

Date: 22/11/2019

Settlement Day:30/10/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 213

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+309,376.090	+356,273,322.850
Balancing Services Contract Cost	+782,824.596	+188,793,505.791
Balancing Services Cost Variable	+1,203,961.330	+88,995,872.385
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+128,416.596	+24,768,575.008
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+175,527,131.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+879,353.460
ESO Incentive Recovery t-1	+80,000.000	+1,760,000.000
ALoMCP Recovery	-81,709.830	-1,797,616.260
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+175,527,131.520
Total External Costs	+2,426,997.202	+666,673,013.234
Total Adjusted Energy Volume (MWh)	+1,553,811.739	

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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	+25,625.709	+42,601.551	+1.66245
02	+26,228.070	+55,792.266	+2.12720
03	+25,826.977	+56,567.136	+2.19023
04	+25,217.663	+54,472.371	+2.16009
05	+25,121.707	+59,495.807	+2.36830
06	+24,993.983	+59,943.939	+2.39833
07	+25,038.296	+56,437.984	+2.25407
08	+24,783.475	+58,371.537	+2.35526
09	+24,297.895	+84,042.530	+3.45884
10	+24,663.041	+82,617.178	+3.34984
11	+25,516.096	+64,236.510	+2.51749
12	+26,595.444	+58,314.642	+2.19266
13	+28,675.799	+73,463.181	+2.56185
14	+31,170.141	+79,877.610	+2.56263
15	+33,817.530	+78,981.743	+2.33553
16	+34,881.368	+80,799.797	+2.31642
17	+35,679.980	+60,205.700	+1.68738
18	+35,739.093	+59,887.339	+1.67568
19	+35,715.173	+44,504.912	+1.24611
20	+35,283.654	+42,850.717	+1.21446
21	+34,696.004	+53,311.249	+1.53652
22	+34,259.754	+44,248.655	+1.29156
23	+34,226.817	+41,228.330	+1.20456
24	+34,369.143	+48,656.866	+1.41571
25	+34,708.102	+55,532.557	+1.59999
26	+34,712.871	+57,304.867	+1.65082
27	+34,812.338	+54,833.060	+1.57510
28	+35,066.244	+54,891.265	+1.56536
29	+35,330.566	+83,254.969	+2.35646
30	+35,396.889	+82,553.528	+2.33223
31	+35,883.932	+94,106.085	+2.62251
32	+36,709.315	+100,162.669	+2.72854
33	+37,350.707	+111,255.589	+2.97867
34	+39,242.833	+132,962.361	+3.38819
35	+40,803.674	+110,921.051	+2.71841
36	+40,618.611	+106,493.564	+2.62179
37	+40,240.435	+96,802.758	+2.40561
38	+39,855.090	+96,370.766	+2.41803
39	+38,614.586	+80,606.531	+2.08746
40	+37,425.779	+69,446.946	+1.85559
41	+36,201.717	+81,435.158	+2.24948
42	+34,541.141	+50,915.196	+1.47404

43	+33,203.077	+62,331.758	+1.87729
44	+31,239.250	+61,222.370	+1.95979
45	+30,245.767	+45,770.469	+1.51329
46	+28,348.130	+46,329.250	+1.63430
47	+25,923.786	+39,232.570	+1.51338
48	+24,914.087	+35,440.735	+1.42252

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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	+0.01649	+4,529.87	+12,908.778	+9,416.500	+0.000	+0.000
02	+0.01688	+17,042.87	+13,214.079	+9,416.500	+0.000	+0.000
03	+0.01662	+27,286.05	+13,010.545	+400.000	+0.000	+0.000
04	+0.01623	+25,869.00	+12,705.243	+400.000	+0.000	+0.000
05	+0.01617	+30,996.70	+12,658.274	+400.000	+0.000	+0.000
06	+0.01609	+31,583.85	+12,595.648	+400.000	+0.000	+0.000
07	+0.01611	+28,043.14	+12,611.304	+400.000	+0.000	+0.000
08	+0.01595	+30,254.73	+12,486.052	+400.000	+0.000	+0.000
09	+0.01564	+19,655.32	+12,243.377	+37,209.100	+0.000	+0.000
10	+0.01587	+17,830.29	+12,423.426	+37,209.100	+0.000	+0.000
11	+0.01642	+1,312.27	+12,853.980	+34,390.700	+0.000	+0.000
12	+0.01712	-5,826.01	+13,401.957	+34,390.700	+0.000	+0.000
13	+0.01846	-6,683.04	+14,450.942	+48,067.710	+0.000	+0.000
14	+0.02006	-3,048.98	+15,703.461	+48,067.710	+0.000	+0.000
15	+0.02176	-6,769.68	+17,034.263	+47,938.400	+0.000	+0.000
16	+0.02245	-6,150.66	+17,574.412	+47,938.400	+0.000	+0.000
17	+0.02296	+1,452.82	+17,973.653	+18,854.580	+0.000	+0.000
18	+0.02300	+1,064.95	+18,004.966	+18,854.580	+0.000	+0.000
19	+0.02299	+1,526.15	+17,997.137	+3,028.330	+0.000	+0.000
20	+0.02271	+358.52	+17,777.947	+3,028.330	+0.000	+0.000
21	+0.02233	+864.39	+17,480.473	+13,643.330	+0.000	+0.000
22	+0.02205	-7,711.64	+17,261.282	+13,643.330	+0.000	+0.000
23	+0.02203	-10,212.71	+17,245.626	+13,158.830	+0.000	+0.000
24	+0.02212	-2,940.57	+17,316.080	+13,158.830	+0.000	+0.000
25	+0.02234	-2,539.18	+17,488.301	+19,250.830	+0.000	+0.000
26	+0.02234	-766.87	+17,488.301	+19,250.830	+0.000	+0.000
27	+0.02240	-10,700.11	+17,535.271	+26,608.000	+0.000	+0.000
28	+0.02257	-10,937.32	+17,668.351	+26,608.000	+0.000	+0.000
29	+0.02274	-9,012.91	+17,801.431	+52,751.880	+0.000	+0.000
30	+0.02278	-9,783.86	+17,832.744	+52,751.880	+0.000	+0.000
31	+0.02309	-13,043.12	+18,075.420	+67,025.000	+0.000	+0.000
32	+0.02363	-7,924.91	+18,498.145	+67,025.000	+0.000	+0.000
33	+0.02404	-7,739.82	+18,819.103	+77,220.360	+0.000	+0.000
34	+0.02526	+11,846.92	+19,774.149	+77,220.360	+0.000	+0.000
35	+0.02626	+44,304.91	+20,556.974	+20,983.330	+0.000	+0.000
36	+0.02614	+40,085.95	+20,463.035	+20,983.330	+0.000	+0.000
37	+0.02590	+32,487.10	+20,275.157	+19,308.430	+0.000	+0.000
38	+0.02565	+32,489.54	+20,079.451	+19,308.430	+0.000	+0.000
39	+0.02485	+19,305.84	+19,453.191	+18,118.080	+0.000	+0.000
40	+0.02409	+9,466.93	+18,858.245	+18,118.080	+0.000	+0.000
41	+0.02330	+10,104.96	+18,239.813	+30,841.070	+0.000	+0.000
42	+0.02223	-15,527.30	+17,402.191	+27,812.740	+0.000	+0.000

43	+0.02137	-6,170.87	+16,728.962	+31,367.320	+.000	+.000
44	+0.02010	-5,073.34	+15,734.774	+31,367.320	+.000	+.000
45	+0.01947	+3,332.80	+15,241.595	+8,604.050	+.000	+.000
46	+0.01824	+5,362.99	+14,278.721	+9,270.050	+.000	+.000
47	+0.01668	+6,071.22	+13,057.514	+4,176.000	+.000	+.000
48	+0.01603	+3,408.91	+12,548.678	+4,176.000	+.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	+2,117.590	+0.000	+13,588.931	+0.000	+0.000
02	+0.000	+2,167.672	+0.000	+13,910.319	+0.000	+0.000
03	+0.000	+2,134.284	+0.000	+13,696.061	+0.000	+0.000
04	+0.000	+2,084.201	+0.000	+13,374.673	+0.000	+0.000
05	+0.000	+2,076.496	+0.000	+13,325.229	+0.000	+0.000
06	+0.000	+2,066.223	+0.000	+13,259.303	+0.000	+0.000
07	+0.000	+2,068.791	+0.000	+13,275.784	+0.000	+0.000
08	+0.000	+2,048.245	+0.000	+13,143.933	+0.000	+0.000
09	+0.000	+2,008.436	+0.000	+12,888.471	+0.000	+0.000
10	+0.000	+2,037.971	+0.000	+13,078.007	+0.000	+0.000
11	+0.000	+2,108.601	+0.000	+13,531.246	+0.000	+0.000
12	+0.000	+2,198.492	+0.000	+14,108.096	+0.000	+0.000
13	+0.000	+2,370.570	+0.000	+15,212.351	+0.000	+0.000
14	+0.000	+2,576.037	+0.000	+16,530.865	+0.000	+0.000
15	+0.000	+2,794.345	+0.000	+17,931.786	+0.000	+0.000
16	+0.000	+2,882.953	+0.000	+18,500.395	+0.000	+0.000
17	+0.000	+2,948.445	+0.000	+18,920.671	+0.000	+0.000
18	+0.000	+2,953.582	+0.000	+18,953.634	+0.000	+0.000
19	+0.000	+2,952.298	+0.000	+18,945.393	+0.000	+0.000
20	+0.000	+2,916.341	+0.000	+18,714.653	+0.000	+0.000
21	+0.000	+2,867.543	+0.000	+18,401.506	+0.000	+0.000
22	+0.000	+2,831.586	+0.000	+18,170.766	+0.000	+0.000
23	+0.000	+2,829.018	+0.000	+18,154.285	+0.000	+0.000
24	+0.000	+2,840.575	+0.000	+18,228.451	+0.000	+0.000
25	+0.000	+2,868.827	+0.000	+18,409.747	+0.000	+0.000
26	+0.000	+2,868.827	+0.000	+18,409.747	+0.000	+0.000
27	+0.000	+2,876.532	+0.000	+18,459.191	+0.000	+0.000
28	+0.000	+2,898.363	+0.000	+18,599.283	+0.000	+0.000
29	+0.000	+2,920.193	+0.000	+18,739.375	+0.000	+0.000
30	+0.000	+2,925.330	+0.000	+18,772.338	+0.000	+0.000
31	+0.000	+2,965.139	+0.000	+19,027.800	+0.000	+0.000
32	+0.000	+3,034.484	+0.000	+19,472.799	+0.000	+0.000
33	+0.000	+3,087.135	+0.000	+19,810.668	+0.000	+0.000
34	+0.000	+3,243.803	+0.000	+20,816.034	+0.000	+0.000
35	+0.000	+3,372.220	+0.000	+21,640.106	+0.000	+0.000
36	+0.000	+3,356.810	+0.000	+21,541.217	+0.000	+0.000
37	+0.000	+3,325.990	+0.000	+21,343.440	+0.000	+0.000
38	+0.000	+3,293.886	+0.000	+21,137.422	+0.000	+0.000
39	+0.000	+3,191.152	+0.000	+20,478.165	+0.000	+0.000
40	+0.000	+3,093.556	+0.000	+19,851.871	+0.000	+0.000
41	+0.000	+2,992.107	+0.000	+19,200.855	+0.000	+0.000
42	+0.000	+2,854.701	+0.000	+18,319.099	+0.000	+0.000

43	+.000	+2,744.263	+.000	+17,610.398	+.000	+.000
44	+.000	+2,581.174	+.000	+16,563.828	+.000	+.000
45	+.000	+2,500.271	+.000	+16,044.663	+.000	+.000
46	+.000	+2,342.319	+.000	+15,031.056	+.000	+.000
47	+.000	+2,141.989	+.000	+13,745.505	+.000	+.000
48	+.000	+2,058.518	+.000	+13,209.859	+.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	+68.078	+1,319.200	-1,347.395	+0.000	+0.000	+42,601.551
02	+69.688	+1,350.400	-1,379.262	+0.000	+0.000	+55,792.266
03	+68.614	+1,329.600	-1,358.017	+0.000	+0.000	+56,567.136
04	+67.004	+1,298.400	-1,326.151	+0.000	+0.000	+54,472.371
05	+66.757	+1,293.600	-1,321.248	+0.000	+0.000	+59,495.807
06	+66.426	+1,287.200	-1,314.711	+0.000	+0.000	+59,943.939
07	+66.509	+1,288.800	-1,316.345	+0.000	+0.000	+56,437.984
08	+65.848	+1,276.000	-1,303.272	+0.000	+0.000	+58,371.537
09	+64.568	+1,251.200	-1,277.942	+0.000	+0.000	+84,042.530
10	+65.518	+1,269.600	-1,296.735	+0.000	+0.000	+82,617.178
11	+67.789	+1,313.600	-1,341.675	+0.000	+0.000	+64,236.510
12	+70.679	+1,369.600	-1,398.872	+0.000	+0.000	+58,314.642
13	+76.211	+1,476.800	-1,508.363	+0.000	+0.000	+73,463.181
14	+82.816	+1,604.800	-1,639.099	+0.000	+0.000	+79,877.610
15	+89.834	+1,740.800	-1,778.006	+0.000	+0.000	+78,981.743
16	+92.683	+1,796.000	-1,834.386	+0.000	+0.000	+80,799.797
17	+94.789	+1,836.800	-1,876.058	+0.000	+0.000	+60,205.700
18	+94.954	+1,840.000	-1,879.326	+0.000	+0.000	+59,887.339
19	+94.912	+1,839.200	-1,878.509	+0.000	+0.000	+44,504.912
20	+93.756	+1,816.800	-1,855.630	+0.000	+0.000	+42,850.717
21	+92.188	+1,786.400	-1,824.581	+0.000	+0.000	+53,311.249
22	+91.032	+1,764.000	-1,801.702	+0.000	+0.000	+44,248.655
23	+90.949	+1,762.400	-1,800.068	+0.000	+0.000	+41,228.330
24	+91.321	+1,769.600	-1,807.421	+0.000	+0.000	+48,656.866
25	+92.229	+1,787.200	-1,825.398	+0.000	+0.000	+55,532.557
26	+92.229	+1,787.200	-1,825.398	+0.000	+0.000	+57,304.867
27	+92.477	+1,792.000	-1,830.300	+0.000	+0.000	+54,833.060
28	+93.178	+1,805.600	-1,844.191	+0.000	+0.000	+54,891.265
29	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+83,254.969
30	+94.045	+1,822.400	-1,861.350	+0.000	+0.000	+82,553.528
31	+95.325	+1,847.200	-1,886.680	+0.000	+0.000	+94,106.085
32	+97.555	+1,890.400	-1,930.803	+0.000	+0.000	+100,162.669
33	+99.247	+1,923.200	-1,964.304	+0.000	+0.000	+111,255.589
34	+104.284	+2,020.800	-2,063.990	+0.000	+0.000	+132,962.361
35	+108.412	+2,100.800	-2,145.700	+0.000	+0.000	+110,921.051
36	+107.917	+2,091.200	-2,135.895	+0.000	+0.000	+106,493.564
37	+106.926	+2,072.000	-2,116.285	+0.000	+0.000	+96,802.758
38	+105.894	+2,052.000	-2,095.857	+0.000	+0.000	+96,370.766
39	+102.591	+1,988.000	-2,030.489	+0.000	+0.000	+80,606.531
40	+99.454	+1,927.200	-1,968.390	+0.000	+0.000	+69,446.946
41	+96.192	+1,864.000	-1,903.839	+0.000	+0.000	+81,435.158
42	+91.775	+1,778.400	-1,816.410	+0.000	+0.000	+50,915.196

43	+88.224	+1,709.600	-1,746.139	+.000	+.000	+62,331.758
44	+82.981	+1,608.000	-1,642.368	+.000	+.000	+61,222.370
45	+80.380	+1,557.600	-1,590.890	+.000	+.000	+45,770.469
46	+75.302	+1,459.200	-1,490.387	+.000	+.000	+46,329.250
47	+68.862	+1,334.400	-1,362.920	+.000	+.000	+39,232.570
48	+66.179	+1,282.400	-1,309.809	+.000	+.000	+35,440.735