

Date: 25/11/2019

Settlement Day:31/10/2019

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: 214

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+329,944.400	+356,603,267.250
Balancing Services Contract Cost	+807,512.596	+189,601,018.387
Balancing Services Cost Variable	+734,073.420	+89,729,945.805
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	+127,726.796	+24,896,301.804
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+176,351,202.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+883,481.880
ESO Incentive Recovery t-1	+80,000.000	+1,840,000.000
ALoMCP Recovery	-81,709.830	-1,879,326.090
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+176,351,202.560
Total External Costs	+2,001,675.802	+668,674,689.036
Total Adjusted Energy Volume (MWh)	+1,547,658.573	

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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	+24,787.800	+35,610.719	+1.43662
02	+25,217.833	+40,307.516	+1.59837
03	+25,618.125	+41,326.315	+1.61317
04	+25,279.112	+41,947.835	+1.65939
05	+25,185.674	+47,718.541	+1.89467
06	+25,163.346	+46,051.604	+1.83011
07	+25,019.031	+49,299.388	+1.97048
08	+24,806.182	+45,611.426	+1.83871
09	+24,776.178	+45,648.132	+1.84242
10	+24,741.704	+48,404.507	+1.95639
11	+24,810.411	+63,234.006	+2.54869
12	+25,953.726	+62,020.476	+2.38966
13	+28,567.958	+81,892.178	+2.86657
14	+31,023.123	+66,687.017	+2.14959
15	+33,173.447	+67,340.323	+2.02995
16	+34,456.224	+72,590.638	+2.10675
17	+35,632.266	+62,553.642	+1.75553
18	+35,946.053	+62,422.065	+1.73655
19	+35,966.193	+50,826.052	+1.41316
20	+35,877.034	+52,962.669	+1.47623
21	+35,516.907	+54,294.471	+1.52869
22	+35,330.548	+49,682.334	+1.40621
23	+35,212.758	+56,559.765	+1.60623
24	+35,116.368	+61,373.752	+1.74772
25	+35,080.534	+61,939.367	+1.76563
26	+35,028.845	+62,179.018	+1.77508
27	+35,093.766	+59,549.784	+1.69688
28	+35,100.718	+61,484.994	+1.75167
29	+35,187.404	+74,225.058	+2.10942
30	+35,488.509	+74,313.696	+2.09402
31	+35,918.475	+67,679.441	+1.88425
32	+36,656.286	+78,841.103	+2.15082
33	+37,699.071	+65,203.009	+1.72957
34	+39,138.056	+82,712.197	+2.11334
35	+39,697.443	+61,767.189	+1.55595
36	+39,190.144	+54,173.289	+1.38232
37	+38,783.257	+52,287.239	+1.34819
38	+38,107.146	+49,118.069	+1.28895
39	+37,955.480	+69,718.656	+1.83685
40	+37,225.942	+63,849.473	+1.71519
41	+36,230.661	+56,704.326	+1.56509
42	+34,788.268	+39,438.758	+1.13368

43	+33,749.561	+61,502.230	+1.82231
44	+31,715.168	+61,159.558	+1.92840
45	+29,804.844	+72,070.751	+2.41809
46	+27,894.104	+67,058.467	+2.40404
47	+25,072.173	+54,111.580	+2.15823
48	+23,874.717	+68,294.219	+2.86052

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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	+0.01602	+6,721.82	+12,936.352	+666.000	+0.000	+0.000
02	+0.01629	+10,942.95	+13,154.380	+666.000	+0.000	+0.000
03	+0.01655	+11,503.70	+13,364.333	+666.000	+0.000	+0.000
04	+0.01633	+12,512.80	+13,186.681	+666.000	+0.000	+0.000
05	+0.01627	+18,389.21	+13,138.230	+666.000	+0.000	+0.000
06	+0.01626	+16,739.89	+13,130.155	+666.000	+0.000	+0.000
07	+0.01617	+20,146.23	+13,057.479	+666.000	+0.000	+0.000
08	+0.01603	+16,704.91	+12,944.427	+666.000	+0.000	+0.000
09	+0.01601	+16,776.85	+12,928.277	+666.000	+0.000	+0.000
10	+0.01599	+19,568.46	+12,912.126	+666.000	+0.000	+0.000
11	+0.01603	+24,567.99	+12,944.427	+10,425.500	+0.000	+0.000
12	+0.01677	+22,050.78	+13,541.986	+10,425.500	+0.000	+0.000
13	+0.01846	+12,008.33	+14,906.683	+37,362.330	+0.000	+0.000
14	+0.02005	-5,331.98	+16,190.628	+36,696.330	+0.000	+0.000
15	+0.02143	-22,093.18	+17,304.995	+51,679.650	+0.000	+0.000
16	+0.02226	-18,305.10	+17,975.230	+51,679.650	+0.000	+0.000
17	+0.02302	+1,634.56	+18,588.940	+20,364.080	+0.000	+0.000
18	+0.02323	+1,133.02	+18,758.518	+20,364.080	+0.000	+0.000
19	+0.02324	-66.61	+18,766.593	+9,950.080	+0.000	+0.000
20	+0.02318	+2,175.71	+18,718.142	+9,950.080	+0.000	+0.000
21	+0.02295	-5,448.54	+18,532.414	+19,311.330	+0.000	+0.000
22	+0.02283	-9,849.27	+18,435.513	+19,311.330	+0.000	+0.000
23	+0.02275	-13,083.08	+18,370.912	+29,563.510	+0.000	+0.000
24	+0.02269	-8,163.39	+18,322.461	+29,563.510	+0.000	+0.000
25	+0.02267	-8,578.36	+18,306.311	+30,579.330	+0.000	+0.000
26	+0.02263	-8,268.24	+18,274.010	+30,579.330	+0.000	+0.000
27	+0.02268	-7,770.23	+18,314.386	+27,364.000	+0.000	+0.000
28	+0.02268	-5,835.02	+18,314.386	+27,364.000	+0.000	+0.000
29	+0.02274	-7,333.45	+18,362.836	+41,496.790	+0.000	+0.000
30	+0.02293	-7,579.54	+18,516.264	+41,496.790	+0.000	+0.000
31	+0.02321	-7,091.29	+18,742.367	+33,881.000	+0.000	+0.000
32	+0.02368	+3,242.36	+19,121.898	+33,881.000	+0.000	+0.000
33	+0.02436	+4,684.46	+19,671.007	+17,602.830	+0.000	+0.000
34	+0.02529	+20,555.24	+20,421.994	+17,602.830	+0.000	+0.000
35	+0.02565	+13,550.51	+20,712.698	+3,028.330	+0.000	+0.000
36	+0.02532	+6,537.98	+20,446.219	+3,028.330	+0.000	+0.000
37	+0.02506	+5,109.98	+20,236.266	+3,028.330	+0.000	+0.000
38	+0.02462	+2,715.97	+19,880.960	+3,028.330	+0.000	+0.000
39	+0.02452	+23,492.73	+19,800.209	+3,028.330	+0.000	+0.000
40	+0.02405	+18,451.56	+19,420.678	+3,028.330	+0.000	+0.000
41	+0.02341	+12,433.92	+18,903.870	+3,028.330	+0.000	+0.000
42	+0.02248	-164.91	+18,152.883	+0.000	+0.000	+0.000

43	+0.02181	+13,700.42	+17,611.850	+9,378.500	+.000	+.000
44	+0.02049	+15,683.23	+16,545.933	+9,378.500	+.000	+.000
45	+0.01926	+20,878.85	+15,552.693	+17,261.000	+.000	+.000
46	+0.01802	+17,364.86	+14,551.377	+17,947.250	+.000	+.000
47	+0.01620	+28,694.07	+13,081.704	-3,122.500	+.000	+.000
48	+0.01543	+44,233.24	+12,459.919	-3,122.500	+.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	+2,046.183	+0.000	+13,201.618	+0.000	+0.000
02	+0.000	+2,080.670	+0.000	+13,424.117	+0.000	+0.000
03	+0.000	+2,113.878	+0.000	+13,638.376	+0.000	+0.000
04	+0.000	+2,085.779	+0.000	+13,457.080	+0.000	+0.000
05	+0.000	+2,078.115	+0.000	+13,407.636	+0.000	+0.000
06	+0.000	+2,076.838	+0.000	+13,399.395	+0.000	+0.000
07	+0.000	+2,065.342	+0.000	+13,325.229	+0.000	+0.000
08	+0.000	+2,047.461	+0.000	+13,209.859	+0.000	+0.000
09	+0.000	+2,044.906	+0.000	+13,193.377	+0.000	+0.000
10	+0.000	+2,042.351	+0.000	+13,176.896	+0.000	+0.000
11	+0.000	+2,047.461	+0.000	+13,209.859	+0.000	+0.000
12	+0.000	+2,141.978	+0.000	+13,819.671	+0.000	+0.000
13	+0.000	+2,357.837	+0.000	+15,212.351	+0.000	+0.000
14	+0.000	+2,560.922	+0.000	+16,522.624	+0.000	+0.000
15	+0.000	+2,737.185	+0.000	+17,659.842	+0.000	+0.000
16	+0.000	+2,843.198	+0.000	+18,343.821	+0.000	+0.000
17	+0.000	+2,940.271	+0.000	+18,970.115	+0.000	+0.000
18	+0.000	+2,967.093	+0.000	+19,143.170	+0.000	+0.000
19	+0.000	+2,968.371	+0.000	+19,151.411	+0.000	+0.000
20	+0.000	+2,960.707	+0.000	+19,101.967	+0.000	+0.000
21	+0.000	+2,931.330	+0.000	+18,912.430	+0.000	+0.000
22	+0.000	+2,916.003	+0.000	+18,813.542	+0.000	+0.000
23	+0.000	+2,905.785	+0.000	+18,747.616	+0.000	+0.000
24	+0.000	+2,898.121	+0.000	+18,698.172	+0.000	+0.000
25	+0.000	+2,895.566	+0.000	+18,681.690	+0.000	+0.000
26	+0.000	+2,890.457	+0.000	+18,648.728	+0.000	+0.000
27	+0.000	+2,896.844	+0.000	+18,689.931	+0.000	+0.000
28	+0.000	+2,896.844	+0.000	+18,689.931	+0.000	+0.000
29	+0.000	+2,904.507	+0.000	+18,739.375	+0.000	+0.000
30	+0.000	+2,928.775	+0.000	+18,895.949	+0.000	+0.000
31	+0.000	+2,964.539	+0.000	+19,126.689	+0.000	+0.000
32	+0.000	+3,024.571	+0.000	+19,514.002	+0.000	+0.000
33	+0.000	+3,111.425	+0.000	+20,074.371	+0.000	+0.000
34	+0.000	+3,230.211	+0.000	+20,840.757	+0.000	+0.000
35	+0.000	+3,276.192	+0.000	+21,137.422	+0.000	+0.000
36	+0.000	+3,234.042	+0.000	+20,865.479	+0.000	+0.000
37	+0.000	+3,200.834	+0.000	+20,651.220	+0.000	+0.000
38	+0.000	+3,144.634	+0.000	+20,288.629	+0.000	+0.000
39	+0.000	+3,131.861	+0.000	+20,206.222	+0.000	+0.000
40	+0.000	+3,071.829	+0.000	+19,818.909	+0.000	+0.000
41	+0.000	+2,990.084	+0.000	+19,291.503	+0.000	+0.000
42	+0.000	+2,871.298	+0.000	+18,525.117	+0.000	+0.000

43	+.000	+2,785.721	+.000	+17,972.989	+.000	+.000
44	+.000	+2,617.122	+.000	+16,885.216	+.000	+.000
45	+.000	+2,460.018	+.000	+15,871.608	+.000	+.000
46	+.000	+2,301.637	+.000	+14,849.760	+.000	+.000
47	+.000	+2,069.174	+.000	+13,349.951	+.000	+.000
48	+.000	+1,970.824	+.000	+12,715.416	+.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	+66.137	+1,281.600	-1,308.991	+0.000	+0.000	+35,610.719
02	+67.252	+1,303.200	-1,331.053	+0.000	+0.000	+40,307.516
03	+68.325	+1,324.000	-1,352.298	+0.000	+0.000	+41,326.315
04	+67.417	+1,306.400	-1,334.322	+0.000	+0.000	+41,947.835
05	+67.169	+1,301.600	-1,329.419	+0.000	+0.000	+47,718.541
06	+67.128	+1,300.800	-1,328.602	+0.000	+0.000	+46,051.604
07	+66.757	+1,293.600	-1,321.248	+0.000	+0.000	+49,299.388
08	+66.179	+1,282.400	-1,309.809	+0.000	+0.000	+45,611.426
09	+66.096	+1,280.800	-1,308.174	+0.000	+0.000	+45,648.132
10	+66.013	+1,279.200	-1,306.540	+0.000	+0.000	+48,404.507
11	+66.179	+1,282.400	-1,309.809	+0.000	+0.000	+63,234.006
12	+69.234	+1,341.600	-1,370.274	+0.000	+0.000	+62,020.476
13	+76.211	+1,476.800	-1,508.363	+0.000	+0.000	+81,892.178
14	+82.775	+1,604.000	-1,638.282	+0.000	+0.000	+66,687.017
15	+88.472	+1,714.400	-1,751.042	+0.000	+0.000	+67,340.323
16	+91.899	+1,780.800	-1,818.861	+0.000	+0.000	+72,590.638
17	+95.036	+1,841.600	-1,880.960	+0.000	+0.000	+62,553.642
18	+95.903	+1,858.400	-1,898.119	+0.000	+0.000	+62,422.065
19	+95.944	+1,859.200	-1,898.936	+0.000	+0.000	+50,826.052
20	+95.697	+1,854.400	-1,894.034	+0.000	+0.000	+52,962.669
21	+94.747	+1,836.000	-1,875.241	+0.000	+0.000	+54,294.471
22	+94.252	+1,826.400	-1,865.435	+0.000	+0.000	+49,682.334
23	+93.922	+1,820.000	-1,858.899	+0.000	+0.000	+56,559.765
24	+93.674	+1,815.200	-1,853.996	+0.000	+0.000	+61,373.752
25	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+61,939.367
26	+93.426	+1,810.400	-1,849.093	+0.000	+0.000	+62,179.018
27	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+59,549.784
28	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+61,484.994
29	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+74,225.058
30	+94.665	+1,834.400	-1,873.606	+0.000	+0.000	+74,313.696
31	+95.821	+1,856.800	-1,896.485	+0.000	+0.000	+67,679.441
32	+97.761	+1,894.400	-1,934.889	+0.000	+0.000	+78,841.103
33	+100.568	+1,948.800	-1,990.451	+0.000	+0.000	+65,203.009
34	+104.408	+2,023.200	-2,066.442	+0.000	+0.000	+82,712.197
35	+105.894	+2,052.000	-2,095.857	+0.000	+0.000	+61,767.189
36	+104.532	+2,025.600	-2,068.893	+0.000	+0.000	+54,173.289
37	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+52,287.239
38	+101.642	+1,969.600	-2,011.696	+0.000	+0.000	+49,118.069
39	+101.229	+1,961.600	-2,003.525	+0.000	+0.000	+69,718.656
40	+99.289	+1,924.000	-1,965.121	+0.000	+0.000	+63,849.473
41	+96.646	+1,872.800	-1,912.827	+0.000	+0.000	+56,704.326
42	+92.807	+1,798.400	-1,836.837	+0.000	+0.000	+39,438.758

43	+90.041	+1,744.800	-1,782.091	+.000	+.000	+61,502.230
44	+84.591	+1,639.200	-1,674.234	+.000	+.000	+61,159.558
45	+79.513	+1,540.800	-1,573.731	+.000	+.000	+72,070.751
46	+74.394	+1,441.600	-1,472.411	+.000	+.000	+67,058.467
47	+66.880	+1,296.000	-1,323.699	+.000	+.000	+54,111.580
48	+63.702	+1,234.400	-1,260.783	+.000	+.000	+68,294.219