

Date: 22/11/2019

Settlement Day:14/11/2019

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: 228

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,030,892.670	+381,145,559.920
Balancing Services Contract Cost	+579,240.299	+167,071,934.297
Balancing Services Cost Variable	+1,506,980.150	+97,984,279.165
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	+28,107,575.291
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+187,888,197.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+941,279.760
ESO Incentive Recovery t-1	+80,000.000	+1,760,000.000
ALoMCP Recovery	-81,709.830	-1,797,616.260
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+187,888,197.120
Total External Costs	+3,242,819.380	+682,794,980.023
Total Adjusted Energy Volume (MWh)	+1,574,070.805	

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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	+23,375.455	+78,445.171	+3.35588
02	+23,421.465	+78,708.682	+3.36054
03	+23,807.488	+85,320.436	+3.58376
04	+23,913.652	+75,430.797	+3.15430
05	+23,847.511	+64,789.797	+2.71684
06	+23,773.351	+62,543.306	+2.63082
07	+23,797.145	+66,216.146	+2.78252
08	+23,511.070	+70,212.733	+2.98637
09	+23,192.360	+79,746.899	+3.43850
10	+23,356.444	+87,421.831	+3.74294
11	+23,661.839	+97,491.085	+4.12018
12	+24,745.485	+97,871.097	+3.95511
13	+27,541.232	+139,222.468	+5.05506
14	+30,925.898	+114,478.346	+3.70170
15	+34,482.178	+100,245.346	+2.90716
16	+35,952.395	+92,836.582	+2.58221
17	+37,103.214	+61,504.595	+1.65766
18	+37,231.082	+53,161.256	+1.42787
19	+37,837.172	+67,671.523	+1.78849
20	+38,039.575	+76,740.335	+2.01738
21	+37,776.206	+79,669.202	+2.10898
22	+37,661.425	+77,714.451	+2.06350
23	+37,666.577	+85,844.061	+2.27905
24	+37,506.230	+87,689.929	+2.33801
25	+37,363.152	+101,238.058	+2.70957
26	+37,047.601	+89,306.984	+2.41060
27	+36,995.483	+89,047.914	+2.40699
28	+36,807.773	+87,231.751	+2.36993
29	+36,884.565	+98,250.862	+2.66374
30	+37,051.955	+97,115.914	+2.62107
31	+37,182.626	+97,588.696	+2.62458
32	+37,984.035	+103,944.625	+2.73653
33	+39,306.035	+159,886.449	+4.06773
34	+40,280.294	+165,905.970	+4.11879
35	+40,692.762	+91,779.035	+2.25541
36	+40,534.798	+89,417.323	+2.20594
37	+40,203.407	+114,200.610	+2.84057
38	+39,943.412	+111,636.777	+2.79487
39	+39,355.909	+109,004.410	+2.76971
40	+38,234.989	+82,694.678	+2.16280
41	+37,086.790	+60,989.195	+1.64450
42	+35,686.467	+48,521.359	+1.35966

43	+33,829.272	+34,998.758	+1.03457
44	+31,830.873	+40,259.366	+1.26479
45	+29,598.457	+41,762.711	+1.41098
46	+27,634.145	+34,911.279	+1.26334
47	+24,759.872	+62,585.627	+2.52770
48	+23,649.684	+73,620.704	+3.11297

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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	+0.01485	+58,602.89	+8,601.718	-2,863.630	+0.000	+0.000
02	+0.01488	+58,820.53	+8,619.096	-2,863.630	+0.000	+0.000
03	+0.01512	+64,934.94	+8,758.113	-2,733.250	+0.000	+0.000
04	+0.01519	+54,938.27	+8,798.660	-2,733.250	+0.000	+0.000
05	+0.01515	+44,250.31	+8,775.491	-2,625.130	+0.000	+0.000
06	+0.01510	+42,080.27	+8,746.529	-2,625.130	+0.000	+0.000
07	+0.01512	+44,704.90	+8,758.113	-1,607.500	+0.000	+0.000
08	+0.01494	+48,976.71	+8,653.850	-1,607.500	+0.000	+0.000
09	+0.01473	+56,768.47	+8,532.210	+456.000	+0.000	+0.000
10	+0.01484	+64,275.21	+8,595.926	+456.000	+0.000	+0.000
11	+0.01503	+74,053.95	+8,705.982	+456.000	+0.000	+0.000
12	+0.01572	+73,378.94	+9,105.658	+456.000	+0.000	+0.000
13	+0.01750	+55,683.75	+10,136.705	+56,780.910	+0.000	+0.000
14	+0.01965	+27,652.24	+11,382.072	+56,780.910	+0.000	+0.000
15	+0.02191	+13,338.45	+12,691.155	+53,406.120	+0.000	+0.000
16	+0.02284	+4,507.70	+13,229.848	+53,406.120	+0.000	+0.000
17	+0.02357	+10,625.28	+13,652.694	+14,840.370	+0.000	+0.000
18	+0.02365	+2,159.62	+13,699.033	+14,840.370	+0.000	+0.000
19	+0.02404	+9,736.32	+13,924.937	+21,177.620	+0.000	+0.000
20	+0.02417	+18,606.36	+14,000.238	+21,177.620	+0.000	+0.000
21	+0.02400	+9,530.50	+13,901.767	+33,442.280	+0.000	+0.000
22	+0.02393	+7,682.78	+13,861.220	+33,442.280	+0.000	+0.000
23	+0.02393	+8,999.91	+13,861.220	+40,254.760	+0.000	+0.000
24	+0.02383	+10,998.68	+13,803.296	+40,254.760	+0.000	+0.000
25	+0.02374	-111.26	+13,751.165	+65,050.440	+0.000	+0.000
26	+0.02354	-11,736.53	+13,635.317	+65,050.440	+0.000	+0.000
27	+0.02350	-15,890.76	+13,612.147	+69,006.760	+0.000	+0.000
28	+0.02338	-17,523.44	+13,542.638	+69,006.760	+0.000	+0.000
29	+0.02343	-10,968.30	+13,571.600	+73,394.280	+0.000	+0.000
30	+0.02354	-12,271.44	+13,635.317	+73,394.280	+0.000	+0.000
31	+0.02362	-15,825.21	+13,681.656	+77,298.510	+0.000	+0.000
32	+0.02413	-10,249.08	+13,977.068	+77,298.510	+0.000	+0.000
33	+0.02497	+10,966.11	+14,463.630	+110,740.770	+0.000	+0.000
34	+0.02559	+16,037.64	+14,822.759	+110,740.770	+0.000	+0.000
35	+0.02585	+24,890.56	+14,973.362	+27,363.370	+0.000	+0.000
36	+0.02575	+22,681.75	+14,915.438	+27,363.370	+0.000	+0.000
37	+0.02554	+11,472.53	+14,793.797	+63,676.970	+0.000	+0.000
38	+0.02538	+9,153.34	+14,701.119	+63,676.970	+0.000	+0.000
39	+0.02500	+42,197.60	+14,481.007	+28,581.370	+0.000	+0.000
40	+0.02429	+16,973.47	+14,069.747	+28,581.370	+0.000	+0.000
41	+0.02356	+19,725.67	+13,646.901	+5,239.870	+0.000	+0.000
42	+0.02267	+13,858.53	+13,131.378	+0.000	+0.000	+0.000

43	+0.02149	+2,140.17	+12,447.874	+ .000	+ .000	+ .000
44	+0.02022	+9,342.63	+11,712.239	+ .000	+ .000	+ .000
45	+0.01880	+13,017.18	+10,889.718	+ .000	+ .000	+ .000
46	+0.01756	+8,061.73	+10,171.460	+ .000	+ .000	+ .000
47	+0.01573	+13,761.06	+9,111.450	+24,773.120	+ .000	+ .000
48	+0.01502	+25,881.74	+8,700.189	+24,773.120	+ .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	+1,830.822	+0.000	+12,237.455	+0.000	+0.000
02	+0.000	+1,834.521	+0.000	+12,262.177	+0.000	+0.000
03	+0.000	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
04	+0.000	+1,872.740	+0.000	+12,517.639	+0.000	+0.000
05	+0.000	+1,867.808	+0.000	+12,484.676	+0.000	+0.000
06	+0.000	+1,861.644	+0.000	+12,443.473	+0.000	+0.000
07	+0.000	+1,864.110	+0.000	+12,459.954	+0.000	+0.000
08	+0.000	+1,841.918	+0.000	+12,311.621	+0.000	+0.000
09	+0.000	+1,816.027	+0.000	+12,138.566	+0.000	+0.000
10	+0.000	+1,829.589	+0.000	+12,229.214	+0.000	+0.000
11	+0.000	+1,853.014	+0.000	+12,385.788	+0.000	+0.000
12	+0.000	+1,938.082	+0.000	+12,954.397	+0.000	+0.000
13	+0.000	+2,157.534	+0.000	+14,421.243	+0.000	+0.000
14	+0.000	+2,422.603	+0.000	+16,192.996	+0.000	+0.000
15	+0.000	+2,701.233	+0.000	+18,055.396	+0.000	+0.000
16	+0.000	+2,815.890	+0.000	+18,821.783	+0.000	+0.000
17	+0.000	+2,905.890	+0.000	+19,423.354	+0.000	+0.000
18	+0.000	+2,915.753	+0.000	+19,489.280	+0.000	+0.000
19	+0.000	+2,963.836	+0.000	+19,810.668	+0.000	+0.000
20	+0.000	+2,979.863	+0.000	+19,917.797	+0.000	+0.000
21	+0.000	+2,958.904	+0.000	+19,777.705	+0.000	+0.000
22	+0.000	+2,950.274	+0.000	+19,720.020	+0.000	+0.000
23	+0.000	+2,950.274	+0.000	+19,720.020	+0.000	+0.000
24	+0.000	+2,937.945	+0.000	+19,637.613	+0.000	+0.000
25	+0.000	+2,926.849	+0.000	+19,563.446	+0.000	+0.000
26	+0.000	+2,902.192	+0.000	+19,398.632	+0.000	+0.000
27	+0.000	+2,897.260	+0.000	+19,365.669	+0.000	+0.000
28	+0.000	+2,882.466	+0.000	+19,266.781	+0.000	+0.000
29	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
30	+0.000	+2,902.192	+0.000	+19,398.632	+0.000	+0.000
31	+0.000	+2,912.055	+0.000	+19,464.558	+0.000	+0.000
32	+0.000	+2,974.932	+0.000	+19,884.834	+0.000	+0.000
33	+0.000	+3,078.493	+0.000	+20,577.054	+0.000	+0.000
34	+0.000	+3,154.932	+0.000	+21,087.978	+0.000	+0.000
35	+0.000	+3,186.986	+0.000	+21,302.236	+0.000	+0.000
36	+0.000	+3,174.658	+0.000	+21,219.829	+0.000	+0.000
37	+0.000	+3,148.767	+0.000	+21,046.774	+0.000	+0.000
38	+0.000	+3,129.041	+0.000	+20,914.923	+0.000	+0.000
39	+0.000	+3,082.192	+0.000	+20,601.776	+0.000	+0.000
40	+0.000	+2,994.658	+0.000	+20,016.686	+0.000	+0.000
41	+0.000	+2,904.658	+0.000	+19,415.114	+0.000	+0.000
42	+0.000	+2,794.932	+0.000	+18,681.690	+0.000	+0.000

43	+.000	+2,649.452	+.000	+17,709.287	+.000	+.000
44	+.000	+2,492.877	+.000	+16,662.716	+.000	+.000
45	+.000	+2,317.808	+.000	+15,492.536	+.000	+.000
46	+.000	+2,164.932	+.000	+14,470.687	+.000	+.000
47	+.000	+1,939.315	+.000	+12,962.637	+.000	+.000
48	+.000	+1,851.781	+.000	+12,377.547	+.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	+61.307	+1,188.000	-1,213.391	+0.000	+0.000	+78,445.171
02	+61.431	+1,190.400	-1,215.842	+0.000	+0.000	+78,708.682
03	+62.422	+1,209.600	-1,235.453	+0.000	+0.000	+85,320.436
04	+62.711	+1,215.200	-1,241.172	+0.000	+0.000	+75,430.797
05	+62.546	+1,212.000	-1,237.904	+0.000	+0.000	+64,789.797
06	+62.339	+1,208.000	-1,233.818	+0.000	+0.000	+62,543.306
07	+62.422	+1,209.600	-1,235.453	+0.000	+0.000	+66,216.146
08	+61.679	+1,195.200	-1,220.745	+0.000	+0.000	+70,212.733
09	+60.812	+1,178.400	-1,203.586	+0.000	+0.000	+79,746.899
10	+61.266	+1,187.200	-1,212.574	+0.000	+0.000	+87,421.831
11	+62.050	+1,202.400	-1,228.099	+0.000	+0.000	+97,491.085
12	+64.899	+1,257.600	-1,284.479	+0.000	+0.000	+97,871.097
13	+72.247	+1,400.000	-1,429.922	+0.000	+0.000	+139,222.468
14	+81.123	+1,572.000	-1,605.598	+0.000	+0.000	+114,478.346
15	+90.454	+1,752.800	-1,790.262	+0.000	+0.000	+100,245.346
16	+94.293	+1,827.200	-1,866.253	+0.000	+0.000	+92,836.582
17	+97.307	+1,885.600	-1,925.901	+0.000	+0.000	+61,504.595
18	+97.637	+1,892.000	-1,932.437	+0.000	+0.000	+53,161.256
19	+99.247	+1,923.200	-1,964.304	+0.000	+0.000	+67,671.523
20	+99.784	+1,933.600	-1,974.927	+0.000	+0.000	+76,740.335
21	+99.082	+1,920.000	-1,961.036	+0.000	+0.000	+79,669.202
22	+98.793	+1,914.400	-1,955.316	+0.000	+0.000	+77,714.451
23	+98.793	+1,914.400	-1,955.316	+0.000	+0.000	+85,844.061
24	+98.380	+1,906.400	-1,947.145	+0.000	+0.000	+87,689.929
25	+98.009	+1,899.200	-1,939.791	+0.000	+0.000	+101,238.058
26	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+89,306.984
27	+97.018	+1,880.000	-1,920.181	+0.000	+0.000	+89,047.914
28	+96.522	+1,870.400	-1,910.376	+0.000	+0.000	+87,231.751
29	+96.729	+1,874.400	-1,914.461	+0.000	+0.000	+98,250.862
30	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+97,115.914
31	+97.513	+1,889.600	-1,929.986	+0.000	+0.000	+97,588.696
32	+99.619	+1,930.400	-1,971.658	+0.000	+0.000	+103,944.625
33	+103.087	+1,997.600	-2,040.294	+0.000	+0.000	+159,886.449
34	+105.646	+2,047.200	-2,090.955	+0.000	+0.000	+165,905.970
35	+106.720	+2,068.000	-2,112.199	+0.000	+0.000	+91,779.035
36	+106.307	+2,060.000	-2,104.028	+0.000	+0.000	+89,417.323
37	+105.440	+2,043.200	-2,086.869	+0.000	+0.000	+114,200.610
38	+104.779	+2,030.400	-2,073.795	+0.000	+0.000	+111,636.777
39	+103.211	+2,000.000	-2,042.746	+0.000	+0.000	+109,004.410
40	+100.279	+1,943.200	-1,984.732	+0.000	+0.000	+82,694.678
41	+97.266	+1,884.800	-1,925.084	+0.000	+0.000	+60,989.195
42	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+48,521.359

43	+88.720	+1,719.200	-1,755.944	+.000	+.000	+34,998.758
44	+83.477	+1,617.600	-1,652.173	+.000	+.000	+40,259.366
45	+77.614	+1,504.000	-1,536.145	+.000	+.000	+41,762.711
46	+72.495	+1,404.800	-1,434.825	+.000	+.000	+34,911.279
47	+64.940	+1,258.400	-1,285.296	+.000	+.000	+62,585.627
48	+62.009	+1,201.600	-1,227.282	+.000	+.000	+73,620.704