

Date: 26/07/2019

Settlement Day:20/04/2019

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: 20

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,095,534.400	+31,261,129.450
Balancing Services Contract Cost	+1,301,988.969	+15,669,468.424
Balancing Services Cost Variable	-390,637.770	+1,629,564.275
ESO Incentive Recovery Costs	+40,983.610	+819,672.200
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+2,465,753.420
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+16,481,420.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+82,568.400
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+16,481,420.800
Total External Costs	+2,175,285.300	+51,928,156.169
Total Adjusted Energy Volume (MWh)	+1,060,220.752	

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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	+21,162.976	+71,894.586	+3.39719
02	+21,065.061	+76,914.474	+3.65128
03	+20,912.979	+74,859.700	+3.57958
04	+20,986.276	+74,454.438	+3.54777
05	+20,747.920	+63,931.397	+3.08134
06	+20,428.214	+57,906.179	+2.83462
07	+20,007.704	+57,109.535	+2.85438
08	+19,831.998	+57,819.651	+2.91547
09	+19,748.558	+55,524.894	+2.81159
10	+19,640.415	+48,831.014	+2.48625
11	+19,469.464	+44,137.360	+2.26700
12	+19,431.338	+38,570.286	+1.98495
13	+20,151.509	+44,767.679	+2.22155
14	+20,905.376	+46,019.605	+2.20133
15	+22,092.517	+48,119.430	+2.17809
16	+22,643.155	+47,052.069	+2.07798
17	+23,153.697	+52,613.360	+2.27235
18	+23,239.923	+57,402.487	+2.46999
19	+23,243.974	+67,863.447	+2.91961
20	+23,043.940	+71,681.384	+3.11064
21	+22,627.424	+75,709.730	+3.34593
22	+22,075.065	+62,929.111	+2.85069
23	+21,706.827	+67,200.460	+3.09582
24	+21,247.759	+62,875.943	+2.95918
25	+20,883.176	+61,464.376	+2.94325
26	+20,429.120	+54,249.179	+2.65548
27	+19,939.840	+46,397.577	+2.32688
28	+19,483.936	+45,283.539	+2.32415
29	+19,360.214	+42,460.494	+2.19318
30	+19,402.292	+38,440.883	+1.98125
31	+19,864.686	+45,520.515	+2.29153
32	+20,596.391	+55,704.952	+2.70460
33	+21,197.882	+47,729.860	+2.25163
34	+22,195.326	+56,619.182	+2.55095
35	+23,488.058	+68,367.043	+2.91071
36	+24,218.061	+86,261.950	+3.56189
37	+24,945.286	+87,608.047	+3.51201
38	+25,581.862	+88,223.823	+3.44869
39	+25,763.976	+83,287.371	+3.23271
40	+25,817.359	+84,896.414	+3.28835
41	+26,206.564	+82,138.014	+3.13425
42	+26,554.870	+86,954.586	+3.27453

43	+26,242.321	+82,978.208	+3.16200
44	+25,771.607	+74,623.756	+2.89558
45	+24,912.538	+61,128.393	+2.45372
46	+23,873.495	+46,329.093	+1.94061
47	+22,579.000	+70,025.042	+3.10133
48	+21,348.823	+76,544.659	+3.58543

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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	+0.01996	+36,479.47	+25,987.700	-10,382.300	+818.033	+0.000
02	+0.01987	+41,705.86	+25,870.521	-10,382.300	+814.344	+0.000
03	+0.01973	+39,972.31	+25,688.242	-10,382.300	+808.607	+0.000
04	+0.01979	+39,429.38	+25,766.362	-10,382.300	+811.066	+0.000
05	+0.01957	+29,411.12	+25,479.924	-10,382.300	+802.049	+0.000
06	+0.01927	+24,074.24	+25,089.327	-10,382.300	+789.754	+0.000
07	+0.01887	+24,195.38	+24,568.532	-10,382.300	+773.361	+0.000
08	+0.01871	+25,272.61	+24,360.214	-10,382.300	+766.803	+0.000
09	+0.01863	+23,161.41	+24,256.054	-10,382.300	+763.525	+0.000
10	+0.01852	+16,719.92	+24,112.836	-10,382.300	+759.016	+0.000
11	+0.01836	+11,553.08	+23,904.517	-9,542.000	+752.459	+0.000
12	+0.01833	+6,054.84	+23,865.458	-9,542.000	+751.230	+0.000
13	+0.01901	+5,878.13	+24,750.810	-4,728.130	+779.098	+0.000
14	+0.01972	+5,500.99	+25,675.222	-4,728.130	+808.197	+0.000
15	+0.02084	+5,031.02	+27,133.450	-4,728.130	+854.098	+0.000
16	+0.02136	+2,770.54	+27,810.484	-4,728.130	+875.410	+0.000
17	+0.02184	+8,125.99	+28,435.439	-5,623.630	+895.082	+0.000
18	+0.02192	+12,731.56	+28,539.598	-5,623.630	+898.361	+0.000
19	+0.02192	+23,192.52	+28,539.598	-5,623.630	+898.361	+0.000
20	+0.02174	+27,423.46	+28,305.240	-5,623.630	+890.984	+0.000
21	+0.02134	+32,369.59	+27,784.445	-5,623.630	+874.590	+0.000
22	+0.02082	+20,782.09	+27,107.410	-5,623.630	+853.279	+0.000
23	+0.02047	+25,856.50	+26,651.714	-5,623.630	+838.934	+0.000
24	+0.02004	+22,518.60	+26,091.859	-5,623.630	+821.312	+0.000
25	+0.01970	+21,887.15	+25,649.183	-5,623.630	+807.377	+0.000
26	+0.01927	+15,658.57	+25,089.327	-5,623.630	+789.754	+0.000
27	+0.01881	+12,780.79	+24,490.413	-9,542.000	+770.902	+0.000
28	+0.01838	+12,653.37	+23,930.557	-9,542.000	+753.279	+0.000
29	+0.01826	+10,105.66	+23,774.319	-9,542.000	+748.361	+0.000
30	+0.01830	+5,994.27	+23,826.398	-9,542.000	+750.000	+0.000
31	+0.01874	+12,064.34	+24,399.273	-9,542.000	+768.033	+0.000
32	+0.01943	+20,665.60	+25,297.646	-9,542.000	+796.312	+0.000
33	+0.01999	+12,338.61	+26,026.759	-10,475.000	+819.262	+0.000
34	+0.02093	+19,071.14	+27,250.629	-10,475.000	+857.787	+0.000
35	+0.02215	+28,019.76	+28,839.056	-10,475.000	+907.787	+0.000
36	+0.02284	+44,331.49	+29,737.428	-10,475.000	+936.066	+0.000
37	+0.02353	+44,094.41	+30,635.800	-10,475.000	+964.344	+0.000
38	+0.02413	+43,333.51	+31,416.994	-10,475.000	+988.935	+0.000
39	+0.02430	+33,196.67	+31,638.332	-5,664.670	+995.902	+0.000
40	+0.02435	+34,690.99	+31,703.431	-5,664.670	+997.951	+0.000
41	+0.02472	+31,083.64	+32,185.167	-5,664.670	+1,013.115	+0.000
42	+0.02505	+35,143.04	+32,614.824	-5,664.670	+1,026.639	+0.000

43	+0.02475	+30,922.00	+32,224.227	-4,731.670	+1,014.344	+.000
44	+0.02431	+28,387.44	+31,651.352	-9,542.000	+996.312	+.000
45	+0.02350	+16,750.59	+30,596.741	-9,542.000	+963.115	+.000
46	+0.02252	+4,199.86	+29,320.792	-9,542.000	+922.951	+.000
47	+0.02130	+29,384.85	+27,732.365	-8,231.800	+872.951	+.000
48	+0.02014	+38,566.04	+26,222.058	-8,231.800	+825.410	+.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	+2,460.822	+0.000	+16,448.458	+0.000	+0.000
02	+0.000	+2,449.726	+0.000	+16,374.292	+0.000	+0.000
03	+0.000	+2,432.466	+0.000	+16,258.922	+0.000	+0.000
04	+0.000	+2,439.863	+0.000	+16,308.366	+0.000	+0.000
05	+0.000	+2,412.740	+0.000	+16,127.070	+0.000	+0.000
06	+0.000	+2,375.753	+0.000	+15,879.849	+0.000	+0.000
07	+0.000	+2,326.438	+0.000	+15,550.221	+0.000	+0.000
08	+0.000	+2,306.712	+0.000	+15,418.369	+0.000	+0.000
09	+0.000	+2,296.849	+0.000	+15,352.443	+0.000	+0.000
10	+0.000	+2,283.288	+0.000	+15,261.796	+0.000	+0.000
11	+0.000	+2,263.562	+0.000	+15,129.944	+0.000	+0.000
12	+0.000	+2,259.863	+0.000	+15,105.222	+0.000	+0.000
13	+0.000	+2,343.699	+0.000	+15,665.590	+0.000	+0.000
14	+0.000	+2,431.233	+0.000	+16,250.681	+0.000	+0.000
15	+0.000	+2,569.315	+0.000	+17,173.640	+0.000	+0.000
16	+0.000	+2,633.425	+0.000	+17,602.157	+0.000	+0.000
17	+0.000	+2,692.603	+0.000	+17,997.712	+0.000	+0.000
18	+0.000	+2,702.466	+0.000	+18,063.637	+0.000	+0.000
19	+0.000	+2,702.466	+0.000	+18,063.637	+0.000	+0.000
20	+0.000	+2,680.274	+0.000	+17,915.304	+0.000	+0.000
21	+0.000	+2,630.959	+0.000	+17,585.676	+0.000	+0.000
22	+0.000	+2,566.849	+0.000	+17,157.159	+0.000	+0.000
23	+0.000	+2,523.699	+0.000	+16,868.734	+0.000	+0.000
24	+0.000	+2,470.685	+0.000	+16,514.384	+0.000	+0.000
25	+0.000	+2,428.767	+0.000	+16,234.199	+0.000	+0.000
26	+0.000	+2,375.753	+0.000	+15,879.849	+0.000	+0.000
27	+0.000	+2,319.041	+0.000	+15,500.776	+0.000	+0.000
28	+0.000	+2,266.027	+0.000	+15,146.426	+0.000	+0.000
29	+0.000	+2,251.233	+0.000	+15,047.537	+0.000	+0.000
30	+0.000	+2,256.164	+0.000	+15,080.500	+0.000	+0.000
31	+0.000	+2,310.411	+0.000	+15,443.091	+0.000	+0.000
32	+0.000	+2,395.479	+0.000	+16,011.700	+0.000	+0.000
33	+0.000	+2,464.521	+0.000	+16,473.180	+0.000	+0.000
34	+0.000	+2,580.411	+0.000	+17,247.807	+0.000	+0.000
35	+0.000	+2,730.822	+0.000	+18,253.174	+0.000	+0.000
36	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
37	+0.000	+2,900.959	+0.000	+19,390.392	+0.000	+0.000
38	+0.000	+2,974.932	+0.000	+19,884.834	+0.000	+0.000
39	+0.000	+2,995.890	+0.000	+20,024.926	+0.000	+0.000
40	+0.000	+3,002.055	+0.000	+20,066.130	+0.000	+0.000
41	+0.000	+3,047.671	+0.000	+20,371.036	+0.000	+0.000
42	+0.000	+3,088.356	+0.000	+20,642.980	+0.000	+0.000

43	+.000	+3,051.370	+.000	+20,395.758	+.000	+.000
44	+.000	+2,997.123	+.000	+20,033.167	+.000	+.000
45	+.000	+2,897.260	+.000	+19,365.669	+.000	+.000
46	+.000	+2,776.438	+.000	+18,558.080	+.000	+.000
47	+.000	+2,626.027	+.000	+17,552.713	+.000	+.000
48	+.000	+2,483.014	+.000	+16,596.791	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+82.403	+ .000	+ .000	+ .000	+ .000	+71,894.586
02	+82.032	+ .000	+ .000	+ .000	+ .000	+76,914.474
03	+81.454	+ .000	+ .000	+ .000	+ .000	+74,859.700
04	+81.701	+ .000	+ .000	+ .000	+ .000	+74,454.438
05	+80.793	+ .000	+ .000	+ .000	+ .000	+63,931.397
06	+79.555	+ .000	+ .000	+ .000	+ .000	+57,906.179
07	+77.903	+ .000	+ .000	+ .000	+ .000	+57,109.535
08	+77.243	+ .000	+ .000	+ .000	+ .000	+57,819.651
09	+76.912	+ .000	+ .000	+ .000	+ .000	+55,524.894
10	+76.458	+ .000	+ .000	+ .000	+ .000	+48,831.014
11	+75.798	+ .000	+ .000	+ .000	+ .000	+44,137.360
12	+75.674	+ .000	+ .000	+ .000	+ .000	+38,570.286
13	+78.481	+ .000	+ .000	+ .000	+ .000	+44,767.679
14	+81.412	+ .000	+ .000	+ .000	+ .000	+46,019.605
15	+86.036	+ .000	+ .000	+ .000	+ .000	+48,119.430
16	+88.183	+ .000	+ .000	+ .000	+ .000	+47,052.069
17	+90.165	+ .000	+ .000	+ .000	+ .000	+52,613.360
18	+90.495	+ .000	+ .000	+ .000	+ .000	+57,402.487
19	+90.495	+ .000	+ .000	+ .000	+ .000	+67,863.447
20	+89.752	+ .000	+ .000	+ .000	+ .000	+71,681.384
21	+88.100	+ .000	+ .000	+ .000	+ .000	+75,709.730
22	+85.954	+ .000	+ .000	+ .000	+ .000	+62,929.111
23	+84.509	+ .000	+ .000	+ .000	+ .000	+67,200.460
24	+82.734	+ .000	+ .000	+ .000	+ .000	+62,875.943
25	+81.330	+ .000	+ .000	+ .000	+ .000	+61,464.376
26	+79.555	+ .000	+ .000	+ .000	+ .000	+54,249.179
27	+77.656	+ .000	+ .000	+ .000	+ .000	+46,397.577
28	+75.880	+ .000	+ .000	+ .000	+ .000	+45,283.539
29	+75.385	+ .000	+ .000	+ .000	+ .000	+42,460.494
30	+75.550	+ .000	+ .000	+ .000	+ .000	+38,440.883
31	+77.367	+ .000	+ .000	+ .000	+ .000	+45,520.515
32	+80.215	+ .000	+ .000	+ .000	+ .000	+55,704.952
33	+82.527	+ .000	+ .000	+ .000	+ .000	+47,729.860
34	+86.408	+ .000	+ .000	+ .000	+ .000	+56,619.182
35	+91.445	+ .000	+ .000	+ .000	+ .000	+68,367.043
36	+94.293	+ .000	+ .000	+ .000	+ .000	+86,261.950
37	+97.142	+ .000	+ .000	+ .000	+ .000	+87,608.047
38	+99.619	+ .000	+ .000	+ .000	+ .000	+88,223.823
39	+100.321	+ .000	+ .000	+ .000	+ .000	+83,287.371
40	+100.527	+ .000	+ .000	+ .000	+ .000	+84,896.414
41	+102.055	+ .000	+ .000	+ .000	+ .000	+82,138.014
42	+103.417	+ .000	+ .000	+ .000	+ .000	+86,954.586



43	+102.178	+.000	+.000	+.000	+.000	+82,978.208
44	+100.362	+.000	+.000	+.000	+.000	+74,623.756
45	+97.018	+.000	+.000	+.000	+.000	+61,128.393
46	+92.972	+.000	+.000	+.000	+.000	+46,329.093
47	+87.935	+.000	+.000	+.000	+.000	+70,025.042
48	+83.146	+.000	+.000	+.000	+.000	+76,544.659