

Date: 05/11/2019

Settlement Day:13/10/2019

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: 196

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,295,206.080	+318,905,239.440
Balancing Services Contract Cost	+629,523.971	+175,551,214.202
Balancing Services Cost Variable	+307,092.980	+79,439,430.955
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	+116,334.720	+22,622,383.144
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+161,517,923.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+809,170.320
ESO Incentive Recovery t-1	+80,000.000	+400,000.000
ALoMCP Recovery	-81,709.830	-408,549.150
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+161,517,923.840
Total External Costs	+2,350,576.341	+604,318,888.911
Total Adjusted Energy Volume (MWh)	+1,219,296.427	

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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	+20,667.683	+80,518.284	+3.89585
02	+20,184.171	+77,997.475	+3.86429
03	+19,945.383	+76,183.729	+3.81962
04	+19,920.427	+77,985.622	+3.91486
05	+19,647.084	+77,711.911	+3.95539
06	+19,768.550	+90,177.926	+4.56169
07	+19,510.793	+81,059.543	+4.15460
08	+19,231.420	+79,811.033	+4.15003
09	+19,401.540	+86,072.692	+4.43638
10	+19,496.972	+105,177.050	+5.39453
11	+19,802.272	+107,509.527	+5.42915
12	+19,996.182	+108,202.292	+5.41115
13	+20,474.737	+78,251.418	+3.82185
14	+21,649.520	+69,216.876	+3.19716
15	+22,451.898	+59,693.113	+2.65871
16	+22,839.885	+62,920.364	+2.75485
17	+23,825.734	+51,645.406	+2.16763
18	+25,113.361	+49,477.525	+1.97017
19	+26,633.089	+45,103.987	+1.69353
20	+27,658.398	+50,260.130	+1.81717
21	+28,308.848	+66,929.968	+2.36428
22	+28,503.928	+71,444.344	+2.50647
23	+28,882.153	+84,465.762	+2.92450
24	+29,167.449	+80,602.412	+2.76344
25	+28,977.632	+66,217.470	+2.28512
26	+28,985.892	+63,188.350	+2.17997
27	+28,590.851	+57,166.158	+1.99946
28	+27,996.210	+53,479.327	+1.91023
29	+27,721.167	+50,532.371	+1.82288
30	+27,327.009	+42,790.326	+1.56586
31	+27,205.708	+41,357.681	+1.52018
32	+27,488.371	+40,822.021	+1.48507
33	+28,053.838	+36,533.315	+1.30226
34	+28,991.817	+40,126.753	+1.38407
35	+29,888.301	+47,403.637	+1.58603
36	+31,017.477	+60,806.051	+1.96038
37	+31,577.862	+59,931.102	+1.89788
38	+32,460.212	+61,198.182	+1.88533
39	+32,115.187	+63,441.065	+1.97542
40	+31,022.326	+65,750.421	+2.11945
41	+30,080.344	+78,811.543	+2.62003
42	+28,913.018	+58,090.559	+2.00915

43	+28,006.583	+56,092.821	+2.00284
44	+26,483.162	+62,784.606	+2.37074
45	+25,737.884	+78,238.743	+3.03983
46	+24,338.797	+56,491.662	+2.32105
47	+22,091.966	+49,286.862	+2.23099
48	+21,143.336	+65,656.520	+3.10531

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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	+0.01695	+42,389.48	+10,670.431	+11,477.500	+0.000	+0.000
02	+0.01655	+34,981.61	+10,418.622	+16,993.500	+0.000	+0.000
03	+0.01636	+32,483.11	+10,299.012	+17,977.000	+0.000	+0.000
04	+0.01634	+34,316.45	+10,286.422	+17,977.000	+0.000	+0.000
05	+0.01611	+33,144.51	+10,141.631	+19,236.870	+0.000	+0.000
06	+0.01621	+45,453.29	+10,204.584	+19,236.870	+0.000	+0.000
07	+0.01600	+38,489.97	+10,072.384	+17,412.000	+0.000	+0.000
08	+0.01577	+37,603.10	+9,927.593	+17,412.000	+0.000	+0.000
09	+0.01591	+43,636.63	+10,015.726	+17,420.000	+0.000	+0.000
10	+0.01599	+62,615.20	+10,066.088	+17,420.000	+0.000	+0.000
11	+0.01624	+63,737.97	+10,223.469	+18,236.620	+0.000	+0.000
12	+0.01640	+64,179.16	+10,324.193	+18,236.620	+0.000	+0.000
13	+0.01679	+34,666.44	+10,569.707	+17,185.250	+0.000	+0.000
14	+0.01776	+24,106.72	+11,180.346	+17,185.250	+0.000	+0.000
15	+0.01841	+32,717.68	+11,589.536	-1,971.500	+0.000	+0.000
16	+0.01873	+35,441.78	+11,790.984	-1,971.500	+0.000	+0.000
17	+0.01954	+23,091.12	+12,300.898	-2,169.400	+0.000	+0.000
18	+0.02060	+19,256.55	+12,968.194	-2,169.400	+0.000	+0.000
19	+0.02184	+10,763.90	+13,748.804	+0.000	+0.000	+0.000
20	+0.02268	+14,599.27	+14,277.604	+0.000	+0.000	+0.000
21	+0.02322	+30,420.04	+14,617.547	+0.000	+0.000	+0.000
22	+0.02338	+29,429.26	+14,718.270	+5,253.580	+0.000	+0.000
23	+0.02369	+41,963.25	+14,913.423	+5,253.580	+0.000	+0.000
24	+0.02392	+37,738.26	+15,058.213	+5,253.580	+0.000	+0.000
25	+0.02377	+23,589.17	+14,963.785	+5,253.580	+0.000	+0.000
26	+0.02377	+20,560.05	+14,963.785	+5,253.580	+0.000	+0.000
27	+0.02345	+20,525.09	+14,762.337	-230.500	+0.000	+0.000
28	+0.02296	+17,608.71	+14,453.870	-230.500	+0.000	+0.000
29	+0.02274	+14,952.42	+14,315.375	-175.250	+0.000	+0.000
30	+0.02241	+7,729.25	+14,107.632	-175.250	+0.000	+0.000
31	+0.02231	+6,622.84	+14,044.680	-344.250	+0.000	+0.000
32	+0.02254	+5,725.54	+14,189.470	-344.250	+0.000	+0.000
33	+0.02301	+353.58	+14,485.347	+0.000	+0.000	+0.000
34	+0.02378	+2,736.31	+14,970.080	+0.000	+0.000	+0.000
35	+0.02451	+8,865.38	+15,429.633	+0.000	+0.000	+0.000
36	+0.02544	+15,551.93	+16,015.090	+5,253.580	+0.000	+0.000
37	+0.02590	+13,953.70	+16,304.671	+5,253.580	+0.000	+0.000
38	+0.02662	+14,088.69	+16,757.928	+5,253.580	+0.000	+0.000
39	+0.02634	+16,771.83	+16,581.661	+5,253.580	+0.000	+0.000
40	+0.02544	+20,496.30	+16,015.090	+5,253.580	+0.000	+0.000
41	+0.02467	+40,021.71	+15,530.356	+0.000	+0.000	+0.000
42	+0.02371	+20,810.18	+14,926.013	+0.000	+0.000	+0.000

43	+0.02297	+19,975.98	+14,460.166	+ .000	+ .000	+ .000
44	+0.02172	+28,633.20	+13,673.261	+ .000	+ .000	+ .000
45	+0.02111	+45,046.47	+13,289.251	+ .000	+ .000	+ .000
46	+0.01996	+25,107.59	+12,565.298	+ .000	+ .000	+ .000
47	+0.01812	+10,329.66	+11,406.974	+10,466.250	+ .000	+ .000
48	+0.01734	+27,925.75	+10,915.946	+10,466.250	+ .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	+1,971.874	+0.000	+13,968.004	+0.000	+0.000
02	+0.000	+1,925.340	+0.000	+13,638.376	+0.000	+0.000
03	+0.000	+1,903.236	+0.000	+13,481.802	+0.000	+0.000
04	+0.000	+1,900.909	+0.000	+13,465.321	+0.000	+0.000
05	+0.000	+1,874.152	+0.000	+13,275.784	+0.000	+0.000
06	+0.000	+1,885.786	+0.000	+13,358.192	+0.000	+0.000
07	+0.000	+1,861.356	+0.000	+13,185.137	+0.000	+0.000
08	+0.000	+1,834.599	+0.000	+12,995.600	+0.000	+0.000
09	+0.000	+1,850.885	+0.000	+13,110.970	+0.000	+0.000
10	+0.000	+1,860.192	+0.000	+13,176.896	+0.000	+0.000
11	+0.000	+1,889.276	+0.000	+13,382.914	+0.000	+0.000
12	+0.000	+1,907.889	+0.000	+13,514.765	+0.000	+0.000
13	+0.000	+1,953.260	+0.000	+13,836.153	+0.000	+0.000
14	+0.000	+2,066.105	+0.000	+14,635.502	+0.000	+0.000
15	+0.000	+2,141.722	+0.000	+15,171.148	+0.000	+0.000
16	+0.000	+2,178.949	+0.000	+15,434.851	+0.000	+0.000
17	+0.000	+2,273.180	+0.000	+16,102.348	+0.000	+0.000
18	+0.000	+2,396.495	+0.000	+16,975.863	+0.000	+0.000
19	+0.000	+2,540.750	+0.000	+17,997.712	+0.000	+0.000
20	+0.000	+2,638.471	+0.000	+18,689.931	+0.000	+0.000
21	+0.000	+2,701.292	+0.000	+19,134.930	+0.000	+0.000
22	+0.000	+2,719.906	+0.000	+19,266.781	+0.000	+0.000
23	+0.000	+2,755.970	+0.000	+19,522.243	+0.000	+0.000
24	+0.000	+2,782.727	+0.000	+19,711.779	+0.000	+0.000
25	+0.000	+2,765.276	+0.000	+19,588.169	+0.000	+0.000
26	+0.000	+2,765.276	+0.000	+19,588.169	+0.000	+0.000
27	+0.000	+2,728.049	+0.000	+19,324.466	+0.000	+0.000
28	+0.000	+2,671.045	+0.000	+18,920.671	+0.000	+0.000
29	+0.000	+2,645.452	+0.000	+18,739.375	+0.000	+0.000
30	+0.000	+2,607.061	+0.000	+18,467.432	+0.000	+0.000
31	+0.000	+2,595.428	+0.000	+18,385.025	+0.000	+0.000
32	+0.000	+2,622.185	+0.000	+18,574.561	+0.000	+0.000
33	+0.000	+2,676.862	+0.000	+18,961.875	+0.000	+0.000
34	+0.000	+2,766.440	+0.000	+19,596.409	+0.000	+0.000
35	+0.000	+2,851.364	+0.000	+20,197.981	+0.000	+0.000
36	+0.000	+2,959.555	+0.000	+20,964.367	+0.000	+0.000
37	+0.000	+3,013.069	+0.000	+21,343.440	+0.000	+0.000
38	+0.000	+3,096.830	+0.000	+21,936.771	+0.000	+0.000
39	+0.000	+3,064.257	+0.000	+21,706.031	+0.000	+0.000
40	+0.000	+2,959.555	+0.000	+20,964.367	+0.000	+0.000
41	+0.000	+2,869.978	+0.000	+20,329.833	+0.000	+0.000
42	+0.000	+2,758.296	+0.000	+19,538.724	+0.000	+0.000

43	+.000	+2,672.209	+.000	+18,928.912	+.000	+.000
44	+.000	+2,526.790	+.000	+17,898.823	+.000	+.000
45	+.000	+2,455.826	+.000	+17,396.140	+.000	+.000
46	+.000	+2,322.041	+.000	+16,448.458	+.000	+.000
47	+.000	+2,107.985	+.000	+14,932.167	+.000	+.000
48	+.000	+2,017.244	+.000	+14,289.392	+.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	+69.977	+1,356.000	-1,384.982	+0.000	+0.000	+80,518.284
02	+68.325	+1,324.000	-1,352.298	+0.000	+0.000	+77,997.475
03	+67.541	+1,308.800	-1,336.773	+0.000	+0.000	+76,183.729
04	+67.458	+1,307.200	-1,335.139	+0.000	+0.000	+77,985.622
05	+66.509	+1,288.800	-1,316.345	+0.000	+0.000	+77,711.911
06	+66.922	+1,296.800	-1,324.516	+0.000	+0.000	+90,177.926
07	+66.055	+1,280.000	-1,307.357	+0.000	+0.000	+81,059.543
08	+65.105	+1,261.600	-1,288.564	+0.000	+0.000	+79,811.033
09	+65.683	+1,272.800	-1,300.003	+0.000	+0.000	+86,072.692
10	+66.013	+1,279.200	-1,306.540	+0.000	+0.000	+105,177.050
11	+67.046	+1,299.200	-1,326.968	+0.000	+0.000	+107,509.527
12	+67.706	+1,312.000	-1,340.041	+0.000	+0.000	+108,202.292
13	+69.316	+1,343.200	-1,371.908	+0.000	+0.000	+78,251.418
14	+73.321	+1,420.800	-1,451.167	+0.000	+0.000	+69,216.876
15	+76.004	+1,472.800	-1,504.278	+0.000	+0.000	+59,693.113
16	+77.325	+1,498.400	-1,530.425	+0.000	+0.000	+62,920.364
17	+80.669	+1,563.200	-1,596.610	+0.000	+0.000	+51,645.406
18	+85.045	+1,648.000	-1,683.222	+0.000	+0.000	+49,477.525
19	+90.165	+1,747.200	-1,784.543	+0.000	+0.000	+45,103.987
20	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+50,260.130
21	+95.862	+1,857.600	-1,897.302	+0.000	+0.000	+66,929.968
22	+96.522	+1,870.400	-1,910.376	+0.000	+0.000	+71,444.344
23	+97.802	+1,895.200	-1,935.706	+0.000	+0.000	+84,465.762
24	+98.752	+1,913.600	-1,954.499	+0.000	+0.000	+80,602.412
25	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+66,217.470
26	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+63,188.350
27	+96.811	+1,876.000	-1,916.096	+0.000	+0.000	+57,166.158
28	+94.789	+1,836.800	-1,876.058	+0.000	+0.000	+53,479.327
29	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+50,532.371
30	+92.518	+1,792.800	-1,831.117	+0.000	+0.000	+42,790.326
31	+92.105	+1,784.800	-1,822.946	+0.000	+0.000	+41,357.681
32	+93.055	+1,803.200	-1,841.740	+0.000	+0.000	+40,822.021
33	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+36,533.315
34	+98.174	+1,902.400	-1,943.060	+0.000	+0.000	+40,126.753
35	+101.188	+1,960.800	-2,002.708	+0.000	+0.000	+47,403.637
36	+105.027	+2,035.200	-2,078.698	+0.000	+0.000	+60,806.051
37	+106.926	+2,072.000	-2,116.285	+0.000	+0.000	+59,931.102
38	+109.899	+2,129.600	-2,175.116	+0.000	+0.000	+61,198.182
39	+108.743	+2,107.200	-2,152.237	+0.000	+0.000	+63,441.065
40	+105.027	+2,035.200	-2,078.698	+0.000	+0.000	+65,750.421
41	+101.848	+1,973.600	-2,015.782	+0.000	+0.000	+78,811.543
42	+97.885	+1,896.800	-1,937.340	+0.000	+0.000	+58,090.559



43	+94.830	+1,837.600	-1,876.875	+.000	+.000	+56,092.821
44	+89.669	+1,737.600	-1,774.738	+.000	+.000	+62,784.606
45	+87.151	+1,688.800	-1,724.895	+.000	+.000	+78,238.743
46	+82.403	+1,596.800	-1,630.928	+.000	+.000	+56,491.662
47	+74.807	+1,449.600	-1,480.582	+.000	+.000	+49,286.862
48	+71.587	+1,387.200	-1,416.848	+.000	+.000	+65,656.520