

Date: 02/12/2019

Settlement Day:23/11/2019

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: 237

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,292,725.250	+391,194,482.210
Balancing Services Contract Cost	+917,684.039	+173,385,747.264
Balancing Services Cost Variable	+366,097.440	+105,396,901.015
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	+29,217,164.330
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+195,304,836.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+978,435.540
ESO Incentive Recovery t-1	+80,000.000	+2,480,000.000
ALoMCP Recovery	-81,709.830	-2,533,004.730
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+195,304,836.480
Total External Costs	+2,702,212.990	+707,701,693.479
Total Adjusted Energy Volume (MWh)	+1,380,126.140	

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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	+23,295.231	+106,741.537	+4.58212
02	+23,265.026	+92,272.788	+3.96616
03	+23,057.177	+98,182.479	+4.25822
04	+22,637.048	+92,475.836	+4.08515
05	+23,020.658	+99,641.345	+4.32834
06	+22,899.236	+97,401.934	+4.25350
07	+22,486.848	+93,175.155	+4.14354
08	+22,172.590	+85,897.994	+3.87406
09	+22,151.531	+81,075.645	+3.66005
10	+21,993.857	+77,059.414	+3.50368
11	+22,020.132	+82,691.543	+3.75527
12	+22,312.128	+90,415.120	+4.05229
13	+23,114.065	+111,409.237	+4.81998
14	+23,747.955	+116,556.010	+4.90804
15	+24,785.335	+98,520.736	+3.97496
16	+25,918.471	+96,702.714	+3.73103
17	+27,388.397	+93,203.913	+3.40304
18	+28,950.778	+90,349.619	+3.12080
19	+30,292.955	+73,735.326	+2.43408
20	+31,068.142	+57,646.525	+1.85549
21	+31,702.467	+72,289.547	+2.28025
22	+31,906.296	+67,245.986	+2.10761
23	+32,169.953	+61,173.044	+1.90156
24	+32,559.656	+59,465.053	+1.82634
25	+32,613.730	+60,321.731	+1.84958
26	+32,676.946	+65,416.885	+2.00193
27	+32,408.460	+66,899.272	+2.06425
28	+32,259.501	+56,758.392	+1.75943
29	+32,395.038	+62,725.208	+1.93626
30	+32,245.420	+40,220.617	+1.24733
31	+32,449.227	+32,199.216	+0.99230
32	+33,312.440	+51,610.627	+1.54929
33	+34,319.903	+76,912.544	+2.24105
34	+34,855.389	+74,874.873	+2.14816
35	+35,557.175	+73,108.074	+2.05607
36	+35,537.930	+56,604.880	+1.59280
37	+35,400.989	+53,570.653	+1.51325
38	+34,971.903	+57,623.760	+1.64772
39	+33,972.636	+57,660.788	+1.69727
40	+32,784.986	+62,354.231	+1.90191
41	+31,863.301	+65,044.572	+2.04136
42	+31,000.422	+46,060.222	+1.48579

43	+30,289.226	+57,432.976	+1.89615
44	+29,079.795	+50,857.010	+1.74888
45	+28,056.709	+56,107.889	+1.99980
46	+26,956.944	+45,198.170	+1.67668
47	+25,527.635	+79,139.085	+3.10013
48	+24,674.503	+82,309.879	+3.33583

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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	+0.01688	+64,894.64	+15,490.507	+10,324.150	+0.000	+0.000
02	+0.01686	+50,463.24	+15,472.153	+10,324.150	+0.000	+0.000
03	+0.01671	+55,982.27	+15,334.500	+10,994.930	+0.000	+0.000
04	+0.01640	+50,854.54	+15,050.018	+10,994.930	+0.000	+0.000
05	+0.01668	+56,988.39	+15,306.970	+11,503.700	+0.000	+0.000
06	+0.01659	+54,917.05	+15,224.378	+11,503.700	+0.000	+0.000
07	+0.01629	+50,634.73	+14,949.073	+12,119.480	+0.000	+0.000
08	+0.01607	+43,768.41	+14,747.183	+12,119.480	+0.000	+0.000
09	+0.01605	+36,647.30	+14,728.829	+14,455.590	+0.000	+0.000
10	+0.01594	+32,836.49	+14,627.884	+14,455.590	+0.000	+0.000
11	+0.01596	+39,035.07	+14,646.237	+13,851.790	+0.000	+0.000
12	+0.01617	+46,366.48	+14,838.951	+13,851.790	+0.000	+0.000
13	+0.01675	+57,424.70	+15,371.208	+22,704.560	+0.000	+0.000
14	+0.01721	+61,712.44	+15,793.342	+22,704.560	+0.000	+0.000
15	+0.01796	+59,472.49	+16,481.605	+5,508.640	+0.000	+0.000
16	+0.01878	+56,123.15	+17,234.106	+5,508.640	+0.000	+0.000
17	+0.01984	+50,172.34	+18,206.851	+5,981.140	+0.000	+0.000
18	+0.02098	+45,189.14	+19,253.011	+5,981.140	+0.000	+0.000
19	+0.02195	+27,364.61	+20,143.165	+5,379.940	+0.000	+0.000
20	+0.02251	+10,230.03	+20,657.068	+5,379.940	+0.000	+0.000
21	+0.02297	+24,014.02	+21,079.202	+5,379.940	+0.000	+0.000
22	+0.02312	+18,690.34	+21,216.855	+5,379.940	+0.000	+0.000
23	+0.02331	+12,262.58	+21,391.215	+5,379.940	+0.000	+0.000
24	+0.02359	+10,031.70	+21,648.166	+5,379.940	+0.000	+0.000
25	+0.02363	+10,813.68	+21,684.874	+5,379.940	+0.000	+0.000
26	+0.02368	+15,815.46	+21,730.758	+5,379.940	+0.000	+0.000
27	+0.02348	+23,051.28	+21,547.221	+0.000	+0.000	+0.000
28	+0.02337	+13,115.82	+21,446.276	+0.000	+0.000	+0.000
29	+0.02347	+18,895.89	+21,538.044	+0.000	+0.000	+0.000
30	+0.02336	-3,403.28	+21,437.099	+0.000	+0.000	+0.000
31	+0.02351	-11,704.80	+21,574.752	+0.000	+0.000	+0.000
32	+0.02414	+6,530.11	+22,152.893	+0.000	+0.000	+0.000
33	+0.02487	+25,088.84	+22,822.802	+5,379.940	+0.000	+0.000
34	+0.02526	+22,322.86	+23,180.699	+5,379.940	+0.000	+0.000
35	+0.02576	+19,622.33	+23,639.541	+5,379.940	+0.000	+0.000
36	+0.02575	+3,137.81	+23,630.364	+5,379.940	+0.000	+0.000
37	+0.02565	+290.33	+23,538.596	+5,379.940	+0.000	+0.000
38	+0.02534	+4,922.35	+23,254.114	+5,379.940	+0.000	+0.000
39	+0.02462	+6,303.95	+22,593.381	+5,379.940	+0.000	+0.000
40	+0.02376	+12,603.41	+21,804.173	+5,379.940	+0.000	+0.000
41	+0.02309	+16,544.95	+21,189.324	+5,379.940	+0.000	+0.000
42	+0.02246	+4,117.04	+20,611.184	+0.000	+0.000	+0.000

43	+0.02195	+16,442.20	+20,143.165	+ .000	+ .000	+ .000
44	+0.02107	+11,509.60	+19,335.603	+ .000	+ .000	+ .000
45	+0.02033	+17,641.90	+18,656.517	+500.500	+ .000	+ .000
46	+0.01953	+8,226.15	+17,922.369	+500.500	+ .000	+ .000
47	+0.01850	+15,216.30	+16,977.155	+29,374.750	+ .000	+ .000
48	+0.01788	+19,544.92	+16,408.191	+29,374.750	+ .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	+2,081.096	+0.000	+13,910.319	+0.000	+0.000
02	+0.000	+2,078.630	+0.000	+13,893.838	+0.000	+0.000
03	+0.000	+2,060.137	+0.000	+13,770.227	+0.000	+0.000
04	+0.000	+2,021.918	+0.000	+13,514.765	+0.000	+0.000
05	+0.000	+2,056.438	+0.000	+13,745.505	+0.000	+0.000
06	+0.000	+2,045.342	+0.000	+13,671.339	+0.000	+0.000
07	+0.000	+2,008.356	+0.000	+13,424.117	+0.000	+0.000
08	+0.000	+1,981.233	+0.000	+13,242.822	+0.000	+0.000
09	+0.000	+1,978.767	+0.000	+13,226.340	+0.000	+0.000
10	+0.000	+1,965.205	+0.000	+13,135.692	+0.000	+0.000
11	+0.000	+1,967.671	+0.000	+13,152.174	+0.000	+0.000
12	+0.000	+1,993.562	+0.000	+13,325.229	+0.000	+0.000
13	+0.000	+2,065.068	+0.000	+13,803.190	+0.000	+0.000
14	+0.000	+2,121.781	+0.000	+14,182.263	+0.000	+0.000
15	+0.000	+2,214.247	+0.000	+14,800.316	+0.000	+0.000
16	+0.000	+2,315.342	+0.000	+15,476.054	+0.000	+0.000
17	+0.000	+2,446.027	+0.000	+16,349.569	+0.000	+0.000
18	+0.000	+2,586.575	+0.000	+17,289.010	+0.000	+0.000
19	+0.000	+2,706.164	+0.000	+18,088.359	+0.000	+0.000
20	+0.000	+2,775.205	+0.000	+18,549.839	+0.000	+0.000
21	+0.000	+2,831.918	+0.000	+18,928.912	+0.000	+0.000
22	+0.000	+2,850.411	+0.000	+19,052.522	+0.000	+0.000
23	+0.000	+2,873.836	+0.000	+19,209.096	+0.000	+0.000
24	+0.000	+2,908.356	+0.000	+19,439.836	+0.000	+0.000
25	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000
26	+0.000	+2,919.452	+0.000	+19,514.002	+0.000	+0.000
27	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
28	+0.000	+2,881.233	+0.000	+19,258.540	+0.000	+0.000
29	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
30	+0.000	+2,880.000	+0.000	+19,250.299	+0.000	+0.000
31	+0.000	+2,898.493	+0.000	+19,373.910	+0.000	+0.000
32	+0.000	+2,976.164	+0.000	+19,893.075	+0.000	+0.000
33	+0.000	+3,066.164	+0.000	+20,494.647	+0.000	+0.000
34	+0.000	+3,114.247	+0.000	+20,816.034	+0.000	+0.000
35	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
36	+0.000	+3,174.658	+0.000	+21,219.829	+0.000	+0.000
37	+0.000	+3,162.329	+0.000	+21,137.422	+0.000	+0.000
38	+0.000	+3,124.110	+0.000	+20,881.960	+0.000	+0.000
39	+0.000	+3,035.342	+0.000	+20,288.629	+0.000	+0.000
40	+0.000	+2,929.315	+0.000	+19,579.928	+0.000	+0.000
41	+0.000	+2,846.712	+0.000	+19,027.800	+0.000	+0.000
42	+0.000	+2,769.041	+0.000	+18,508.636	+0.000	+0.000

43	+.000	+2,706.164	+.000	+18,088.359	+.000	+.000
44	+.000	+2,597.671	+.000	+17,363.177	+.000	+.000
45	+.000	+2,506.438	+.000	+16,753.364	+.000	+.000
46	+.000	+2,407.808	+.000	+16,094.107	+.000	+.000
47	+.000	+2,280.822	+.000	+15,245.314	+.000	+.000
48	+.000	+2,204.384	+.000	+14,734.390	+.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 BSUsOs charges(f)
01	+69.688	+1,350.400	-1,379.262	+0.000	+0.000	+106,741.537
02	+69.605	+1,348.800	-1,377.628	+0.000	+0.000	+92,272.788
03	+68.986	+1,336.800	-1,365.371	+0.000	+0.000	+98,182.479
04	+67.706	+1,312.000	-1,340.041	+0.000	+0.000	+92,475.836
05	+68.862	+1,334.400	-1,362.920	+0.000	+0.000	+99,641.345
06	+68.490	+1,327.200	-1,355.566	+0.000	+0.000	+97,401.934
07	+67.252	+1,303.200	-1,331.053	+0.000	+0.000	+93,175.155
08	+66.344	+1,285.600	-1,313.077	+0.000	+0.000	+85,897.994
09	+66.261	+1,284.000	-1,311.443	+0.000	+0.000	+81,075.645
10	+65.807	+1,275.200	-1,302.455	+0.000	+0.000	+77,059.414
11	+65.890	+1,276.800	-1,304.089	+0.000	+0.000	+82,691.543
12	+66.757	+1,293.600	-1,321.248	+0.000	+0.000	+90,415.120
13	+69.151	+1,340.000	-1,368.640	+0.000	+0.000	+111,409.237
14	+71.050	+1,376.800	-1,406.226	+0.000	+0.000	+116,556.010
15	+74.146	+1,436.800	-1,467.509	+0.000	+0.000	+98,520.736
16	+77.532	+1,502.400	-1,534.511	+0.000	+0.000	+96,702.714
17	+81.908	+1,587.200	-1,621.123	+0.000	+0.000	+93,203.913
18	+86.614	+1,678.400	-1,714.272	+0.000	+0.000	+90,349.619
19	+90.619	+1,756.000	-1,793.531	+0.000	+0.000	+73,735.326
20	+92.931	+1,800.800	-1,839.288	+0.000	+0.000	+57,646.525
21	+94.830	+1,837.600	-1,876.875	+0.000	+0.000	+72,289.547
22	+95.449	+1,849.600	-1,889.131	+0.000	+0.000	+67,245.986
23	+96.233	+1,864.800	-1,904.656	+0.000	+0.000	+61,173.044
24	+97.389	+1,887.200	-1,927.535	+0.000	+0.000	+59,465.053
25	+97.555	+1,890.400	-1,930.803	+0.000	+0.000	+60,321.731
26	+97.761	+1,894.400	-1,934.889	+0.000	+0.000	+65,416.885
27	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+66,899.272
28	+96.481	+1,869.600	-1,909.559	+0.000	+0.000	+56,758.392
29	+96.894	+1,877.600	-1,917.730	+0.000	+0.000	+62,725.208
30	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+40,220.617
31	+97.059	+1,880.800	-1,920.998	+0.000	+0.000	+32,199.216
32	+99.660	+1,931.200	-1,972.475	+0.000	+0.000	+51,610.627
33	+102.674	+1,989.600	-2,032.123	+0.000	+0.000	+76,912.544
34	+104.284	+2,020.800	-2,063.990	+0.000	+0.000	+74,874.873
35	+106.348	+2,060.800	-2,104.845	+0.000	+0.000	+73,108.074
36	+106.307	+2,060.000	-2,104.028	+0.000	+0.000	+56,604.880
37	+105.894	+2,052.000	-2,095.857	+0.000	+0.000	+53,570.653
38	+104.614	+2,027.200	-2,070.527	+0.000	+0.000	+57,623.760
39	+101.642	+1,969.600	-2,011.696	+0.000	+0.000	+57,660.788
40	+98.091	+1,900.800	-1,941.426	+0.000	+0.000	+62,354.231
41	+95.325	+1,847.200	-1,886.680	+0.000	+0.000	+65,044.572
42	+92.724	+1,796.800	-1,835.203	+0.000	+0.000	+46,060.222



43	+90.619	+1,756.000	-1,793.531	+.000	+.000	+57,432.976
44	+86.986	+1,685.600	-1,721.626	+.000	+.000	+50,857.010
45	+83.931	+1,626.400	-1,661.161	+.000	+.000	+56,107.889
46	+80.628	+1,562.400	-1,595.793	+.000	+.000	+45,198.170
47	+76.376	+1,480.000	-1,511.632	+.000	+.000	+79,139.085
48	+73.816	+1,430.400	-1,460.972	+.000	+.000	+82,309.879