

Date: 04/12/2019

Settlement Day:11/11/2019

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: 225

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,424,652.000	+377,202,048.570
Balancing Services Contract Cost	+1,113,422.939	+200,224,065.292
Balancing Services Cost Variable	+465,433.840	+94,247,861.225
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	+126,715.336	+26,282,771.300
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+185,415,984.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+928,894.500
ESO Incentive Recovery t-1	+80,000.000	+2,720,000.000
ALoMCP Recovery	-81,709.830	-2,778,134.220
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+185,415,984.000
Total External Costs	+4,132,642.705	+705,827,506.667
Total Adjusted Energy Volume (MWh)	+1,438,803.305	

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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	+22,047.317	+166,380.650	+7.54653
02	+22,024.379	+165,606.283	+7.51923
03	+21,915.576	+159,541.523	+7.27982
04	+21,680.714	+164,487.153	+7.58680
05	+22,101.346	+149,094.135	+6.74593
06	+21,932.400	+144,748.479	+6.59976
07	+22,067.942	+152,700.902	+6.91958
08	+21,746.680	+127,700.428	+5.87218
09	+21,795.582	+121,544.973	+5.57659
10	+21,884.077	+113,469.490	+5.18503
11	+22,217.333	+122,314.275	+5.50535
12	+23,633.476	+122,811.256	+5.19650
13	+26,204.507	+147,595.214	+5.63244
14	+29,465.263	+119,758.250	+4.06439
15	+31,514.707	+99,199.601	+3.14772
16	+32,855.479	+109,707.831	+3.33910
17	+33,089.091	+93,568.612	+2.82778
18	+32,946.568	+86,829.149	+2.63545
19	+33,435.783	+81,399.283	+2.43450
20	+33,254.862	+73,220.881	+2.20181
21	+32,723.628	+68,097.749	+2.08100
22	+32,213.011	+66,148.359	+2.05347
23	+32,241.092	+72,994.331	+2.26402
24	+32,108.508	+74,385.135	+2.31668
25	+32,234.972	+76,017.865	+2.35824
26	+32,327.753	+77,449.539	+2.39576
27	+32,301.049	+68,660.636	+2.12565
28	+32,444.995	+70,740.469	+2.18032
29	+32,600.833	+73,551.058	+2.25611
30	+33,102.438	+77,696.158	+2.34714
31	+33,821.995	+71,237.922	+2.10626
32	+35,263.419	+80,390.560	+2.27972
33	+36,448.756	+87,688.515	+2.40580
34	+38,384.139	+102,927.833	+2.68152
35	+38,493.362	+104,268.046	+2.70873
36	+38,162.102	+96,233.972	+2.52172
37	+38,098.340	+98,963.307	+2.59758
38	+37,784.456	+94,830.909	+2.50979
39	+36,961.313	+90,996.231	+2.46193
40	+35,838.141	+84,054.021	+2.34538
41	+34,402.313	+91,744.993	+2.66683
42	+32,579.342	+86,982.416	+2.66986

43	+30,953.246	+105,410.486	+3.40547
44	+28,933.449	+96,796.017	+3.34547
45	+27,669.742	+94,680.695	+3.42181
46	+25,854.140	+89,194.913	+3.44993
47	+24,026.117	+103,746.776	+4.31808
48	+23,017.572	+129,146.466	+5.61078

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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	+0.01532	+118,556.96	+17,057.639	+16,162.950	+0.000	+0.000
02	+0.01531	+117,803.26	+17,046.505	+16,162.950	+0.000	+0.000
03	+0.01523	+109,721.78	+16,957.431	+18,345.000	+0.000	+0.000
04	+0.01507	+114,998.07	+16,779.284	+18,345.000	+0.000	+0.000
05	+0.01536	+99,005.73	+17,102.176	+18,345.000	+0.000	+0.000
06	+0.01524	+94,908.07	+16,968.566	+18,345.000	+0.000	+0.000
07	+0.01534	+102,653.83	+17,079.908	+18,345.000	+0.000	+0.000
08	+0.01511	+78,128.68	+16,823.821	+18,345.000	+0.000	+0.000
09	+0.01515	+71,890.56	+16,868.358	+18,345.000	+0.000	+0.000
10	+0.01521	+63,691.08	+16,935.163	+18,345.000	+0.000	+0.000
11	+0.01544	+72,060.54	+17,191.250	+18,345.000	+0.000	+0.000
12	+0.01643	+70,511.56	+18,293.539	+18,345.000	+0.000	+0.000
13	+0.01821	+68,571.77	+20,275.432	+41,390.150	+0.000	+0.000
14	+0.02048	+36,043.56	+22,802.902	+41,390.150	+0.000	+0.000
15	+0.02190	+26,275.96	+24,383.962	+27,664.490	+0.000	+0.000
16	+0.02284	+34,841.56	+25,430.580	+27,664.490	+0.000	+0.000
17	+0.02300	+40,656.23	+25,608.728	+5,379.940	+0.000	+0.000
18	+0.02290	+34,123.43	+25,497.385	+5,379.940	+0.000	+0.000
19	+0.02324	+27,990.91	+25,875.949	+5,379.940	+0.000	+0.000
20	+0.02311	+20,081.17	+25,731.204	+5,379.940	+0.000	+0.000
21	+0.02274	+15,722.69	+25,319.238	+5,379.940	+0.000	+0.000
22	+0.02239	+14,496.62	+24,929.540	+5,379.940	+0.000	+0.000
23	+0.02241	+21,301.26	+24,951.808	+5,379.940	+0.000	+0.000
24	+0.02232	+22,878.06	+24,851.600	+5,379.940	+0.000	+0.000
25	+0.02240	+24,345.46	+24,940.674	+5,379.940	+0.000	+0.000
26	+0.02247	+25,632.47	+25,018.613	+5,379.940	+0.000	+0.000
27	+0.02245	+22,264.84	+24,996.345	+0.000	+0.000	+0.000
28	+0.02255	+24,138.01	+25,107.687	+0.000	+0.000	+0.000
29	+0.02266	+26,721.27	+25,230.164	+0.000	+0.000	+0.000
30	+0.02301	+30,143.05	+25,619.862	+0.000	+0.000	+0.000
31	+0.02351	+22,651.50	+26,176.573	+0.000	+0.000	+0.000
32	+0.02451	+28,989.51	+27,289.996	+748.000	+0.000	+0.000
33	+0.02533	+29,212.89	+28,203.003	+6,127.940	+0.000	+0.000
34	+0.02668	+41,662.26	+29,706.124	+6,127.940	+0.000	+0.000
35	+0.02675	+42,857.81	+29,784.064	+6,127.940	+0.000	+0.000
36	+0.02652	+35,299.06	+29,527.976	+6,127.940	+0.000	+0.000
37	+0.02648	+38,111.06	+29,483.439	+6,127.940	+0.000	+0.000
38	+0.02626	+34,433.32	+29,238.486	+6,127.940	+0.000	+0.000
39	+0.02569	+31,776.62	+28,603.835	+6,127.940	+0.000	+0.000
40	+0.02491	+26,446.38	+27,735.365	+6,127.940	+0.000	+0.000
41	+0.02391	+36,203.98	+26,621.942	+6,127.940	+0.000	+0.000
42	+0.02264	+39,445.96	+25,207.895	+748.000	+0.000	+0.000

43	+0.02151	+59,608.07	+23,949.727	+1,349.250	+.000	+.000
44	+0.02011	+53,886.88	+22,390.935	+1,349.250	+.000	+.000
45	+0.01923	+54,416.31	+21,411.123	+523.130	+.000	+.000
46	+0.01797	+51,534.48	+20,008.210	+523.130	+.000	+.000
47	+0.01670	+70,555.57	+18,594.163	-1,321.480	+.000	+.000
48	+0.01600	+97,401.90	+17,814.767	-1,321.480	+.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	+1,941.279	+0.000	+12,624.768	+0.000	+0.000
02	+0.000	+1,940.012	+0.000	+12,616.528	+0.000	+0.000
03	+0.000	+1,929.875	+0.000	+12,550.602	+0.000	+0.000
04	+0.000	+1,909.600	+0.000	+12,418.751	+0.000	+0.000
05	+0.000	+1,946.348	+0.000	+12,657.731	+0.000	+0.000
06	+0.000	+1,931.142	+0.000	+12,558.843	+0.000	+0.000
07	+0.000	+1,943.813	+0.000	+12,641.250	+0.000	+0.000
08	+0.000	+1,914.669	+0.000	+12,451.713	+0.000	+0.000
09	+0.000	+1,919.737	+0.000	+12,484.676	+0.000	+0.000
10	+0.000	+1,927.340	+0.000	+12,534.121	+0.000	+0.000
11	+0.000	+1,956.485	+0.000	+12,723.657	+0.000	+0.000
12	+0.000	+2,081.933	+0.000	+13,539.487	+0.000	+0.000
13	+0.000	+2,307.486	+0.000	+15,006.334	+0.000	+0.000
14	+0.000	+2,595.130	+0.000	+16,876.975	+0.000	+0.000
15	+0.000	+2,775.066	+0.000	+18,047.156	+0.000	+0.000
16	+0.000	+2,894.178	+0.000	+18,821.783	+0.000	+0.000
17	+0.000	+2,914.453	+0.000	+18,953.634	+0.000	+0.000
18	+0.000	+2,901.781	+0.000	+18,871.227	+0.000	+0.000
19	+0.000	+2,944.864	+0.000	+19,151.411	+0.000	+0.000
20	+0.000	+2,928.391	+0.000	+19,044.282	+0.000	+0.000
21	+0.000	+2,881.507	+0.000	+18,739.375	+0.000	+0.000
22	+0.000	+2,837.156	+0.000	+18,450.951	+0.000	+0.000
23	+0.000	+2,839.691	+0.000	+18,467.432	+0.000	+0.000
24	+0.000	+2,828.286	+0.000	+18,393.266	+0.000	+0.000
25	+0.000	+2,838.424	+0.000	+18,459.191	+0.000	+0.000
26	+0.000	+2,847.294	+0.000	+18,516.876	+0.000	+0.000
27	+0.000	+2,844.759	+0.000	+18,500.395	+0.000	+0.000
28	+0.000	+2,857.431	+0.000	+18,582.802	+0.000	+0.000
29	+0.000	+2,871.370	+0.000	+18,673.450	+0.000	+0.000
30	+0.000	+2,915.720	+0.000	+18,961.875	+0.000	+0.000
31	+0.000	+2,979.078	+0.000	+19,373.910	+0.000	+0.000
32	+0.000	+3,105.793	+0.000	+20,197.981	+0.000	+0.000
33	+0.000	+3,209.699	+0.000	+20,873.719	+0.000	+0.000
34	+0.000	+3,380.765	+0.000	+21,986.215	+0.000	+0.000
35	+0.000	+3,389.635	+0.000	+22,043.900	+0.000	+0.000
36	+0.000	+3,360.491	+0.000	+21,854.364	+0.000	+0.000
37	+0.000	+3,355.422	+0.000	+21,821.401	+0.000	+0.000
38	+0.000	+3,327.545	+0.000	+21,640.106	+0.000	+0.000
39	+0.000	+3,255.317	+0.000	+21,170.385	+0.000	+0.000
40	+0.000	+3,156.479	+0.000	+20,527.610	+0.000	+0.000
41	+0.000	+3,029.764	+0.000	+19,703.539	+0.000	+0.000
42	+0.000	+2,868.835	+0.000	+18,656.968	+0.000	+0.000

43	+.000	+2,725.647	+.000	+17,725.768	+.000	+.000
44	+.000	+2,548.245	+.000	+16,572.069	+.000	+.000
45	+.000	+2,436.736	+.000	+15,846.886	+.000	+.000
46	+.000	+2,277.075	+.000	+14,808.557	+.000	+.000
47	+.000	+2,116.146	+.000	+13,761.986	+.000	+.000
48	+.000	+2,027.445	+.000	+13,185.137	+.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(f)	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+63.247	+1,225.600	-1,251.795	+0.000	+0.000	+166,380.650
02	+63.206	+1,224.800	-1,250.977	+0.000	+0.000	+165,606.283
03	+62.876	+1,218.400	-1,244.441	+0.000	+0.000	+159,541.523
04	+62.215	+1,205.600	-1,231.367	+0.000	+0.000	+164,487.153
05	+63.413	+1,228.800	-1,255.063	+0.000	+0.000	+149,094.135
06	+62.917	+1,219.200	-1,245.258	+0.000	+0.000	+144,748.479
07	+63.330	+1,227.200	-1,253.429	+0.000	+0.000	+152,700.902
08	+62.380	+1,208.800	-1,234.636	+0.000	+0.000	+127,700.428
09	+62.546	+1,212.000	-1,237.904	+0.000	+0.000	+121,544.973
10	+62.793	+1,216.800	-1,242.807	+0.000	+0.000	+113,469.490
11	+63.743	+1,235.200	-1,261.600	+0.000	+0.000	+122,314.275
12	+67.830	+1,314.400	-1,342.493	+0.000	+0.000	+122,811.256
13	+75.179	+1,456.800	-1,487.936	+0.000	+0.000	+147,595.214
14	+84.550	+1,638.400	-1,673.417	+0.000	+0.000	+119,758.250
15	+90.412	+1,752.000	-1,789.445	+0.000	+0.000	+99,199.601
16	+94.293	+1,827.200	-1,866.253	+0.000	+0.000	+109,707.831
17	+94.954	+1,840.000	-1,879.326	+0.000	+0.000	+93,568.612
18	+94.541	+1,832.000	-1,871.155	+0.000	+0.000	+86,829.149
19	+95.944	+1,859.200	-1,898.936	+0.000	+0.000	+81,399.283
20	+95.408	+1,848.800	-1,888.314	+0.000	+0.000	+73,220.881
21	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+68,097.749
22	+92.435	+1,791.200	-1,829.483	+0.000	+0.000	+66,148.359
23	+92.518	+1,792.800	-1,831.117	+0.000	+0.000	+72,994.331
24	+92.146	+1,785.600	-1,823.763	+0.000	+0.000	+74,385.135
25	+92.477	+1,792.000	-1,830.300	+0.000	+0.000	+76,017.865
26	+92.766	+1,797.600	-1,836.020	+0.000	+0.000	+77,449.539
27	+92.683	+1,796.000	-1,834.386	+0.000	+0.000	+68,660.636
28	+93.096	+1,804.000	-1,842.557	+0.000	+0.000	+70,740.469
29	+93.550	+1,812.800	-1,851.545	+0.000	+0.000	+73,551.058
30	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+77,696.158
31	+97.059	+1,880.800	-1,920.998	+0.000	+0.000	+71,237.922
32	+101.188	+1,960.800	-2,002.708	+0.000	+0.000	+80,390.560
33	+104.573	+2,026.400	-2,069.710	+0.000	+0.000	+87,688.515
34	+110.146	+2,134.400	-2,180.018	+0.000	+0.000	+102,927.833
35	+110.435	+2,140.000	-2,185.738	+0.000	+0.000	+104,268.046
36	+109.486	+2,121.600	-2,166.945	+0.000	+0.000	+96,233.972
37	+109.321	+2,118.400	-2,163.676	+0.000	+0.000	+98,963.307
38	+108.412	+2,100.800	-2,145.700	+0.000	+0.000	+94,830.909
39	+106.059	+2,055.200	-2,099.126	+0.000	+0.000	+90,996.231
40	+102.839	+1,992.800	-2,035.392	+0.000	+0.000	+84,054.021
41	+98.711	+1,912.800	-1,953.682	+0.000	+0.000	+91,744.993
42	+93.467	+1,811.200	-1,849.911	+0.000	+0.000	+86,982.416



43	+88.802	+1,720.800	-1,757.578	+.000	+.000	+105,410.486
44	+83.023	+1,608.800	-1,643.185	+.000	+.000	+96,796.017
45	+79.390	+1,538.400	-1,571.280	+.000	+.000	+94,680.695
46	+74.188	+1,437.600	-1,468.326	+.000	+.000	+89,194.913
47	+68.945	+1,336.000	-1,364.554	+.000	+.000	+103,746.776
48	+66.055	+1,280.000	-1,307.357	+.000	+.000	+129,146.466