

Date: 21/11/2019

Settlement Day:29/10/2019

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: 212

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+88,808.770	+355,963,946.760
Balancing Services Contract Cost	+769,629.948	+188,010,681.195
Balancing Services Cost Variable	+1,046,324.990	+87,791,911.055
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	+127,909.856	+24,640,158.412
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+174,703,060.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+875,225.040
ESO Incentive Recovery t-1	+80,000.000	+1,680,000.000
ALoMCP Recovery	-81,709.830	-1,715,906.430
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+174,703,060.480
Total External Costs	+2,035,092.154	+664,246,016.032
Total Adjusted Energy Volume (MWh)	+1,520,272.549	

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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	+23,614.989	+67,351.827	+2.85208
02	+23,865.599	+60,365.752	+2.52940
03	+23,768.870	+65,868.070	+2.77119
04	+23,128.898	+56,003.238	+2.42135
05	+23,073.361	+60,046.717	+2.60243
06	+22,787.126	+57,618.771	+2.52857
07	+22,739.441	+61,134.740	+2.68849
08	+22,541.274	+62,632.627	+2.77858
09	+22,920.246	+68,460.554	+2.98690
10	+23,167.732	+67,048.089	+2.89403
11	+24,288.213	+48,569.620	+1.99972
12	+25,050.129	+38,550.455	+1.53893
13	+27,934.833	+64,249.301	+2.29997
14	+30,446.293	+60,702.380	+1.99375
15	+33,078.218	+86,258.130	+2.60770
16	+34,452.974	+89,260.827	+2.59080
17	+35,728.543	+57,896.132	+1.62044
18	+35,928.436	+55,644.766	+1.54877
19	+36,126.956	+45,790.189	+1.26748
20	+35,859.367	+40,466.764	+1.12849
21	+35,061.415	+60,437.509	+1.72376
22	+34,587.912	+58,955.960	+1.70452
23	+34,434.746	+51,861.427	+1.50608
24	+34,356.754	+52,626.535	+1.53177
25	+34,603.664	+55,125.650	+1.59306
26	+34,553.756	+52,671.109	+1.52432
27	+34,443.574	+60,699.787	+1.76230
28	+34,456.079	+62,119.547	+1.80286
29	+34,554.662	+62,172.349	+1.79925
30	+34,877.919	+65,538.455	+1.87908
31	+35,093.717	+73,301.549	+2.08874
32	+36,104.649	+80,894.479	+2.24056
33	+36,460.548	+106,535.466	+2.92194
34	+38,192.210	+120,027.419	+3.14272
35	+39,823.086	+56,563.441	+1.42037
36	+40,264.374	+63,335.509	+1.57299
37	+40,157.759	+63,654.517	+1.58511
38	+39,269.904	+58,052.250	+1.47829
39	+38,233.452	+65,220.740	+1.70586
40	+37,152.816	+52,532.199	+1.41395
41	+36,384.635	+53,698.864	+1.47587
42	+34,603.241	+34,989.230	+1.01115

43	+33,015.417	+50,715.729	+1.53612
44	+31,071.803	+43,497.572	+1.39990
45	+29,169.569	+37,333.615	+1.27988
46	+27,353.218	+26,590.580	+0.97212
47	+26,250.074	+37,131.328	+1.41452
48	+25,240.098	+38,926.949	+1.54227

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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	+0.01553	+39,895.15	+11,952.353	+682.500	+0.000	+0.000
02	+0.01570	+32,615.99	+12,083.190	+682.500	+0.000	+0.000
03	+0.01563	+39,691.99	+12,029.316	-770.500	+0.000	+0.000
04	+0.01521	+30,551.25	+11,706.072	-770.500	+0.000	+0.000
05	+0.01518	+34,621.95	+11,682.983	-746.000	+0.000	+0.000
06	+0.01499	+32,521.57	+11,536.753	-746.000	+0.000	+0.000
07	+0.01496	+34,660.76	+11,513.664	+682.500	+0.000	+0.000
08	+0.01483	+36,382.77	+11,413.612	+682.500	+0.000	+0.000
09	+0.01508	+41,779.69	+11,606.020	+682.500	+0.000	+0.000
10	+0.01524	+40,091.38	+11,729.160	+682.500	+0.000	+0.000
11	+0.01598	+5,410.88	+12,298.687	+15,608.750	+0.000	+0.000
12	+0.01648	-5,470.30	+12,683.502	+15,608.750	+0.000	+0.000
13	+0.01837	-16,801.09	+14,138.102	+49,379.970	+0.000	+0.000
14	+0.02003	-23,209.90	+15,415.688	+49,379.970	+0.000	+0.000
15	+0.02176	-30,856.06	+16,747.148	+79,599.310	+0.000	+0.000
16	+0.02266	-29,404.99	+17,439.815	+79,599.310	+0.000	+0.000
17	+0.02350	-6,110.14	+18,086.304	+23,491.580	+0.000	+0.000
18	+0.02363	-8,585.63	+18,186.356	+23,491.580	+0.000	+0.000
19	+0.02376	+1,798.92	+18,286.408	+3,028.330	+0.000	+0.000
20	+0.02359	-3,231.42	+18,155.570	+3,028.330	+0.000	+0.000
21	+0.02306	-6,886.45	+17,747.667	+27,567.840	+0.000	+0.000
22	+0.02275	-7,833.55	+17,509.081	+27,567.840	+0.000	+0.000
23	+0.02265	-13,097.53	+17,432.118	+25,909.690	+0.000	+0.000
24	+0.02260	-12,246.22	+17,393.637	+25,909.690	+0.000	+0.000
25	+0.02276	-10,111.68	+17,516.778	+25,998.420	+0.000	+0.000
26	+0.02273	-12,514.50	+17,493.689	+25,998.420	+0.000	+0.000
27	+0.02266	-15,485.97	+17,439.815	+37,119.250	+0.000	+0.000
28	+0.02266	-14,066.21	+17,439.815	+37,119.250	+0.000	+0.000
29	+0.02273	-15,432.31	+17,493.689	+38,417.470	+0.000	+0.000
30	+0.02294	-12,428.25	+17,655.311	+38,417.470	+0.000	+0.000
31	+0.02308	-22,344.70	+17,763.059	+55,855.650	+0.000	+0.000
32	+0.02375	-15,906.87	+18,278.711	+55,855.650	+0.000	+0.000
33	+0.02398	-15,925.09	+18,455.726	+81,118.330	+0.000	+0.000
34	+0.02512	-4,398.53	+19,333.104	+81,118.330	+0.000	+0.000
35	+0.02619	+8,382.78	+20,156.608	+3,028.330	+0.000	+0.000
36	+0.02648	+14,654.88	+20,379.801	+3,028.330	+0.000	+0.000
37	+0.02641	+15,094.57	+20,325.927	+3,028.330	+0.000	+0.000
38	+0.02583	+10,492.24	+19,879.542	+3,028.330	+0.000	+0.000
39	+0.02515	+18,833.07	+19,356.193	+3,028.330	+0.000	+0.000
40	+0.02444	+7,368.59	+18,809.756	+3,028.330	+0.000	+0.000
41	+0.02393	+9,414.51	+18,417.245	+3,028.330	+0.000	+0.000
42	+0.02276	-4,249.68	+17,516.778	+0.000	+0.000	+0.000

43	+0.02172	+406.81	+16,716.362	+12,863.000	+.000	+.000
44	+0.02044	-4,604.59	+15,731.236	+12,863.000	+.000	+.000
45	+0.01919	-8,440.01	+14,769.199	+12,689.500	+.000	+.000
46	+0.01799	-17,114.21	+13,845.643	+12,689.500	+.000	+.000
47	+0.01727	-16,027.91	+13,291.509	+23,385.250	+.000	+.000
48	+0.01660	-13,077.19	+12,775.857	+23,385.250	+.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	+1,986.440	+0.000	+12,797.823	+0.000	+0.000
02	+0.000	+2,008.185	+0.000	+12,937.915	+0.000	+0.000
03	+0.000	+1,999.231	+0.000	+12,880.230	+0.000	+0.000
04	+0.000	+1,945.509	+0.000	+12,534.121	+0.000	+0.000
05	+0.000	+1,941.672	+0.000	+12,509.398	+0.000	+0.000
06	+0.000	+1,917.369	+0.000	+12,352.825	+0.000	+0.000
07	+0.000	+1,913.531	+0.000	+12,328.103	+0.000	+0.000
08	+0.000	+1,896.903	+0.000	+12,220.974	+0.000	+0.000
09	+0.000	+1,928.881	+0.000	+12,426.991	+0.000	+0.000
10	+0.000	+1,949.346	+0.000	+12,558.843	+0.000	+0.000
11	+0.000	+2,043.999	+0.000	+13,168.655	+0.000	+0.000
12	+0.000	+2,107.954	+0.000	+13,580.691	+0.000	+0.000
13	+0.000	+2,349.704	+0.000	+15,138.185	+0.000	+0.000
14	+0.000	+2,562.034	+0.000	+16,506.143	+0.000	+0.000
15	+0.000	+2,783.318	+0.000	+17,931.786	+0.000	+0.000
16	+0.000	+2,898.437	+0.000	+18,673.450	+0.000	+0.000
17	+0.000	+3,005.882	+0.000	+19,365.669	+0.000	+0.000
18	+0.000	+3,022.510	+0.000	+19,472.799	+0.000	+0.000
19	+0.000	+3,039.138	+0.000	+19,579.928	+0.000	+0.000
20	+0.000	+3,017.394	+0.000	+19,439.836	+0.000	+0.000
21	+0.000	+2,949.601	+0.000	+19,003.078	+0.000	+0.000
22	+0.000	+2,909.949	+0.000	+18,747.616	+0.000	+0.000
23	+0.000	+2,897.158	+0.000	+18,665.209	+0.000	+0.000
24	+0.000	+2,890.763	+0.000	+18,624.006	+0.000	+0.000
25	+0.000	+2,911.228	+0.000	+18,755.857	+0.000	+0.000
26	+0.000	+2,907.391	+0.000	+18,731.135	+0.000	+0.000
27	+0.000	+2,898.437	+0.000	+18,673.450	+0.000	+0.000
28	+0.000	+2,898.437	+0.000	+18,673.450	+0.000	+0.000
29	+0.000	+2,907.391	+0.000	+18,731.135	+0.000	+0.000
30	+0.000	+2,934.252	+0.000	+18,904.190	+0.000	+0.000
31	+0.000	+2,952.159	+0.000	+19,019.560	+0.000	+0.000
32	+0.000	+3,037.859	+0.000	+19,571.687	+0.000	+0.000
33	+0.000	+3,067.278	+0.000	+19,761.224	+0.000	+0.000
34	+0.000	+3,213.096	+0.000	+20,700.665	+0.000	+0.000
35	+0.000	+3,349.959	+0.000	+21,582.421	+0.000	+0.000
36	+0.000	+3,387.053	+0.000	+21,821.401	+0.000	+0.000
37	+0.000	+3,378.099	+0.000	+21,763.716	+0.000	+0.000
38	+0.000	+3,303.912	+0.000	+21,285.755	+0.000	+0.000
39	+0.000	+3,216.933	+0.000	+20,725.387	+0.000	+0.000
40	+0.000	+3,126.117	+0.000	+20,140.296	+0.000	+0.000
41	+0.000	+3,060.883	+0.000	+19,720.020	+0.000	+0.000
42	+0.000	+2,911.228	+0.000	+18,755.857	+0.000	+0.000

43	+.000	+2,778.202	+.000	+17,898.823	+.000	+.000
44	+.000	+2,614.477	+.000	+16,844.012	+.000	+.000
45	+.000	+2,454.590	+.000	+15,813.923	+.000	+.000
46	+.000	+2,301.098	+.000	+14,825.038	+.000	+.000
47	+.000	+2,209.003	+.000	+14,231.707	+.000	+.000
48	+.000	+2,123.304	+.000	+13,679.579	+.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 BSUsOs charges(£)
01	+64.114	+1,242.400	-1,268.954	+0.000	+0.000	+67,351.827
02	+64.816	+1,256.000	-1,282.844	+0.000	+0.000	+60,365.752
03	+64.527	+1,250.400	-1,277.125	+0.000	+0.000	+65,868.070
04	+62.793	+1,216.800	-1,242.807	+0.000	+0.000	+56,003.238
05	+62.669	+1,214.400	-1,240.355	+0.000	+0.000	+60,046.717
06	+61.885	+1,199.200	-1,224.830	+0.000	+0.000	+57,618.771
07	+61.761	+1,196.800	-1,222.379	+0.000	+0.000	+61,134.740
08	+61.224	+1,186.400	-1,211.757	+0.000	+0.000	+62,632.627
09	+62.257	+1,206.400	-1,232.184	+0.000	+0.000	+68,460.554
10	+62.917	+1,219.200	-1,245.258	+0.000	+0.000	+67,048.089
11	+65.972	+1,278.400	-1,305.723	+0.000	+0.000	+48,569.620
12	+68.036	+1,318.400	-1,346.578	+0.000	+0.000	+38,550.455
13	+75.839	+1,469.600	-1,501.010	+0.000	+0.000	+64,249.301
14	+82.692	+1,602.400	-1,636.648	+0.000	+0.000	+60,702.380
15	+89.834	+1,740.800	-1,778.006	+0.000	+0.000	+86,258.130
16	+93.550	+1,812.800	-1,851.545	+0.000	+0.000	+89,260.827
17	+97.018	+1,880.000	-1,920.181	+0.000	+0.000	+57,896.132
18	+97.555	+1,890.400	-1,930.803	+0.000	+0.000	+55,644.766
19	+98.091	+1,900.800	-1,941.426	+0.000	+0.000	+45,790.189
20	+97.389	+1,887.200	-1,927.535	+0.000	+0.000	+40,466.764
21	+95.201	+1,844.800	-1,884.229	+0.000	+0.000	+60,437.509
22	+93.922	+1,820.000	-1,858.899	+0.000	+0.000	+58,955.960
23	+93.509	+1,812.000	-1,850.728	+0.000	+0.000	+51,861.427
24	+93.302	+1,808.000	-1,846.642	+0.000	+0.000	+52,626.535
25	+93.963	+1,820.800	-1,859.716	+0.000	+0.000	+55,125.650
26	+93.839	+1,818.400	-1,857.264	+0.000	+0.000	+52,671.109
27	+93.550	+1,812.800	-1,851.545	+0.000	+0.000	+60,699.787
28	+93.550	+1,812.800	-1,851.545	+0.000	+0.000	+62,119.547
29	+93.839	+1,818.400	-1,857.264	+0.000	+0.000	+62,172.349
30	+94.706	+1,835.200	-1,874.424	+0.000	+0.000	+65,538.455
31	+95.284	+1,846.400	-1,885.863	+0.000	+0.000	+73,301.549
32	+98.050	+1,900.000	-1,940.608	+0.000	+0.000	+80,894.479
33	+99.000	+1,918.400	-1,959.402	+0.000	+0.000	+106,535.466
34	+103.706	+2,009.600	-2,052.551	+0.000	+0.000	+120,027.419
35	+108.123	+2,095.200	-2,139.980	+0.000	+0.000	+56,563.441
36	+109.321	+2,118.400	-2,163.676	+0.000	+0.000	+63,335.509
37	+109.032	+2,112.800	-2,157.957	+0.000	+0.000	+63,654.517
38	+106.637	+2,066.400	-2,110.565	+0.000	+0.000	+58,052.250
39	+103.830	+2,012.000	-2,055.002	+0.000	+0.000	+65,220.740
40	+100.899	+1,955.200	-1,996.988	+0.000	+0.000	+52,532.199
41	+98.793	+1,914.400	-1,955.316	+0.000	+0.000	+53,698.864
42	+93.963	+1,820.800	-1,859.716	+0.000	+0.000	+34,989.230



43	+89.669	+1,737.600	-1,774.738	+.000	+.000	+50,715.729
44	+84.385	+1,635.200	-1,670.149	+.000	+.000	+43,497.572
45	+79.224	+1,535.200	-1,568.012	+.000	+.000	+37,333.615
46	+74.270	+1,439.200	-1,469.960	+.000	+.000	+26,590.580
47	+71.298	+1,381.600	-1,411.129	+.000	+.000	+37,131.328
48	+68.532	+1,328.000	-1,356.383	+.000	+.000	+38,926.949