

Date: 28/11/2019

Settlement Day:05/11/2019

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: 219

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,341,128.400	+367,815,360.750
Balancing Services Contract Cost	+880,368.850	+193,353,848.318
Balancing Services Cost Variable	+606,070.430	+91,819,871.595
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	+125,235.496	+25,522,479.284
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+180,471,557.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+904,123.980
ESO Incentive Recovery t-1	+80,000.000	+2,240,000.000
ALoMCP Recovery	-81,709.830	-2,287,875.240
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+180,471,557.760
Total External Costs	+3,955,221.766	+686,367,808.687
Total Adjusted Energy Volume (MWh)	+1,494,100.081	

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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	+21,758.113	+219,664.998	+10.09577
02	+21,744.000	+217,455.437	+10.00071
03	+21,782.735	+213,961.010	+9.82250
04	+21,711.586	+194,498.345	+8.95827
05	+21,685.499	+180,670.494	+8.33140
06	+21,482.662	+175,274.711	+8.15889
07	+21,371.751	+186,249.054	+8.71473
08	+21,053.168	+168,328.294	+7.99539
09	+21,275.200	+164,805.818	+7.74638
10	+20,875.815	+155,695.663	+7.45818
11	+21,169.476	+151,695.502	+7.16577
12	+22,667.887	+115,650.436	+5.10195
13	+26,838.162	+104,766.618	+3.90364
14	+29,883.801	+80,700.490	+2.70048
15	+32,838.791	+77,171.136	+2.35000
16	+34,098.103	+88,173.365	+2.58587
17	+34,806.649	+80,885.070	+2.32384
18	+34,856.870	+90,220.132	+2.58830
19	+34,793.830	+78,178.269	+2.24690
20	+34,770.691	+70,112.677	+2.01643
21	+34,880.987	+73,219.214	+2.09912
22	+34,784.315	+69,333.788	+1.99325
23	+34,895.122	+64,159.215	+1.83863
24	+34,849.378	+60,513.672	+1.73643
25	+34,987.947	+66,762.221	+1.90815
26	+35,118.474	+61,248.148	+1.74404
27	+35,075.384	+56,945.307	+1.62351
28	+35,142.469	+53,657.970	+1.52687
29	+35,429.729	+59,534.838	+1.68036
30	+35,490.221	+64,639.112	+1.82132
31	+35,888.001	+68,463.397	+1.90770
32	+36,931.217	+78,283.953	+2.11972
33	+37,464.020	+91,870.046	+2.45222
34	+38,902.672	+104,642.757	+2.68986
35	+39,603.701	+81,884.191	+2.06759
36	+39,522.144	+80,447.806	+2.03551
37	+39,246.590	+79,745.809	+2.03192
38	+38,577.947	+79,979.226	+2.07319
39	+37,863.875	+78,690.941	+2.07826
40	+36,742.547	+75,420.591	+2.05268
41	+35,765.701	+79,132.680	+2.21253
42	+34,545.333	+65,574.133	+1.89821

43	+32,950.324	+68,661.752	+2.08380
44	+31,004.018	+66,219.230	+2.13583
45	+29,146.439	+63,617.043	+2.18267
46	+27,216.603	+53,729.712	+1.97415
47	+25,780.640	+59,541.651	+2.30955
48	+24,829.494	+59,180.242	+2.38347

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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	+0.01456	+168,433.99	+12,818.170	+24,555.720	+0.000	+0.000
02	+0.01455	+166,242.75	+12,809.367	+24,555.720	+0.000	+0.000
03	+0.01458	+162,757.61	+12,835.778	+24,491.470	+0.000	+0.000
04	+0.01453	+143,386.55	+12,791.759	+24,491.470	+0.000	+0.000
05	+0.01451	+129,406.09	+12,774.152	+24,680.720	+0.000	+0.000
06	+0.01438	+124,248.48	+12,659.704	+24,680.720	+0.000	+0.000
07	+0.01430	+135,144.29	+12,589.275	+24,905.820	+0.000	+0.000
08	+0.01409	+117,608.27	+12,404.397	+24,905.820	+0.000	+0.000
09	+0.01424	+112,919.08	+12,536.452	+25,797.720	+0.000	+0.000
10	+0.01397	+104,303.59	+12,298.753	+25,797.720	+0.000	+0.000
11	+0.01417	+101,326.01	+12,474.827	+24,408.720	+0.000	+0.000
12	+0.01517	+63,448.85	+13,355.195	+24,408.720	+0.000	+0.000
13	+0.01796	+38,085.51	+15,811.425	+33,776.700	+0.000	+0.000
14	+0.02000	+10,281.91	+17,607.377	+33,776.700	+0.000	+0.000
15	+0.02198	+10,428.76	+19,350.507	+26,472.950	+0.000	+0.000
16	+0.02282	+19,892.03	+20,090.017	+26,472.950	+0.000	+0.000
17	+0.02330	+28,561.38	+20,512.594	+9,635.900	+0.000	+0.000
18	+0.02333	+37,841.48	+20,539.005	+9,635.900	+0.000	+0.000
19	+0.02329	+29,332.10	+20,503.791	+6,176.700	+0.000	+0.000
20	+0.02327	+21,303.15	+20,486.183	+6,176.700	+0.000	+0.000
21	+0.02335	+24,263.12	+20,556.613	+6,176.700	+0.000	+0.000
22	+0.02328	+20,505.94	+20,494.987	+6,176.700	+0.000	+0.000
23	+0.02336	+15,184.80	+20,565.416	+6,176.700	+0.000	+0.000
24	+0.02332	+11,612.54	+20,530.202	+6,176.700	+0.000	+0.000
25	+0.02342	+18,539.81	+20,618.238	+5,314.770	+0.000	+0.000
26	+0.02350	+12,879.17	+20,688.668	+5,314.770	+0.000	+0.000
27	+0.02348	+13,927.74	+20,671.061	+0.000	+0.000	+0.000
28	+0.02352	+10,567.12	+20,706.275	+0.000	+0.000	+0.000
29	+0.02371	+16,095.89	+20,873.545	+0.000	+0.000	+0.000
30	+0.02375	+21,126.88	+20,908.760	+0.000	+0.000	+0.000
31	+0.02402	+12,214.59	+21,146.460	+12,241.910	+0.000	+0.000
32	+0.02472	+20,752.68	+21,762.718	+12,241.910	+0.000	+0.000
33	+0.02507	+17,132.18	+22,070.847	+28,807.270	+0.000	+0.000
34	+0.02604	+28,127.76	+22,924.805	+28,807.270	+0.000	+0.000
35	+0.02651	+28,000.61	+23,338.578	+5,314.770	+0.000	+0.000
36	+0.02645	+26,674.15	+23,285.756	+5,314.770	+0.000	+0.000
37	+0.02627	+26,301.93	+23,127.290	+5,314.770	+0.000	+0.000
38	+0.02582	+27,359.79	+22,731.124	+5,314.770	+0.000	+0.000
39	+0.02534	+26,950.91	+22,308.547	+5,314.770	+0.000	+0.000
40	+0.02459	+25,054.63	+21,648.270	+5,314.770	+0.000	+0.000
41	+0.02394	+29,957.58	+21,076.030	+5,314.770	+0.000	+0.000
42	+0.02312	+23,216.12	+20,354.128	+0.000	+0.000	+0.000

43	+0.02205	+28,264.08	+19,412.133	+.000	+.000	+.000
44	+0.02075	+28,203.28	+18,267.654	+.000	+.000	+.000
45	+0.01951	+27,872.89	+17,175.996	+.000	+.000	+.000
46	+0.01822	+19,806.46	+16,040.320	+542.500	+.000	+.000
47	+0.01725	+27,395.53	+15,186.363	+542.500	+.000	+.000
48	+0.01662	+28,188.34	+14,631.730	+542.500	+.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	+1,823.429	+0.000	+11,998.474	+0.000	+0.000
02	+0.000	+1,822.176	+0.000	+11,990.234	+0.000	+0.000
03	+0.000	+1,825.934	+0.000	+12,014.956	+0.000	+0.000
04	+0.000	+1,819.672	+0.000	+11,973.752	+0.000	+0.000
05	+0.000	+1,817.167	+0.000	+11,957.271	+0.000	+0.000
06	+0.000	+1,800.886	+0.000	+11,850.142	+0.000	+0.000
07	+0.000	+1,790.868	+0.000	+11,784.216	+0.000	+0.000
08	+0.000	+1,764.568	+0.000	+11,611.161	+0.000	+0.000
09	+0.000	+1,783.353	+0.000	+11,734.772	+0.000	+0.000
10	+0.000	+1,749.540	+0.000	+11,512.272	+0.000	+0.000
11	+0.000	+1,774.587	+0.000	+11,677.087	+0.000	+0.000
12	+0.000	+1,899.822	+0.000	+12,501.158	+0.000	+0.000
13	+0.000	+2,249.230	+0.000	+14,800.316	+0.000	+0.000
14	+0.000	+2,504.710	+0.000	+16,481.421	+0.000	+0.000
15	+0.000	+2,752.676	+0.000	+18,113.081	+0.000	+0.000
16	+0.000	+2,857.874	+0.000	+18,805.301	+0.000	+0.000
17	+0.000	+2,917.987	+0.000	+19,200.855	+0.000	+0.000
18	+0.000	+2,921.744	+0.000	+19,225.577	+0.000	+0.000
19	+0.000	+2,916.735	+0.000	+19,192.615	+0.000	+0.000
20	+0.000	+2,914.230	+0.000	+19,176.133	+0.000	+0.000
21	+0.000	+2,924.249	+0.000	+19,242.059	+0.000	+0.000
22	+0.000	+2,915.482	+0.000	+19,184.374	+0.000	+0.000
23	+0.000	+2,925.501	+0.000	+19,250.299	+0.000	+0.000
24	+0.000	+2,920.492	+0.000	+19,217.337	+0.000	+0.000
25	+0.000	+2,933.015	+0.000	+19,299.744	+0.000	+0.000
26	+0.000	+2,943.034	+0.000	+19,365.669	+0.000	+0.000
27	+0.000	+2,940.529	+0.000	+19,349.188	+0.000	+0.000
28	+0.000	+2,945.539	+0.000	+19,382.151	+0.000	+0.000
29	+0.000	+2,969.334	+0.000	+19,538.724	+0.000	+0.000
30	+0.000	+2,974.343	+0.000	+19,571.687	+0.000	+0.000
31	+0.000	+3,008.157	+0.000	+19,794.186	+0.000	+0.000
32	+0.000	+3,095.821	+0.000	+20,371.036	+0.000	+0.000
33	+0.000	+3,139.654	+0.000	+20,659.461	+0.000	+0.000
34	+0.000	+3,261.132	+0.000	+21,458.810	+0.000	+0.000
35	+0.000	+3,319.993	+0.000	+21,846.123	+0.000	+0.000
36	+0.000	+3,312.479	+0.000	+21,796.679	+0.000	+0.000
37	+0.000	+3,289.936	+0.000	+21,648.346	+0.000	+0.000
38	+0.000	+3,233.581	+0.000	+21,277.514	+0.000	+0.000
39	+0.000	+3,173.467	+0.000	+20,881.960	+0.000	+0.000
40	+0.000	+3,079.541	+0.000	+20,263.907	+0.000	+0.000
41	+0.000	+2,998.138	+0.000	+19,728.261	+0.000	+0.000
42	+0.000	+2,895.445	+0.000	+19,052.522	+0.000	+0.000

43	+.000	+2,761.443	+.000	+18,170.766	+.000	+.000
44	+.000	+2,598.637	+.000	+17,099.474	+.000	+.000
45	+.000	+2,443.345	+.000	+16,077.626	+.000	+.000
46	+.000	+2,281.791	+.000	+15,014.574	+.000	+.000
47	+.000	+2,160.312	+.000	+14,215.225	+.000	+.000
48	+.000	+2,081.414	+.000	+13,696.061	+.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	+60.110	+1,164.800	-1,189.695	+0.000	+0.000	+219,664.998
02	+60.069	+1,164.000	-1,188.878	+0.000	+0.000	+217,455.437
03	+60.192	+1,166.400	-1,191.329	+0.000	+0.000	+213,961.010
04	+59.986	+1,162.400	-1,187.244	+0.000	+0.000	+194,498.345
05	+59.903	+1,160.800	-1,185.610	+0.000	+0.000	+180,670.494
06	+59.367	+1,150.400	-1,174.987	+0.000	+0.000	+175,274.711
07	+59.036	+1,144.000	-1,168.451	+0.000	+0.000	+186,249.054
08	+58.169	+1,127.200	-1,151.292	+0.000	+0.000	+168,328.294
09	+58.789	+1,139.200	-1,163.548	+0.000	+0.000	+164,805.818
10	+57.674	+1,117.600	-1,141.486	+0.000	+0.000	+155,695.663
11	+58.500	+1,133.600	-1,157.828	+0.000	+0.000	+151,695.502
12	+62.628	+1,213.600	-1,239.538	+0.000	+0.000	+115,650.436
13	+74.146	+1,436.800	-1,467.509	+0.000	+0.000	+104,766.618
14	+82.568	+1,600.000	-1,634.197	+0.000	+0.000	+80,700.490
15	+90.743	+1,758.400	-1,795.982	+0.000	+0.000	+77,171.136
16	+94.211	+1,825.600	-1,864.618	+0.000	+0.000	+88,173.365
17	+96.192	+1,864.000	-1,903.839	+0.000	+0.000	+80,885.070
18	+96.316	+1,866.400	-1,906.290	+0.000	+0.000	+90,220.132
19	+96.151	+1,863.200	-1,903.022	+0.000	+0.000	+78,178.269
20	+96.068	+1,861.600	-1,901.388	+0.000	+0.000	+70,112.677
21	+96.399	+1,868.000	-1,907.925	+0.000	+0.000	+73,219.214
22	+96.110	+1,862.400	-1,902.205	+0.000	+0.000	+69,333.788
23	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+64,159.215
24	+96.275	+1,865.600	-1,905.473	+0.000	+0.000	+60,513.672
25	+96.688	+1,873.600	-1,913.644	+0.000	+0.000	+66,762.221
26	+97.018	+1,880.000	-1,920.181	+0.000	+0.000	+61,248.148
27	+96.935	+1,878.400	-1,918.547	+0.000	+0.000	+56,945.307
28	+97.100	+1,881.600	-1,921.815	+0.000	+0.000	+53,657.970
29	+97.885	+1,896.800	-1,937.340	+0.000	+0.000	+59,534.838
30	+98.050	+1,900.000	-1,940.608	+0.000	+0.000	+64,639.112
31	+99.165	+1,921.600	-1,962.670	+0.000	+0.000	+68,463.397
32	+102.055	+1,977.600	-2,019.867	+0.000	+0.000	+78,283.953
33	+103.499	+2,005.600	-2,048.465	+0.000	+0.000	+91,870.046
34	+107.504	+2,083.200	-2,127.724	+0.000	+0.000	+104,642.757
35	+109.444	+2,120.800	-2,166.128	+0.000	+0.000	+81,884.191
36	+109.197	+2,116.000	-2,161.225	+0.000	+0.000	+80,447.806
37	+108.454	+2,101.600	-2,146.517	+0.000	+0.000	+79,745.809
38	+106.596	+2,065.600	-2,109.748	+0.000	+0.000	+79,979.226
39	+104.614	+2,027.200	-2,070.527	+0.000	+0.000	+78,690.941
40	+101.518	+1,967.200	-2,009.245	+0.000	+0.000	+75,420.591
41	+98.834	+1,915.200	-1,956.133	+0.000	+0.000	+79,132.680
42	+95.449	+1,849.600	-1,889.131	+0.000	+0.000	+65,574.133



43	+91.032	+1,764.000	-1,801.702	+.000	+.000	+68,661.752
44	+85.665	+1,660.000	-1,695.479	+.000	+.000	+66,219.230
45	+80.545	+1,560.800	-1,594.159	+.000	+.000	+63,617.043
46	+75.220	+1,457.600	-1,488.753	+.000	+.000	+53,729.712
47	+71.215	+1,380.000	-1,409.495	+.000	+.000	+59,541.651
48	+68.614	+1,329.600	-1,358.017	+.000	+.000	+59,180.242