134	+67,219.605	+1.67483
18	+40,150.738	+68,816.100	+1.71394
19	+40,269.622	+65,574.133	+1.62838
20	+40,456.523	+64,151.152	+1.58568
21	+40,260.864	+70,707.729	+1.75624
22	+40,033.892	+57,862.986	+1.44535
23	+39,841.414	+66,779.313	+1.67613
24	+39,809.539	+64,079.294	+1.60965
25	+40,082.815	+57,516.241	+1.43494
26	+40,137.456	+52,646.955	+1.31167
27	+40,273.980	+46,450.853	+1.15337
28	+40,102.089	+39,086.065	+0.97466
29	+40,213.706	+48,263.744	+1.20018
30	+40,295.878	+48,807.878	+1.21124
31	+40,416.091	+68,989.822	+1.70699
32	+41,304.674	+63,681.642	+1.54175
33	+42,140.382	+51,327.717	+1.21802
34	+41,886.392	+35,664.295	+0.85145
35	+41,969.643	+75,779.839	+1.80559
36	+41,645.175	+87,854.158	+2.10959
37	+41,808.129	+64,134.961	+1.53403
38	+42,057.749	+71,313.923	+1.69562
39	+41,815.797	+74,715.106	+1.78677
40	+40,836.550	+76,477.432	+1.87277
41	+39,723.822	+71,339.880	+1.79590
42	+38,183.857	+62,788.897	+1.64438

43	+36,437.783	+55,978.927	+1.53629
44	+34,154.326	+43,972.768	+1.28747
45	+31,625.204	+44,509.351	+1.40740
46	+29,520.919	+42,505.750	+1.43985
47	+27,605.642	+66,590.212	+2.41220
48	+26,199.906	+65,663.078	+2.50623

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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	+0.01616	+34,481.27	+11,727.365	+2,996.000	+0.000	+0.000
02	+0.01619	+31,249.66	+11,749.136	+2,996.000	+0.000	+0.000
03	+0.01608	+11,836.43	+11,669.308	+110.000	+0.000	+0.000
04	+0.01588	+2,239.97	+11,524.168	+110.000	+0.000	+0.000
05	+0.01598	+14,205.17	+11,596.738	+110.000	+0.000	+0.000
06	+0.01600	+9,893.51	+11,611.252	+110.000	+0.000	+0.000
07	+0.01570	-2,155.53	+11,393.541	+4,958.000	+0.000	+0.000
08	+0.01561	-336.86	+11,328.228	+4,958.000	+0.000	+0.000
09	+0.01550	+231.28	+11,248.400	+6,482.700	+0.000	+0.000
10	+0.01566	+14,400.09	+11,364.513	+6,482.700	+0.000	+0.000
11	+0.01593	+8,279.29	+11,560.453	+7,295.400	+0.000	+0.000
12	+0.01680	+14,137.86	+12,191.815	+7,185.400	+0.000	+0.000
13	+0.01880	+38,383.79	+13,643.221	+5,242.240	+0.000	+0.000
14	+0.02049	+45,738.45	+14,869.660	+5,242.240	+0.000	+0.000
15	+0.02241	+16,695.01	+16,263.010	+5,242.240	+0.000	+0.000
16	+0.02312	+20,838.27	+16,778.259	+5,242.240	+0.000	+0.000
17	+0.02340	+22,771.12	+16,981.456	+5,242.240	+0.000	+0.000
18	+0.02341	+24,350.86	+16,988.713	+5,242.240	+0.000	+0.000
19	+0.02348	+20,991.61	+17,039.512	+5,242.240	+0.000	+0.000
20	+0.02358	+19,401.08	+17,112.083	+5,242.240	+0.000	+0.000
21	+0.02347	+26,141.96	+17,032.255	+5,242.240	+0.000	+0.000
22	+0.02334	+13,515.03	+16,937.914	+5,242.240	+0.000	+0.000
23	+0.02323	+22,615.66	+16,858.087	+5,242.240	+0.000	+0.000
24	+0.02321	+19,949.15	+16,843.573	+5,242.240	+0.000	+0.000
25	+0.02337	+13,118.02	+16,959.685	+5,242.240	+0.000	+0.000
26	+0.02340	+8,198.47	+16,981.456	+5,242.240	+0.000	+0.000
27	+0.02348	+7,110.57	+17,039.512	+0.000	+0.000	+0.000
28	+0.02338	-86.67	+16,966.942	+0.000	+0.000	+0.000
29	+0.02344	-2,959.40	+17,010.484	+11,949.880	+0.000	+0.000
30	+0.02349	-2,499.04	+17,046.769	+11,949.880	+0.000	+0.000
31	+0.02356	+2,030.75	+17,097.569	+27,484.750	+0.000	+0.000
32	+0.02408	-4,148.68	+17,474.934	+27,484.750	+0.000	+0.000
33	+0.02457	+4,918.92	+17,830.529	+5,242.240	+0.000	+0.000
34	+0.02442	-10,493.18	+17,721.673	+5,242.240	+0.000	+0.000
35	+0.02447	-3,085.11	+17,757.959	+37,865.940	+0.000	+0.000
36	+0.02428	+9,307.55	+17,620.075	+37,865.940	+0.000	+0.000
37	+0.02437	+9,841.16	+17,685.388	+13,462.340	+0.000	+0.000
38	+0.02452	+16,768.80	+17,794.244	+13,462.340	+0.000	+0.000
39	+0.02438	+28,624.65	+17,692.645	+5,242.240	+0.000	+0.000
40	+0.02381	+31,342.00	+17,278.995	+5,242.240	+0.000	+0.000
41	+0.02316	+27,293.51	+16,807.287	+5,242.240	+0.000	+0.000
42	+0.02226	+25,492.70	+16,154.154	+0.000	+0.000	+0.000

43	+0.02124	+20,391.72	+15,413.937	+ .000	+ .000	+ .000
44	+0.01991	+10,613.95	+14,448.752	+ .000	+ .000	+ .000
45	+0.01844	+13,613.49	+13,381.968	+ .000	+ .000	+ .000
46	+0.01721	+13,670.73	+12,489.353	+ .000	+ .000	+ .000
47	+0.01609	+38,654.48	+11,676.565	+977.250	+ .000	+ .000
48	+0.01527	+39,101.24	+11,081.489	+977.250	+ .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	+1,992.329	+0.000	+13,316.988	+0.000	+0.000
02	+0.000	+1,996.027	+0.000	+13,341.710	+0.000	+0.000
03	+0.000	+1,982.466	+0.000	+13,251.062	+0.000	+0.000
04	+0.000	+1,957.808	+0.000	+13,086.248	+0.000	+0.000
05	+0.000	+1,970.137	+0.000	+13,168.655	+0.000	+0.000
06	+0.000	+1,972.603	+0.000	+13,185.137	+0.000	+0.000
07	+0.000	+1,935.616	+0.000	+12,937.915	+0.000	+0.000
08	+0.000	+1,924.521	+0.000	+12,863.749	+0.000	+0.000
09	+0.000	+1,910.959	+0.000	+12,773.101	+0.000	+0.000
10	+0.000	+1,930.685	+0.000	+12,904.952	+0.000	+0.000
11	+0.000	+1,963.973	+0.000	+13,127.452	+0.000	+0.000
12	+0.000	+2,071.233	+0.000	+13,844.393	+0.000	+0.000
13	+0.000	+2,317.808	+0.000	+15,492.536	+0.000	+0.000
14	+0.000	+2,526.164	+0.000	+16,885.216	+0.000	+0.000
15	+0.000	+2,762.877	+0.000	+18,467.432	+0.000	+0.000
16	+0.000	+2,850.411	+0.000	+19,052.522	+0.000	+0.000
17	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
18	+0.000	+2,886.164	+0.000	+19,291.503	+0.000	+0.000
19	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
20	+0.000	+2,907.123	+0.000	+19,431.595	+0.000	+0.000
21	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
22	+0.000	+2,877.534	+0.000	+19,233.818	+0.000	+0.000
23	+0.000	+2,863.973	+0.000	+19,143.170	+0.000	+0.000
24	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
25	+0.000	+2,881.233	+0.000	+19,258.540	+0.000	+0.000
26	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
27	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
28	+0.000	+2,882.466	+0.000	+19,266.781	+0.000	+0.000
29	+0.000	+2,889.863	+0.000	+19,316.225	+0.000	+0.000
30	+0.000	+2,896.027	+0.000	+19,357.429	+0.000	+0.000
31	+0.000	+2,904.658	+0.000	+19,415.114	+0.000	+0.000
32	+0.000	+2,968.767	+0.000	+19,843.631	+0.000	+0.000
33	+0.000	+3,029.178	+0.000	+20,247.425	+0.000	+0.000
34	+0.000	+3,010.685	+0.000	+20,123.815	+0.000	+0.000
35	+0.000	+3,016.849	+0.000	+20,165.018	+0.000	+0.000
36	+0.000	+2,993.425	+0.000	+20,008.445	+0.000	+0.000
37	+0.000	+3,004.521	+0.000	+20,082.611	+0.000	+0.000
38	+0.000	+3,023.014	+0.000	+20,206.222	+0.000	+0.000
39	+0.000	+3,005.753	+0.000	+20,090.852	+0.000	+0.000
40	+0.000	+2,935.479	+0.000	+19,621.131	+0.000	+0.000
41	+0.000	+2,855.342	+0.000	+19,085.485	+0.000	+0.000
42	+0.000	+2,744.384	+0.000	+18,343.821	+0.000	+0.000

43	+.000	+2,618.630	+.000	+17,503.269	+.000	+.000
44	+.000	+2,454.658	+.000	+16,407.254	+.000	+.000
45	+.000	+2,273.425	+.000	+15,195.870	+.000	+.000
46	+.000	+2,121.781	+.000	+14,182.263	+.000	+.000
47	+.000	+1,983.699	+.000	+13,259.303	+.000	+.000
48	+.000	+1,882.603	+.000	+12,583.565	+.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	+66.715	+1,292.800	-1,320.431	+0.000	+0.000	+64,553.036
02	+66.839	+1,295.200	-1,322.882	+0.000	+0.000	+61,371.690
03	+66.385	+1,286.400	-1,313.894	+0.000	+0.000	+38,888.157
04	+65.559	+1,270.400	-1,297.552	+0.000	+0.000	+28,956.601
05	+65.972	+1,278.400	-1,305.723	+0.000	+0.000	+41,089.349
06	+66.055	+1,280.000	-1,307.357	+0.000	+0.000	+36,811.199
07	+64.816	+1,256.000	-1,282.844	+0.000	+0.000	+29,107.515
08	+64.445	+1,248.800	-1,275.490	+0.000	+0.000	+30,775.391
09	+63.991	+1,240.000	-1,266.502	+0.000	+0.000	+32,683.929
10	+64.651	+1,252.800	-1,279.576	+0.000	+0.000	+47,120.816
11	+65.766	+1,274.400	-1,301.638	+0.000	+0.000	+42,265.095
12	+69.357	+1,344.000	-1,372.725	+0.000	+0.000	+49,471.333
13	+77.614	+1,504.000	-1,536.145	+0.000	+0.000	+75,125.064
14	+84.591	+1,639.200	-1,674.234	+0.000	+0.000	+85,311.287
15	+92.518	+1,792.800	-1,831.117	+0.000	+0.000	+59,484.769
16	+95.449	+1,849.600	-1,889.131	+0.000	+0.000	+64,817.620
17	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+67,219.605
18	+96.646	+1,872.800	-1,912.827	+0.000	+0.000	+68,816.100
19	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+65,574.133
20	+97.348	+1,886.400	-1,926.718	+0.000	+0.000	+64,151.152
21	+96.894	+1,877.600	-1,917.730	+0.000	+0.000	+70,707.729
22	+96.357	+1,867.200	-1,907.107	+0.000	+0.000	+57,862.986
23	+95.903	+1,858.400	-1,898.119	+0.000	+0.000	+66,779.313
24	+95.821	+1,856.800	-1,896.485	+0.000	+0.000	+64,079.294
25	+96.481	+1,869.600	-1,909.559	+0.000	+0.000	+57,516.241
26	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+52,646.955
27	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+46,450.853
28	+96.522	+1,870.400	-1,910.376	+0.000	+0.000	+39,086.065
29	+96.770	+1,875.200	-1,915.278	+0.000	+0.000	+48,263.744
30	+96.977	+1,879.200	-1,919.364	+0.000	+0.000	+48,807.878
31	+97.266	+1,884.800	-1,925.084	+0.000	+0.000	+68,989.822
32	+99.412	+1,926.400	-1,967.573	+0.000	+0.000	+63,681.642
33	+101.435	+1,965.600	-2,007.611	+0.000	+0.000	+51,327.717
34	+100.816	+1,953.600	-1,995.354	+0.000	+0.000	+35,664.295
35	+101.022	+1,957.600	-1,999.440	+0.000	+0.000	+75,779.839
36	+100.238	+1,942.400	-1,983.915	+0.000	+0.000	+87,854.158
37	+100.610	+1,949.600	-1,991.269	+0.000	+0.000	+64,134.961
38	+101.229	+1,961.600	-2,003.525	+0.000	+0.000	+71,313.923
39	+100.651	+1,950.400	-1,992.086	+0.000	+0.000	+74,715.106
40	+98.298	+1,904.800	-1,945.511	+0.000	+0.000	+76,477.432
41	+95.614	+1,852.800	-1,892.400	+0.000	+0.000	+71,339.880
42	+91.899	+1,780.800	-1,818.861	+0.000	+0.000	+62,788.897

43	+87.688	+1,699.200	-1,735.517	+.000	+.000	+55,978.927
44	+82.197	+1,592.800	-1,626.843	+.000	+.000	+43,972.768
45	+76.128	+1,475.200	-1,506.729	+.000	+.000	+44,509.351
46	+71.050	+1,376.800	-1,406.226	+.000	+.000	+42,505.750
47	+66.426	+1,287.200	-1,314.711	+.000	+.000	+66,590.212
48	+63.041	+1,221.600	-1,247.709	+.000	+.000	+65,663.078