

Date: 18/11/2019

Settlement Day:08/11/2019

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: 222

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,340,277.860	+371,900,344.740
Balancing Services Contract Cost	+722,655.343	+163,546,274.842
Balancing Services Cost Variable	+581,772.270	+93,812,704.665
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	+27,367,849.265
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+182,943,770.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+916,509.240
ESO Incentive Recovery t-1	+80,000.000	+1,280,000.000
ALoMCP Recovery	-81,709.830	-1,307,357.280
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+182,943,770.880
Total External Costs	+2,770,411.734	+665,098,293.322
Total Adjusted Energy Volume (MWh)	+1,513,988.234	

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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	+22,541.885	+104,468.842	+4.63443
02	+22,619.248	+94,385.584	+4.17280
03	+22,467.316	+92,767.170	+4.12898
04	+22,300.546	+90,684.043	+4.06645
05	+22,298.803	+96,233.163	+4.31562
06	+22,308.631	+92,041.997	+4.12585
07	+21,837.371	+85,307.789	+3.90650
08	+21,644.542	+89,366.217	+4.12881
09	+21,696.764	+89,425.070	+4.12159
10	+21,898.551	+80,941.006	+3.69618
11	+22,012.269	+80,625.721	+3.66276
12	+23,238.482	+75,972.531	+3.26926
13	+27,326.514	+94,131.479	+3.44469
14	+30,731.941	+72,963.453	+2.37419
15	+34,427.036	+105,270.338	+3.05778
16	+35,968.762	+109,639.820	+3.04820
17	+36,466.075	+83,389.872	+2.28678
18	+36,070.015	+78,364.426	+2.17256
19	+36,145.766	+74,584.607	+2.06344
20	+36,115.509	+71,335.079	+1.97519
21	+35,611.686	+74,686.686	+2.09725
22	+35,049.853	+67,141.486	+1.91560
23	+34,654.092	+68,650.873	+1.98103
24	+34,636.146	+67,135.199	+1.93830
25	+34,944.023	+57,189.085	+1.63659
26	+35,278.566	+55,295.721	+1.56740
27	+35,729.686	+49,639.010	+1.38929
28	+35,741.515	+47,443.575	+1.32741
29	+35,813.696	+46,778.446	+1.30616
30	+35,713.919	+42,681.746	+1.19510
31	+36,051.963	+50,034.341	+1.38784
32	+36,940.937	+75,380.147	+2.04056
33	+37,598.440	+75,230.293	+2.00089
34	+39,060.320	+88,092.962	+2.25531
35	+39,557.944	+87,009.125	+2.19954
36	+39,332.346	+81,489.640	+2.07182
37	+38,988.304	+72,440.151	+1.85800
38	+38,165.806	+65,196.027	+1.70823
39	+37,844.597	+82,997.366	+2.19311
40	+36,639.961	+70,719.240	+1.93011
41	+35,212.615	+74,465.603	+2.11474
42	+33,732.782	+64,495.979	+1.91197

43	+32,303.422	+64,799.723	+2.00597
44	+31,032.160	+59,903.909	+1.93038
45	+29,625.592	+53,336.747	+1.80036
46	+27,839.614	+52,257.156	+1.87708
47	+25,929.088	+75,582.811	+2.91498
48	+24,843.135	+62,544.970	+2.51760

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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	+0.01489	+53,044.44	+10,760.338	+26,521.880	+0.000	+0.000
02	+0.01494	+42,877.56	+10,796.471	+26,521.880	+0.000	+0.000
03	+0.01484	+41,426.39	+10,724.205	+26,521.880	+0.000	+0.000
04	+0.01473	+39,527.23	+10,644.713	+26,521.880	+0.000	+0.000
05	+0.01473	+45,076.35	+10,644.713	+26,521.880	+0.000	+0.000
06	+0.01474	+40,868.46	+10,651.940	+26,521.880	+0.000	+0.000
07	+0.01442	+34,669.43	+10,420.690	+26,521.880	+0.000	+0.000
08	+0.01430	+38,928.55	+10,333.971	+26,521.880	+0.000	+0.000
09	+0.01433	+38,937.23	+10,355.651	+26,521.880	+0.000	+0.000
10	+0.01446	+30,235.75	+10,449.596	+26,521.880	+0.000	+0.000
11	+0.01454	+29,786.67	+10,507.409	+26,521.880	+0.000	+0.000
12	+0.01535	+23,778.81	+11,092.760	+26,521.880	+0.000	+0.000
13	+0.01805	+32,454.30	+13,043.929	+31,489.770	+0.000	+0.000
14	+0.02030	+7,523.30	+14,669.903	+31,489.770	+0.000	+0.000
15	+0.02274	+22,464.45	+16,433.182	+44,774.770	+0.000	+0.000
16	+0.02376	+25,128.05	+17,170.291	+44,774.770	+0.000	+0.000
17	+0.02409	+37,733.70	+17,408.767	+5,367.270	+0.000	+0.000
18	+0.02382	+33,159.81	+17,213.650	+5,367.270	+0.000	+0.000
19	+0.02387	+29,296.37	+17,249.783	+5,367.270	+0.000	+0.000
20	+0.02385	+26,080.29	+17,235.330	+5,367.270	+0.000	+0.000
21	+0.02352	+29,983.80	+16,996.854	+5,367.270	+0.000	+0.000
22	+0.02315	+23,057.40	+16,729.471	+5,367.270	+0.000	+0.000
23	+0.02289	+25,001.62	+16,541.581	+5,367.270	+0.000	+0.000
24	+0.02288	+23,502.67	+16,534.354	+5,367.270	+0.000	+0.000
25	+0.02308	+13,222.07	+16,678.885	+5,367.270	+0.000	+0.000
26	+0.02330	+10,960.77	+16,837.869	+5,367.270	+0.000	+0.000
27	+0.02360	+10,169.60	+17,054.666	+0.000	+0.000	+0.000
28	+0.02361	+7,957.44	+17,061.893	+0.000	+0.000	+0.000
29	+0.02366	+7,208.69	+17,098.025	+0.000	+0.000	+0.000
30	+0.02359	+3,229.06	+17,047.440	+0.000	+0.000	+0.000
31	+0.02381	+10,213.72	+17,206.424	+0.000	+0.000	+0.000
32	+0.02440	+34,572.79	+17,632.790	+0.000	+0.000	+0.000
33	+0.02483	+28,336.52	+17,943.532	+5,367.270	+0.000	+0.000
34	+0.02580	+39,576.93	+18,644.508	+5,367.270	+0.000	+0.000
35	+0.02613	+37,941.19	+18,882.984	+5,367.270	+0.000	+0.000
36	+0.02598	+32,672.57	+18,774.586	+5,367.270	+0.000	+0.000
37	+0.02575	+26,541.74	+18,608.375	+2,833.270	+0.000	+0.000
38	+0.02521	+20,200.73	+18,218.141	+2,833.270	+0.000	+0.000
39	+0.02500	+39,987.53	+18,066.384	+1,199.020	+0.000	+0.000
40	+0.02420	+29,047.35	+17,488.259	+1,199.020	+0.000	+0.000
41	+0.02326	+33,908.55	+16,808.963	+1,656.270	+0.000	+0.000
42	+0.02228	+30,945.18	+16,100.761	-3,711.000	+0.000	+0.000

43	+0.02134	+32,821.01	+15,421.465	-3,711.000	+.000	+.000
44	+0.02050	+29,330.04	+14,814.435	-3,711.000	+.000	+.000
45	+0.01957	+20,607.24	+14,142.365	+.000	+.000	+.000
46	+0.01839	+21,501.12	+13,289.632	+.000	+.000	+.000
47	+0.01713	+28,308.54	+12,379.086	+18,625.500	+.000	+.000
48	+0.01641	+16,474.85	+11,858.774	+18,625.500	+.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	+1,835.753	+0.000	+12,270.418	+0.000	+0.000
02	+0.000	+1,841.918	+0.000	+12,311.621	+0.000	+0.000
03	+0.000	+1,829.589	+0.000	+12,229.214	+0.000	+0.000
04	+0.000	+1,816.027	+0.000	+12,138.566	+0.000	+0.000
05	+0.000	+1,816.027	+0.000	+12,138.566	+0.000	+0.000
06	+0.000	+1,817.260	+0.000	+12,146.807	+0.000	+0.000
07	+0.000	+1,777.808	+0.000	+11,883.104	+0.000	+0.000
08	+0.000	+1,763.014	+0.000	+11,784.216	+0.000	+0.000
09	+0.000	+1,766.712	+0.000	+11,808.938	+0.000	+0.000
10	+0.000	+1,782.740	+0.000	+11,916.067	+0.000	+0.000
11	+0.000	+1,792.603	+0.000	+11,981.993	+0.000	+0.000
12	+0.000	+1,892.466	+0.000	+12,649.490	+0.000	+0.000
13	+0.000	+2,225.342	+0.000	+14,874.482	+0.000	+0.000
14	+0.000	+2,502.740	+0.000	+16,728.642	+0.000	+0.000
15	+0.000	+2,803.562	+0.000	+18,739.375	+0.000	+0.000
16	+0.000	+2,929.315	+0.000	+19,579.928	+0.000	+0.000
17	+0.000	+2,970.000	+0.000	+19,851.871	+0.000	+0.000
18	+0.000	+2,936.712	+0.000	+19,629.372	+0.000	+0.000
19	+0.000	+2,942.877	+0.000	+19,670.576	+0.000	+0.000
20	+0.000	+2,940.411	+0.000	+19,654.094	+0.000	+0.000
21	+0.000	+2,899.726	+0.000	+19,382.151	+0.000	+0.000
22	+0.000	+2,854.110	+0.000	+19,077.245	+0.000	+0.000
23	+0.000	+2,822.055	+0.000	+18,862.986	+0.000	+0.000
24	+0.000	+2,820.822	+0.000	+18,854.745	+0.000	+0.000
25	+0.000	+2,845.479	+0.000	+19,019.560	+0.000	+0.000
26	+0.000	+2,872.603	+0.000	+19,200.855	+0.000	+0.000
27	+0.000	+2,909.589	+0.000	+19,448.077	+0.000	+0.000
28	+0.000	+2,910.822	+0.000	+19,456.317	+0.000	+0.000
29	+0.000	+2,916.986	+0.000	+19,497.521	+0.000	+0.000
30	+0.000	+2,908.356	+0.000	+19,439.836	+0.000	+0.000
31	+0.000	+2,935.479	+0.000	+19,621.131	+0.000	+0.000
32	+0.000	+3,008.219	+0.000	+20,107.333	+0.000	+0.000
33	+0.000	+3,061.233	+0.000	+20,461.684	+0.000	+0.000
34	+0.000	+3,180.822	+0.000	+21,261.033	+0.000	+0.000
35	+0.000	+3,221.507	+0.000	+21,532.976	+0.000	+0.000
36	+0.000	+3,203.014	+0.000	+21,409.366	+0.000	+0.000
37	+0.000	+3,174.658	+0.000	+21,219.829	+0.000	+0.000
38	+0.000	+3,108.082	+0.000	+20,774.831	+0.000	+0.000
39	+0.000	+3,082.192	+0.000	+20,601.776	+0.000	+0.000
40	+0.000	+2,983.562	+0.000	+19,942.519	+0.000	+0.000
41	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
42	+0.000	+2,746.849	+0.000	+18,360.303	+0.000	+0.000

43	+.000	+2,630.959	+.000	+17,585.676	+.000	+.000
44	+.000	+2,527.397	+.000	+16,893.456	+.000	+.000
45	+.000	+2,412.740	+.000	+16,127.070	+.000	+.000
46	+.000	+2,267.260	+.000	+15,154.666	+.000	+.000
47	+.000	+2,111.918	+.000	+14,116.337	+.000	+.000
48	+.000	+2,023.151	+.000	+13,523.006	+.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	+61.472	+1,191.200	-1,216.659	+0.000	+0.000	+104,468.842
02	+61.679	+1,195.200	-1,220.745	+0.000	+0.000	+94,385.584
03	+61.266	+1,187.200	-1,212.574	+0.000	+0.000	+92,767.170
04	+60.812	+1,178.400	-1,203.586	+0.000	+0.000	+90,684.043
05	+60.812	+1,178.400	-1,203.586	+0.000	+0.000	+96,233.163
06	+60.853	+1,179.200	-1,204.403	+0.000	+0.000	+92,041.997
07	+59.532	+1,153.600	-1,178.256	+0.000	+0.000	+85,307.789
08	+59.036	+1,144.000	-1,168.451	+0.000	+0.000	+89,366.217
09	+59.160	+1,146.400	-1,170.902	+0.000	+0.000	+89,425.070
10	+59.697	+1,156.800	-1,181.524	+0.000	+0.000	+80,941.006
11	+60.027	+1,163.200	-1,188.061	+0.000	+0.000	+80,625.721
12	+63.371	+1,228.000	-1,254.246	+0.000	+0.000	+75,972.531
13	+74.518	+1,444.000	-1,474.862	+0.000	+0.000	+94,131.479
14	+83.807	+1,624.000	-1,658.710	+0.000	+0.000	+72,963.453
15	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+105,270.338
16	+98.091	+1,900.800	-1,941.426	+0.000	+0.000	+109,639.820
17	+99.454	+1,927.200	-1,968.390	+0.000	+0.000	+83,389.872
18	+98.339	+1,905.600	-1,946.328	+0.000	+0.000	+78,364.426
19	+98.545	+1,909.600	-1,950.414	+0.000	+0.000	+74,584.607
20	+98.463	+1,908.000	-1,948.779	+0.000	+0.000	+71,335.079
21	+97.100	+1,881.600	-1,921.815	+0.000	+0.000	+74,686.686
22	+95.573	+1,852.000	-1,891.583	+0.000	+0.000	+67,141.486
23	+94.500	+1,831.200	-1,870.338	+0.000	+0.000	+68,650.873
24	+94.458	+1,830.400	-1,869.521	+0.000	+0.000	+67,135.199
25	+95.284	+1,846.400	-1,885.863	+0.000	+0.000	+57,189.085
26	+96.192	+1,864.000	-1,903.839	+0.000	+0.000	+55,295.721
27	+97.431	+1,888.000	-1,928.352	+0.000	+0.000	+49,639.010
28	+97.472	+1,888.800	-1,929.169	+0.000	+0.000	+47,443.575
29	+97.678	+1,892.800	-1,933.255	+0.000	+0.000	+46,778.446
30	+97.389	+1,887.200	-1,927.535	+0.000	+0.000	+42,681.746
31	+98.298	+1,904.800	-1,945.511	+0.000	+0.000	+50,034.341
32	+100.733	+1,952.000	-1,993.720	+0.000	+0.000	+75,380.147
33	+102.509	+1,986.400	-2,028.855	+0.000	+0.000	+75,230.293
34	+106.513	+2,064.000	-2,108.114	+0.000	+0.000	+88,092.962
35	+107.876	+2,090.400	-2,135.078	+0.000	+0.000	+87,009.125
36	+107.256	+2,078.400	-2,122.821	+0.000	+0.000	+81,489.640
37	+106.307	+2,060.000	-2,104.028	+0.000	+0.000	+72,440.151
38	+104.077	+2,016.800	-2,059.905	+0.000	+0.000	+65,196.027
39	+103.211	+2,000.000	-2,042.746	+0.000	+0.000	+82,997.366
40	+99.908	+1,936.000	-1,977.378	+0.000	+0.000	+70,719.240
41	+96.027	+1,860.800	-1,900.571	+0.000	+0.000	+74,465.603
42	+91.981	+1,782.400	-1,820.495	+0.000	+0.000	+64,495.979

43	+88.100	+1,707.200	-1,743.688	+.000	+.000	+64,799.723
44	+84.633	+1,640.000	-1,675.052	+.000	+.000	+59,903.909
45	+80.793	+1,565.600	-1,599.061	+.000	+.000	+53,336.747
46	+75.922	+1,471.200	-1,502.644	+.000	+.000	+52,257.156
47	+70.720	+1,370.400	-1,399.689	+.000	+.000	+75,582.811
48	+67.747	+1,312.800	-1,340.858	+.000	+.000	+62,544.970