

Date: 11/11/2019

Settlement Day:01/11/2019

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: 215

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,253,397.980	+357,988,968.590
Balancing Services Contract Cost	+902,479.270	+157,767,713.050
Balancing Services Cost Variable	+110,008.600	+90,495,834.245
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	+26,504,835.568
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+177,175,273.600
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+887,610.300
ESO Incentive Recovery t-1	+80,000.000	+720,000.000
ALoMCP Recovery	-81,709.830	-735,388.470
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+177,175,273.600
Total External Costs	+2,391,592.111	+641,211,541.133
Total Adjusted Energy Volume (MWh)	+1,411,719.584	

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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	+23,480.804	+72,467.907	+3.08626
02	+23,618.968	+75,710.312	+3.20549
03	+23,388.402	+81,577.351	+3.48794
04	+22,891.204	+77,448.252	+3.38332
05	+23,379.806	+81,533.979	+3.48737
06	+23,040.782	+75,959.537	+3.29674
07	+22,547.996	+74,420.597	+3.30054
08	+22,414.591	+74,726.944	+3.33385
09	+22,246.702	+74,509.134	+3.34922
10	+22,195.826	+73,744.283	+3.32244
11	+22,257.013	+94,920.576	+4.26475
12	+23,209.226	+101,485.568	+4.37264
13	+25,152.966	+85,836.982	+3.41260
14	+27,570.643	+78,656.521	+2.85291
15	+30,562.653	+65,560.145	+2.14511
16	+31,837.935	+65,098.156	+2.04467
17	+32,689.314	+59,023.532	+1.80559
18	+33,314.015	+56,906.985	+1.70820
19	+33,815.551	+58,595.075	+1.73278
20	+33,861.839	+57,249.585	+1.69068
21	+33,807.003	+51,204.965	+1.51463
22	+33,640.006	+53,149.114	+1.57994
23	+33,757.169	+53,982.415	+1.59914
24	+33,947.575	+66,903.871	+1.97080
25	+33,979.912	+66,672.066	+1.96210
26	+33,794.370	+63,048.312	+1.86565
27	+33,807.678	+61,158.785	+1.80902
28	+33,550.518	+57,000.919	+1.69896
29	+33,316.730	+54,957.745	+1.64955
30	+33,224.950	+52,351.720	+1.57567
31	+33,415.275	+49,466.853	+1.48037
32	+33,878.062	+51,859.458	+1.53077
33	+34,361.207	+63,516.175	+1.84848
34	+35,376.141	+75,888.370	+2.14519
35	+36,430.448	+69,524.002	+1.90840
36	+36,187.824	+68,411.606	+1.89046
37	+35,619.373	+64,030.353	+1.79763
38	+34,900.879	+52,806.422	+1.51304
39	+33,587.068	+70,120.314	+2.08772
40	+32,202.358	+59,124.112	+1.83602
41	+30,967.984	+58,033.899	+1.87400
42	+29,383.826	+52,169.999	+1.77547

43	+27,657.844	+51,777.826	+1.87208
44	+26,200.323	+48,278.312	+1.84266
45	+24,872.469	+46,623.021	+1.87448
46	+23,391.432	+52,818.421	+2.25802
47	+21,966.579	+105,000.952	+4.78003
48	+21,018.345	+110,407.290	+5.25290

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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	+0.01663	+44,544.88	+15,008.230	-2,880.000	+0.000	+0.000
02	+0.01673	+47,602.06	+15,098.478	-2,880.000	+0.000	+0.000
03	+0.01657	+50,199.21	+14,954.082	+686.250	+0.000	+0.000
04	+0.01622	+46,718.40	+14,638.214	+686.250	+0.000	+0.000
05	+0.01656	+52,984.31	+14,945.057	-2,123.700	+0.000	+0.000
06	+0.01632	+47,854.41	+14,728.462	-2,123.700	+0.000	+0.000
07	+0.01597	+44,153.81	+14,412.594	+686.250	+0.000	+0.000
08	+0.01588	+44,626.86	+14,331.371	+686.250	+0.000	+0.000
09	+0.01576	+44,631.32	+14,223.073	+686.250	+0.000	+0.000
10	+0.01572	+43,940.56	+14,186.974	+686.250	+0.000	+0.000
11	+0.01577	+51,121.53	+14,232.098	+14,588.960	+0.000	+0.000
12	+0.01644	+56,445.51	+14,836.759	+14,588.960	+0.000	+0.000
13	+0.01782	+49,115.19	+16,082.181	+3,714.580	+0.000	+0.000
14	+0.01953	+39,453.62	+17,625.420	+3,028.330	+0.000	+0.000
15	+0.02165	+22,430.46	+19,538.676	+3,028.330	+0.000	+0.000
16	+0.02255	+20,301.44	+20,350.908	+3,028.330	+0.000	+0.000
17	+0.02316	+13,096.94	+20,901.420	+3,028.330	+0.000	+0.000
18	+0.02360	+10,165.40	+21,298.511	+3,028.330	+0.000	+0.000
19	+0.02395	+11,205.20	+21,614.379	+3,028.330	+0.000	+0.000
20	+0.02399	+9,785.62	+21,650.478	+3,028.330	+0.000	+0.000
21	+0.02395	+3,815.09	+21,614.379	+3,028.330	+0.000	+0.000
22	+0.02383	+5,981.51	+21,506.081	+3,028.330	+0.000	+0.000
23	+0.02391	+6,666.63	+21,578.279	+3,028.330	+0.000	+0.000
24	+0.02405	+19,328.77	+21,704.626	+3,028.330	+0.000	+0.000
25	+0.02407	+19,059.92	+21,722.676	+3,028.330	+0.000	+0.000
26	+0.02394	+15,676.96	+21,605.354	+3,028.330	+0.000	+0.000
27	+0.02395	+16,797.24	+21,614.379	+0.000	+0.000	+0.000
28	+0.02377	+12,972.78	+21,451.932	+0.000	+0.000	+0.000
29	+0.02360	+11,244.49	+21,298.511	+0.000	+0.000	+0.000
30	+0.02354	+8,749.60	+21,244.362	+0.000	+0.000	+0.000
31	+0.02367	+5,623.94	+21,361.684	+0.000	+0.000	+0.000
32	+0.02400	+7,405.30	+21,659.502	+0.000	+0.000	+0.000
33	+0.02434	+15,403.92	+21,966.345	+3,028.330	+0.000	+0.000
34	+0.02506	+26,442.49	+22,616.131	+3,028.330	+0.000	+0.000
35	+0.02581	+18,688.93	+23,292.990	+3,028.330	+0.000	+0.000
36	+0.02563	+17,909.94	+23,130.544	+3,028.330	+0.000	+0.000
37	+0.02523	+14,269.59	+22,769.552	+3,028.330	+0.000	+0.000
38	+0.02472	+3,990.31	+22,309.288	+3,028.330	+0.000	+0.000
39	+0.02379	+23,026.80	+21,469.982	+3,028.330	+0.000	+0.000
40	+0.02281	+13,845.81	+20,585.552	+3,028.330	+0.000	+0.000
41	+0.02194	+14,367.06	+19,800.395	+3,028.330	+0.000	+0.000
42	+0.02081	+13,624.54	+18,780.594	+0.000	+0.000	+0.000

43	+0.01959	+15,492.12	+17,679.569	+ .000	+ .000	+ .000
44	+0.01856	+13,900.43	+16,750.015	+ .000	+ .000	+ .000
45	+0.01762	+19,556.26	+15,901.685	-5,570.000	+ .000	+ .000
46	+0.01657	+27,696.53	+14,954.082	-5,570.000	+ .000	+ .000
47	+0.01556	+62,418.47	+14,042.577	+13,761.370	+ .000	+ .000
48	+0.01489	+69,065.82	+13,437.916	+13,761.370	+ .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	+2,050.274	+0.000	+13,704.301	+0.000	+0.000
02	+0.000	+2,062.603	+0.000	+13,786.708	+0.000	+0.000
03	+0.000	+2,042.877	+0.000	+13,654.857	+0.000	+0.000
04	+0.000	+1,999.726	+0.000	+13,366.432	+0.000	+0.000
05	+0.000	+2,041.644	+0.000	+13,646.616	+0.000	+0.000
06	+0.000	+2,012.055	+0.000	+13,448.839	+0.000	+0.000
07	+0.000	+1,968.904	+0.000	+13,160.415	+0.000	+0.000
08	+0.000	+1,957.808	+0.000	+13,086.248	+0.000	+0.000
09	+0.000	+1,943.014	+0.000	+12,987.360	+0.000	+0.000
10	+0.000	+1,938.082	+0.000	+12,954.397	+0.000	+0.000
11	+0.000	+1,944.247	+0.000	+12,995.600	+0.000	+0.000
12	+0.000	+2,026.849	+0.000	+13,547.728	+0.000	+0.000
13	+0.000	+2,196.986	+0.000	+14,684.946	+0.000	+0.000
14	+0.000	+2,407.808	+0.000	+16,094.107	+0.000	+0.000
15	+0.000	+2,669.178	+0.000	+17,841.138	+0.000	+0.000
16	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
17	+0.000	+2,855.342	+0.000	+19,085.485	+0.000	+0.000
18	+0.000	+2,909.589	+0.000	+19,448.077	+0.000	+0.000
19	+0.000	+2,952.740	+0.000	+19,736.501	+0.000	+0.000
20	+0.000	+2,957.671	+0.000	+19,769.464	+0.000	+0.000
21	+0.000	+2,952.740	+0.000	+19,736.501	+0.000	+0.000
22	+0.000	+2,937.945	+0.000	+19,637.613	+0.000	+0.000
23	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
24	+0.000	+2,965.068	+0.000	+19,818.909	+0.000	+0.000
25	+0.000	+2,967.534	+0.000	+19,835.390	+0.000	+0.000
26	+0.000	+2,951.507	+0.000	+19,728.261	+0.000	+0.000
27	+0.000	+2,952.740	+0.000	+19,736.501	+0.000	+0.000
28	+0.000	+2,930.548	+0.000	+19,588.169	+0.000	+0.000
29	+0.000	+2,909.589	+0.000	+19,448.077	+0.000	+0.000
30	+0.000	+2,902.192	+0.000	+19,398.632	+0.000	+0.000
31	+0.000	+2,918.219	+0.000	+19,505.762	+0.000	+0.000
32	+0.000	+2,958.904	+0.000	+19,777.705	+0.000	+0.000
33	+0.000	+3,000.822	+0.000	+20,057.889	+0.000	+0.000
34	+0.000	+3,089.589	+0.000	+20,651.220	+0.000	+0.000
35	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
36	+0.000	+3,159.863	+0.000	+21,120.941	+0.000	+0.000
37	+0.000	+3,110.548	+0.000	+20,791.312	+0.000	+0.000
38	+0.000	+3,047.671	+0.000	+20,371.036	+0.000	+0.000
39	+0.000	+2,933.014	+0.000	+19,604.650	+0.000	+0.000
40	+0.000	+2,812.192	+0.000	+18,797.060	+0.000	+0.000
41	+0.000	+2,704.932	+0.000	+18,080.119	+0.000	+0.000
42	+0.000	+2,565.616	+0.000	+17,148.918	+0.000	+0.000

43	+.000	+2,415.205	+.000	+16,143.552	+.000	+.000
44	+.000	+2,288.219	+.000	+15,294.759	+.000	+.000
45	+.000	+2,172.329	+.000	+14,520.132	+.000	+.000
46	+.000	+2,042.877	+.000	+13,654.857	+.000	+.000
47	+.000	+1,918.356	+.000	+12,822.545	+.000	+.000
48	+.000	+1,835.753	+.000	+12,270.418	+.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	+68.656	+1,330.400	-1,358.834	+0.000	+0.000	+72,467.907
02	+69.068	+1,338.400	-1,367.005	+0.000	+0.000	+75,710.312
03	+68.408	+1,325.600	-1,353.932	+0.000	+0.000	+81,577.351
04	+66.963	+1,297.600	-1,325.333	+0.000	+0.000	+77,448.252
05	+68.367	+1,324.800	-1,353.115	+0.000	+0.000	+81,533.979
06	+67.376	+1,305.600	-1,333.504	+0.000	+0.000	+75,959.537
07	+65.931	+1,277.600	-1,304.906	+0.000	+0.000	+74,420.597
08	+65.559	+1,270.400	-1,297.552	+0.000	+0.000	+74,726.944
09	+65.064	+1,260.800	-1,287.747	+0.000	+0.000	+74,509.134
10	+64.899	+1,257.600	-1,284.479	+0.000	+0.000	+73,744.283
11	+65.105	+1,261.600	-1,288.564	+0.000	+0.000	+94,920.576
12	+67.871	+1,315.200	-1,343.310	+0.000	+0.000	+101,485.568
13	+73.568	+1,425.600	-1,456.069	+0.000	+0.000	+85,836.982
14	+80.628	+1,562.400	-1,595.793	+0.000	+0.000	+78,656.521
15	+89.380	+1,732.000	-1,769.018	+0.000	+0.000	+65,560.145
16	+93.096	+1,804.000	-1,842.557	+0.000	+0.000	+65,098.156
17	+95.614	+1,852.800	-1,892.400	+0.000	+0.000	+59,023.532
18	+97.431	+1,888.000	-1,928.352	+0.000	+0.000	+56,906.985
19	+98.876	+1,916.000	-1,956.950	+0.000	+0.000	+58,595.075
20	+99.041	+1,919.200	-1,960.219	+0.000	+0.000	+57,249.585
21	+98.876	+1,916.000	-1,956.950	+0.000	+0.000	+51,204.965
22	+98.380	+1,906.400	-1,947.145	+0.000	+0.000	+53,149.114
23	+98.711	+1,912.800	-1,953.682	+0.000	+0.000	+53,982.415
24	+99.289	+1,924.000	-1,965.121	+0.000	+0.000	+66,903.871
25	+99.371	+1,925.600	-1,966.756	+0.000	+0.000	+66,672.066
26	+98.834	+1,915.200	-1,956.133	+0.000	+0.000	+63,048.312
27	+98.876	+1,916.000	-1,956.950	+0.000	+0.000	+61,158.785
28	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+57,000.919
29	+97.431	+1,888.000	-1,928.352	+0.000	+0.000	+54,957.745
30	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+52,351.720
31	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+49,466.853
32	+99.082	+1,920.000	-1,961.036	+0.000	+0.000	+51,859.458
33	+100.486	+1,947.200	-1,988.817	+0.000	+0.000	+63,516.175
34	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+75,888.370
35	+106.555	+2,064.800	-2,108.931	+0.000	+0.000	+69,524.002
36	+105.811	+2,050.400	-2,094.223	+0.000	+0.000	+68,411.606
37	+104.160	+2,018.400	-2,061.539	+0.000	+0.000	+64,030.353
38	+102.055	+1,977.600	-2,019.867	+0.000	+0.000	+52,806.422
39	+98.215	+1,903.200	-1,943.877	+0.000	+0.000	+70,120.314
40	+94.169	+1,824.800	-1,863.801	+0.000	+0.000	+59,124.112
41	+90.578	+1,755.200	-1,792.714	+0.000	+0.000	+58,033.899
42	+85.912	+1,664.800	-1,700.382	+0.000	+0.000	+52,169.999



43	+80.876	+1,567.200	-1,600.696	+.000	+.000	+51,777.826
44	+76.623	+1,484.800	-1,516.534	+.000	+.000	+48,278.312
45	+72.743	+1,409.600	-1,439.727	+.000	+.000	+46,623.021
46	+68.408	+1,325.600	-1,353.932	+.000	+.000	+52,818.421
47	+64.238	+1,244.800	-1,271.405	+.000	+.000	+105,000.952
48	+61.472	+1,191.200	-1,216.659	+.000	+.000	+110,407.290