

Date: 18/11/2019

Settlement Day:07/11/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 221

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,610,022.850	+370,560,066.880
Balancing Services Contract Cost	+883,849.472	+162,823,619.499
Balancing Services Cost Variable	+516,620.390	+93,230,932.395
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+27,244,561.594
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+182,119,699.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+912,380.820
ESO Incentive Recovery t-1	+80,000.000	+1,200,000.000
ALoMCP Recovery	-81,709.830	-1,225,647.450
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+182,119,699.840
Total External Costs	+3,136,198.973	+662,327,881.588
Total Adjusted Energy Volume (MWh)	+1,457,971.205	

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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	+22,795.187	+79,450.116	+3.48539
02	+22,938.629	+75,328.199	+3.28390
03	+22,954.293	+71,200.935	+3.10186
04	+22,974.925	+69,614.868	+3.03004
05	+23,355.434	+72,261.411	+3.09399
06	+23,141.929	+67,036.167	+2.89674
07	+22,880.998	+67,453.754	+2.94802
08	+22,512.741	+64,814.237	+2.87900
09	+22,627.623	+70,422.178	+3.11222
10	+22,798.342	+69,888.123	+3.06549
11	+23,213.284	+77,531.558	+3.33997
12	+24,232.746	+72,447.097	+2.98964
13	+27,395.569	+88,789.097	+3.24100
14	+30,181.828	+97,912.344	+3.24408
15	+32,463.634	+93,353.168	+2.87562
16	+33,637.197	+105,562.240	+3.13826
17	+34,107.151	+74,409.900	+2.18165
18	+34,014.707	+79,285.513	+2.33092
19	+34,076.865	+73,835.348	+2.16673
20	+33,934.157	+72,409.505	+2.13382
21	+33,581.975	+62,124.275	+1.84993
22	+33,209.507	+59,299.318	+1.78561
23	+33,291.886	+65,473.899	+1.96666
24	+33,458.549	+75,237.764	+2.24869
25	+33,337.110	+69,234.854	+2.07681
26	+33,224.267	+82,757.334	+2.49087
27	+33,259.094	+89,188.317	+2.68162
28	+33,503.436	+77,884.503	+2.32467
29	+33,410.222	+80,978.616	+2.42377
30	+33,277.953	+77,370.953	+2.32499
31	+33,697.307	+73,400.095	+2.17822
32	+34,795.251	+97,230.521	+2.79436
33	+35,632.066	+90,772.878	+2.54751
34	+37,438.903	+109,488.086	+2.92445
35	+38,094.879	+104,135.578	+2.73358
36	+37,969.603	+99,532.191	+2.62137
37	+37,705.872	+98,057.038	+2.60058
38	+37,234.996	+81,617.728	+2.19196
39	+36,366.349	+85,285.452	+2.34517
40	+35,196.070	+94,063.130	+2.67255
41	+33,642.118	+83,963.900	+2.49580
42	+32,078.688	+78,854.079	+2.45815

43	+30,492.604	+75,954.086	+2.49090
44	+28,832.960	+77,341.878	+2.68241
45	+27,021.137	+92,061.064	+3.40700
46	+25,392.820	+99,042.438	+3.90041
47	+23,861.958	+123,834.740	+5.18963
48	+22,726.386	+113,024.531	+4.97327

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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	+0.01563	+38,814.23	+13,814.567	+11,976.300	+0.000	+0.000
02	+0.01573	+34,508.95	+13,902.952	+11,976.300	+0.000	+0.000
03	+0.01574	+29,955.55	+13,911.791	+12,384.100	+0.000	+0.000
04	+0.01576	+28,332.81	+13,929.468	+12,384.100	+0.000	+0.000
05	+0.01602	+30,390.41	+14,159.269	+12,496.300	+0.000	+0.000
06	+0.01587	+25,440.21	+14,026.691	+12,496.300	+0.000	+0.000
07	+0.01569	+24,570.25	+13,867.598	+14,113.900	+0.000	+0.000
08	+0.01544	+22,389.14	+13,646.636	+14,113.900	+0.000	+0.000
09	+0.01552	+24,794.59	+13,717.344	+17,169.700	+0.000	+0.000
10	+0.01564	+24,040.50	+13,823.406	+17,169.700	+0.000	+0.000
11	+0.01592	+31,170.52	+14,070.884	+17,169.700	+0.000	+0.000
12	+0.01662	+24,802.52	+14,689.578	+17,169.700	+0.000	+0.000
13	+0.01879	+31,798.28	+16,607.532	+22,536.970	+0.000	+0.000
14	+0.02070	+38,084.00	+18,295.684	+21,872.270	+0.000	+0.000
15	+0.02227	+19,932.53	+19,683.328	+32,585.770	+0.000	+0.000
16	+0.02307	+30,674.70	+20,390.407	+32,585.770	+0.000	+0.000
17	+0.02339	+26,154.10	+20,673.239	+5,367.270	+0.000	+0.000
18	+0.02333	+31,139.73	+20,620.208	+5,367.270	+0.000	+0.000
19	+0.02337	+25,616.22	+20,655.562	+5,367.270	+0.000	+0.000
20	+0.02327	+24,373.74	+20,567.177	+5,367.270	+0.000	+0.000
21	+0.02303	+14,528.58	+20,355.053	+5,367.270	+0.000	+0.000
22	+0.02278	+12,162.03	+20,134.091	+5,367.270	+0.000	+0.000
23	+0.02283	+18,244.93	+20,178.283	+5,367.270	+0.000	+0.000
24	+0.02295	+27,788.76	+20,284.345	+5,367.270	+0.000	+0.000
25	+0.02287	+21,932.54	+20,213.637	+5,367.270	+0.000	+0.000
26	+0.02279	+35,601.71	+20,142.929	+5,367.270	+0.000	+0.000
27	+0.02281	+47,363.29	+20,160.606	+0.000	+0.000	+0.000
28	+0.02298	+35,747.76	+20,310.861	+0.000	+0.000	+0.000
29	+0.02292	+15,938.33	+20,257.830	+23,013.560	+0.000	+0.000
30	+0.02282	+12,514.03	+20,169.445	+23,013.560	+0.000	+0.000
31	+0.02311	+13,339.68	+20,425.761	+17,685.300	+0.000	+0.000
32	+0.02387	+35,776.55	+21,097.487	+17,685.300	+0.000	+0.000
33	+0.02444	+40,591.77	+21,601.281	+5,367.270	+0.000	+0.000
34	+0.02568	+57,033.28	+22,697.254	+5,367.270	+0.000	+0.000
35	+0.02613	+50,855.64	+23,094.987	+5,367.270	+0.000	+0.000
36	+0.02604	+46,417.28	+23,015.440	+5,367.270	+0.000	+0.000
37	+0.02586	+45,272.18	+22,856.347	+5,367.270	+0.000	+0.000
38	+0.02554	+29,419.63	+22,573.516	+5,367.270	+0.000	+0.000
39	+0.02494	+34,187.53	+22,043.206	+5,367.270	+0.000	+0.000
40	+0.02414	+44,432.11	+21,336.126	+5,367.270	+0.000	+0.000
41	+0.02307	+36,294.86	+20,390.407	+5,367.270	+0.000	+0.000
42	+0.02200	+38,514.29	+19,444.688	+0.000	+0.000	+0.000

43	+0.02091	+37,612.95	+18,481.292	+ .000	+ .000	+ .000
44	+0.01978	+41,072.74	+17,482.543	+ .000	+ .000	+ .000
45	+0.01853	+58,083.96	+16,377.731	+ .000	+ .000	+ .000
46	+0.01742	+67,100.66	+15,396.658	+ .000	+ .000	+ .000
47	+0.01637	+67,296.39	+14,468.616	+26,521.880	+ .000	+ .000
48	+0.01559	+57,916.41	+13,779.213	+26,521.880	+ .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	+1,926.986	+0.000	+12,880.230	+0.000	+0.000
02	+0.000	+1,939.315	+0.000	+12,962.637	+0.000	+0.000
03	+0.000	+1,940.548	+0.000	+12,970.878	+0.000	+0.000
04	+0.000	+1,943.014	+0.000	+12,987.360	+0.000	+0.000
05	+0.000	+1,975.068	+0.000	+13,201.618	+0.000	+0.000
06	+0.000	+1,956.575	+0.000	+13,078.007	+0.000	+0.000
07	+0.000	+1,934.384	+0.000	+12,929.675	+0.000	+0.000
08	+0.000	+1,903.562	+0.000	+12,723.657	+0.000	+0.000
09	+0.000	+1,913.425	+0.000	+12,789.583	+0.000	+0.000
10	+0.000	+1,928.219	+0.000	+12,888.471	+0.000	+0.000
11	+0.000	+1,962.740	+0.000	+13,119.211	+0.000	+0.000
12	+0.000	+2,049.041	+0.000	+13,696.061	+0.000	+0.000
13	+0.000	+2,316.575	+0.000	+15,484.295	+0.000	+0.000
14	+0.000	+2,552.055	+0.000	+17,058.271	+0.000	+0.000
15	+0.000	+2,745.616	+0.000	+18,352.062	+0.000	+0.000
16	+0.000	+2,844.247	+0.000	+19,011.319	+0.000	+0.000
17	+0.000	+2,883.699	+0.000	+19,275.022	+0.000	+0.000
18	+0.000	+2,876.301	+0.000	+19,225.577	+0.000	+0.000
19	+0.000	+2,881.233	+0.000	+19,258.540	+0.000	+0.000
20	+0.000	+2,868.904	+0.000	+19,176.133	+0.000	+0.000
21	+0.000	+2,839.315	+0.000	+18,978.356	+0.000	+0.000
22	+0.000	+2,808.493	+0.000	+18,772.338	+0.000	+0.000
23	+0.000	+2,814.658	+0.000	+18,813.542	+0.000	+0.000
24	+0.000	+2,829.452	+0.000	+18,912.430	+0.000	+0.000
25	+0.000	+2,819.589	+0.000	+18,846.505	+0.000	+0.000
26	+0.000	+2,809.726	+0.000	+18,780.579	+0.000	+0.000
27	+0.000	+2,812.192	+0.000	+18,797.060	+0.000	+0.000
28	+0.000	+2,833.151	+0.000	+18,937.152	+0.000	+0.000
29	+0.000	+2,825.753	+0.000	+18,887.708	+0.000	+0.000
30	+0.000	+2,813.425	+0.000	+18,805.301	+0.000	+0.000
31	+0.000	+2,849.178	+0.000	+19,044.282	+0.000	+0.000
32	+0.000	+2,942.877	+0.000	+19,670.576	+0.000	+0.000
33	+0.000	+3,013.151	+0.000	+20,140.296	+0.000	+0.000
34	+0.000	+3,166.027	+0.000	+21,162.144	+0.000	+0.000
35	+0.000	+3,221.507	+0.000	+21,532.976	+0.000	+0.000
36	+0.000	+3,210.411	+0.000	+21,458.810	+0.000	+0.000
37	+0.000	+3,188.219	+0.000	+21,310.477	+0.000	+0.000
38	+0.000	+3,148.767	+0.000	+21,046.774	+0.000	+0.000
39	+0.000	+3,074.795	+0.000	+20,552.332	+0.000	+0.000
40	+0.000	+2,976.164	+0.000	+19,893.075	+0.000	+0.000
41	+0.000	+2,844.247	+0.000	+19,011.319	+0.000	+0.000
42	+0.000	+2,712.329	+0.000	+18,129.563	+0.000	+0.000

43	+.000	+2,577.945	+.000	+17,231.325	+.000	+.000
44	+.000	+2,438.630	+.000	+16,300.125	+.000	+.000
45	+.000	+2,284.521	+.000	+15,270.036	+.000	+.000
46	+.000	+2,147.671	+.000	+14,355.318	+.000	+.000
47	+.000	+2,018.219	+.000	+13,490.043	+.000	+.000
48	+.000	+1,922.055	+.000	+12,847.268	+.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	+64.527	+1,250.400	-1,277.125	+0.000	+0.000	+79,450.116
02	+64.940	+1,258.400	-1,285.296	+0.000	+0.000	+75,328.199
03	+64.981	+1,259.200	-1,286.113	+0.000	+0.000	+71,200.935
04	+65.064	+1,260.800	-1,287.747	+0.000	+0.000	+69,614.868
05	+66.137	+1,281.600	-1,308.991	+0.000	+0.000	+72,261.411
06	+65.518	+1,269.600	-1,296.735	+0.000	+0.000	+67,036.167
07	+64.775	+1,255.200	-1,282.027	+0.000	+0.000	+67,453.754
08	+63.743	+1,235.200	-1,261.600	+0.000	+0.000	+64,814.237
09	+64.073	+1,241.600	-1,268.137	+0.000	+0.000	+70,422.178
10	+64.568	+1,251.200	-1,277.942	+0.000	+0.000	+69,888.123
11	+65.724	+1,273.600	-1,300.820	+0.000	+0.000	+77,531.558
12	+68.614	+1,329.600	-1,358.017	+0.000	+0.000	+72,447.097
13	+77.573	+1,503.200	-1,535.328	+0.000	+0.000	+88,789.097
14	+85.458	+1,656.000	-1,691.393	+0.000	+0.000	+97,912.344
15	+91.940	+1,781.600	-1,819.678	+0.000	+0.000	+93,353.168
16	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+105,562.240
17	+96.564	+1,871.200	-1,911.193	+0.000	+0.000	+74,409.900
18	+96.316	+1,866.400	-1,906.290	+0.000	+0.000	+79,285.513
19	+96.481	+1,869.600	-1,909.559	+0.000	+0.000	+73,835.348
20	+96.068	+1,861.600	-1,901.388	+0.000	+0.000	+72,409.505
21	+95.078	+1,842.400	-1,881.777	+0.000	+0.000	+62,124.275
22	+94.045	+1,822.400	-1,861.350	+0.000	+0.000	+59,299.318
23	+94.252	+1,826.400	-1,865.435	+0.000	+0.000	+65,473.899
24	+94.747	+1,836.000	-1,875.241	+0.000	+0.000	+75,237.764
25	+94.417	+1,829.600	-1,868.704	+0.000	+0.000	+69,234.854
26	+94.087	+1,823.200	-1,862.167	+0.000	+0.000	+82,757.334
27	+94.169	+1,824.800	-1,863.801	+0.000	+0.000	+89,188.317
28	+94.871	+1,838.400	-1,877.692	+0.000	+0.000	+77,884.503
29	+94.623	+1,833.600	-1,872.789	+0.000	+0.000	+80,978.616
30	+94.211	+1,825.600	-1,864.618	+0.000	+0.000	+77,370.953
31	+95.408	+1,848.800	-1,888.314	+0.000	+0.000	+73,400.095
32	+98.545	+1,909.600	-1,950.414	+0.000	+0.000	+97,230.521
33	+100.899	+1,955.200	-1,996.988	+0.000	+0.000	+90,772.878
34	+106.018	+2,054.400	-2,098.308	+0.000	+0.000	+109,488.086
35	+107.876	+2,090.400	-2,135.078	+0.000	+0.000	+104,135.578
36	+107.504	+2,083.200	-2,127.724	+0.000	+0.000	+99,532.191
37	+106.761	+2,068.800	-2,113.016	+0.000	+0.000	+98,057.038
38	+105.440	+2,043.200	-2,086.869	+0.000	+0.000	+81,617.728
39	+102.963	+1,995.200	-2,037.843	+0.000	+0.000	+85,285.452
40	+99.660	+1,931.200	-1,972.475	+0.000	+0.000	+94,063.130
41	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+83,963.900
42	+90.825	+1,760.000	-1,797.616	+0.000	+0.000	+78,854.079



43	+86.325	+1,672.800	-1,708.553	+.000	+.000	+75,954.086
44	+81.660	+1,582.400	-1,616.220	+.000	+.000	+77,341.878
45	+76.500	+1,482.400	-1,514.083	+.000	+.000	+92,061.064
46	+71.917	+1,393.600	-1,423.385	+.000	+.000	+99,042.438
47	+67.582	+1,309.600	-1,337.590	+.000	+.000	+123,834.740
48	+64.362	+1,247.200	-1,273.856	+.000	+.000	+113,024.531