

Date: 21/11/2019

Settlement Day:13/11/2019

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: 227

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,085,044.930	+380,114,667.250
Balancing Services Contract Cost	+697,603.202	+166,492,693.998
Balancing Services Cost Variable	+243,284.410	+96,477,299.015
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	+27,984,287.620
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+187,064,126.080
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+937,151.340
ESO Incentive Recovery t-1	+80,000.000	+1,680,000.000
ALoMCP Recovery	-81,709.830	-1,715,906.430
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+187,064,126.080
Total External Costs	+2,151,638.803	+679,552,160.643
Total Adjusted Energy Volume (MWh)	+1,590,225.850	

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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	+25,911.077	+57,297.948	+2.21133
02	+26,496.962	+69,143.749	+2.60950
03	+26,379.242	+62,879.943	+2.38369
04	+25,862.151	+55,350.547	+2.14021
05	+25,530.999	+53,762.687	+2.10578
06	+25,601.823	+55,060.446	+2.15065
07	+25,461.810	+57,456.772	+2.25659
08	+25,191.365	+58,339.167	+2.31584
09	+25,240.773	+55,769.899	+2.20952
10	+25,164.026	+55,335.980	+2.19901
11	+25,682.021	+55,148.505	+2.14736
12	+26,657.194	+56,967.567	+2.13704
13	+29,990.782	+80,158.636	+2.67278
14	+33,120.769	+85,528.146	+2.58231
15	+35,993.679	+92,785.441	+2.57783
16	+36,685.918	+95,582.068	+2.60542
17	+36,881.945	+58,984.154	+1.59927
18	+36,720.484	+52,240.676	+1.42266
19	+36,980.392	+52,363.997	+1.41599
20	+36,587.353	+55,769.245	+1.52428
21	+36,269.335	+41,168.809	+1.13509
22	+35,967.485	+42,961.317	+1.19445
23	+35,622.075	+70,492.683	+1.97890
24	+35,334.493	+62,912.535	+1.78049
25	+35,737.044	+47,366.040	+1.32540
26	+36,067.071	+41,554.480	+1.15214
27	+36,136.798	+34,641.585	+0.95862
28	+36,059.380	+25,352.000	+0.70306
29	+36,420.458	+29,542.274	+0.81115
30	+36,689.311	+30,196.998	+0.82305
31	+37,205.277	+63,564.704	+1.70849
32	+37,933.404	+74,178.785	+1.95550
33	+39,320.135	+72,929.940	+1.85477
34	+40,532.778	+83,439.839	+2.05858
35	+40,064.390	+74,504.905	+1.85963
36	+39,836.059	+59,589.492	+1.49587
37	+39,923.840	+68,804.154	+1.72339
38	+39,847.468	+87,933.175	+2.20674
39	+39,113.344	+82,852.430	+2.11827
40	+38,409.055	+59,072.389	+1.53798
41	+37,427.115	+50,428.097	+1.34737
42	+35,667.254	+46,496.515	+1.30362

43	+33,664.477	+89,122.585	+2.64738
44	+31,606.709	+71,980.054	+2.27737
45	+29,977.060	+58,418.512	+1.94877
46	+28,080.588	+66,198.860	+2.35746
47	+25,222.226	+81,504.215	+3.23144
48	+23,950.456	+92,543.950	+3.86397

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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	+0.01629	+32,005.57	+11,363.956	-1,543.450	+0.000	+0.000
02	+0.01666	+43,241.84	+11,622.069	-1,543.450	+0.000	+0.000
03	+0.01659	+37,056.15	+11,573.237	-1,506.250	+0.000	+0.000
04	+0.01626	+30,070.39	+11,343.028	-1,506.250	+0.000	+0.000
05	+0.01605	+28,759.23	+11,196.531	-1,437.000	+0.000	+0.000
06	+0.01610	+29,974.62	+11,231.412	-1,437.000	+0.000	+0.000
07	+0.01601	+32,565.21	+11,168.627	-1,483.000	+0.000	+0.000
08	+0.01584	+33,727.66	+11,050.035	-1,483.000	+0.000	+0.000
09	+0.01587	+31,173.67	+11,070.963	-1,547.700	+0.000	+0.000
10	+0.01582	+30,822.12	+11,036.083	-1,547.700	+0.000	+0.000
11	+0.01615	+28,606.06	+11,266.292	-62.750	+0.000	+0.000
12	+0.01676	+29,420.22	+11,691.830	-62.750	+0.000	+0.000
13	+0.01886	+15,139.17	+13,156.796	+33,949.870	+0.000	+0.000
14	+0.02083	+17,263.34	+14,531.075	+33,949.870	+0.000	+0.000
15	+0.02263	+16,604.25	+15,786.760	+38,900.970	+0.000	+0.000
16	+0.02307	+18,676.03	+16,093.706	+38,900.970	+0.000	+0.000
17	+0.02319	+15,541.53	+16,177.418	+5,239.870	+0.000	+0.000
18	+0.02309	+8,962.79	+16,107.658	+5,239.870	+0.000	+0.000
19	+0.02325	+8,822.53	+16,219.274	+5,239.870	+0.000	+0.000
20	+0.02301	+12,623.15	+16,051.850	+5,239.870	+0.000	+0.000
21	+0.02281	-1,647.81	+15,912.329	+5,239.870	+0.000	+0.000
22	+0.02262	+457.70	+15,779.784	+5,239.870	+0.000	+0.000
23	+0.02240	+28,351.49	+15,626.312	+5,239.870	+0.000	+0.000
24	+0.02222	+21,067.87	+15,500.743	+5,239.870	+0.000	+0.000
25	+0.02247	+5,109.53	+15,675.144	+5,239.870	+0.000	+0.000
26	+0.02268	-1,047.98	+15,821.641	+5,239.870	+0.000	+0.000
27	+0.02272	-2,786.90	+15,849.545	+0.000	+0.000	+0.000
28	+0.02268	-12,010.59	+15,821.641	+0.000	+0.000	+0.000
29	+0.02290	-8,182.74	+15,975.113	+0.000	+0.000	+0.000
30	+0.02307	-7,808.07	+16,093.706	+0.000	+0.000	+0.000
31	+0.02340	+15,953.50	+16,323.915	+9,062.500	+0.000	+0.000
32	+0.02385	+25,826.26	+16,637.836	+9,062.500	+0.000	+0.000
33	+0.02473	+26,950.35	+17,251.727	+5,239.870	+0.000	+0.000
34	+0.02549	+36,208.24	+17,781.906	+5,239.870	+0.000	+0.000
35	+0.02519	+27,767.52	+17,572.625	+5,239.870	+0.000	+0.000
36	+0.02505	+13,082.74	+17,474.960	+5,239.870	+0.000	+0.000
37	+0.02511	+22,198.56	+17,516.816	+5,239.870	+0.000	+0.000
38	+0.02506	+41,409.95	+17,481.936	+5,239.870	+0.000	+0.000
39	+0.02460	+37,087.00	+17,161.039	+5,239.870	+0.000	+0.000
40	+0.02415	+14,048.28	+16,847.117	+5,239.870	+0.000	+0.000
41	+0.02354	+6,408.89	+16,421.579	+5,239.870	+0.000	+0.000
42	+0.02243	+9,545.77	+15,647.240	+0.000	+0.000	+0.000

43	+0.02117	+54,247.54	+14,768.260	+ .000	+ .000	+ .000
44	+0.01988	+39,230.13	+13,868.352	+ .000	+ .000	+ .000
45	+0.01885	+26,909.39	+13,149.820	+456.000	+ .000	+ .000
46	+0.01766	+36,650.12	+12,319.673	+456.000	+ .000	+ .000
47	+0.01586	+58,302.51	+11,063.987	-2,925.750	+ .000	+ .000
48	+0.01506	+70,660.15	+10,505.904	-2,925.750	+ .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	+2,008.356	+0.000	+13,424.117	+0.000	+0.000
02	+0.000	+2,053.973	+0.000	+13,729.024	+0.000	+0.000
03	+0.000	+2,045.342	+0.000	+13,671.339	+0.000	+0.000
04	+0.000	+2,004.658	+0.000	+13,399.395	+0.000	+0.000
05	+0.000	+1,978.767	+0.000	+13,226.340	+0.000	+0.000
06	+0.000	+1,984.932	+0.000	+13,267.544	+0.000	+0.000
07	+0.000	+1,973.836	+0.000	+13,193.377	+0.000	+0.000
08	+0.000	+1,952.877	+0.000	+13,053.285	+0.000	+0.000
09	+0.000	+1,956.575	+0.000	+13,078.007	+0.000	+0.000
10	+0.000	+1,950.411	+0.000	+13,036.804	+0.000	+0.000
11	+0.000	+1,991.096	+0.000	+13,308.747	+0.000	+0.000
12	+0.000	+2,066.301	+0.000	+13,811.431	+0.000	+0.000
13	+0.000	+2,325.205	+0.000	+15,541.980	+0.000	+0.000
14	+0.000	+2,568.082	+0.000	+17,165.400	+0.000	+0.000
15	+0.000	+2,790.000	+0.000	+18,648.728	+0.000	+0.000
16	+0.000	+2,844.247	+0.000	+19,011.319	+0.000	+0.000
17	+0.000	+2,859.041	+0.000	+19,110.207	+0.000	+0.000
18	+0.000	+2,846.712	+0.000	+19,027.800	+0.000	+0.000
19	+0.000	+2,866.438	+0.000	+19,159.652	+0.000	+0.000
20	+0.000	+2,836.849	+0.000	+18,961.875	+0.000	+0.000
21	+0.000	+2,812.192	+0.000	+18,797.060	+0.000	+0.000
22	+0.000	+2,788.767	+0.000	+18,640.487	+0.000	+0.000
23	+0.000	+2,761.644	+0.000	+18,459.191	+0.000	+0.000
24	+0.000	+2,739.452	+0.000	+18,310.859	+0.000	+0.000
25	+0.000	+2,770.274	+0.000	+18,516.876	+0.000	+0.000
26	+0.000	+2,796.164	+0.000	+18,689.931	+0.000	+0.000
27	+0.000	+2,801.096	+0.000	+18,722.894	+0.000	+0.000
28	+0.000	+2,796.164	+0.000	+18,689.931	+0.000	+0.000
29	+0.000	+2,823.288	+0.000	+18,871.227	+0.000	+0.000
30	+0.000	+2,844.247	+0.000	+19,011.319	+0.000	+0.000
31	+0.000	+2,884.932	+0.000	+19,283.262	+0.000	+0.000
32	+0.000	+2,940.411	+0.000	+19,654.094	+0.000	+0.000
33	+0.000	+3,048.904	+0.000	+20,379.277	+0.000	+0.000
34	+0.000	+3,142.603	+0.000	+21,005.571	+0.000	+0.000
35	+0.000	+3,105.616	+0.000	+20,758.349	+0.000	+0.000
36	+0.000	+3,088.356	+0.000	+20,642.980	+0.000	+0.000
37	+0.000	+3,095.753	+0.000	+20,692.424	+0.000	+0.000
38	+0.000	+3,089.589	+0.000	+20,651.220	+0.000	+0.000
39	+0.000	+3,032.877	+0.000	+20,272.148	+0.000	+0.000
40	+0.000	+2,977.397	+0.000	+19,901.316	+0.000	+0.000
41	+0.000	+2,902.192	+0.000	+19,398.632	+0.000	+0.000
42	+0.000	+2,765.342	+0.000	+18,483.913	+0.000	+0.000

43	+.000	+2,610.000	+.000	+17,445.584	+.000	+.000
44	+.000	+2,450.959	+.000	+16,382.532	+.000	+.000
45	+.000	+2,323.973	+.000	+15,533.739	+.000	+.000
46	+.000	+2,177.260	+.000	+14,553.095	+.000	+.000
47	+.000	+1,955.342	+.000	+13,069.767	+.000	+.000
48	+.000	+1,856.712	+.000	+12,410.510	+.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	+67.252	+1,303.200	-1,331.053	+0.000	+0.000	+57,297.948
02	+68.779	+1,332.800	-1,361.286	+0.000	+0.000	+69,143.749
03	+68.490	+1,327.200	-1,355.566	+0.000	+0.000	+62,879.943
04	+67.128	+1,300.800	-1,328.602	+0.000	+0.000	+55,350.547
05	+66.261	+1,284.000	-1,311.443	+0.000	+0.000	+53,762.687
06	+66.468	+1,288.000	-1,315.528	+0.000	+0.000	+55,060.446
07	+66.096	+1,280.800	-1,308.174	+0.000	+0.000	+57,456.772
08	+65.394	+1,267.200	-1,294.284	+0.000	+0.000	+58,339.167
09	+65.518	+1,269.600	-1,296.735	+0.000	+0.000	+55,769.899
10	+65.312	+1,265.600	-1,292.650	+0.000	+0.000	+55,335.980
11	+66.674	+1,292.000	-1,319.614	+0.000	+0.000	+55,148.505
12	+69.192	+1,340.800	-1,369.457	+0.000	+0.000	+56,967.567
13	+77.862	+1,508.800	-1,541.047	+0.000	+0.000	+80,158.636
14	+85.995	+1,666.400	-1,702.016	+0.000	+0.000	+85,528.146
15	+93.426	+1,810.400	-1,849.093	+0.000	+0.000	+92,785.441
16	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+95,582.068
17	+95.738	+1,855.200	-1,894.851	+0.000	+0.000	+58,984.154
18	+95.325	+1,847.200	-1,886.680	+0.000	+0.000	+52,240.676
19	+95.986	+1,860.000	-1,899.754	+0.000	+0.000	+52,363.997
20	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+55,769.245
21	+94.169	+1,824.800	-1,863.801	+0.000	+0.000	+41,168.809
22	+93.385	+1,809.600	-1,848.276	+0.000	+0.000	+42,961.317
23	+92.477	+1,792.000	-1,830.300	+0.000	+0.000	+70,492.683
24	+91.733	+1,777.600	-1,815.592	+0.000	+0.000	+62,912.535
25	+92.766	+1,797.600	-1,836.020	+0.000	+0.000	+47,366.040
26	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+41,554.480
27	+93.798	+1,817.600	-1,856.447	+0.000	+0.000	+34,641.585
28	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+25,352.000
29	+94.541	+1,832.000	-1,871.155	+0.000	+0.000	+29,542.274
30	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+30,196.998
31	+96.605	+1,872.000	-1,912.010	+0.000	+0.000	+63,564.704
32	+98.463	+1,908.000	-1,948.779	+0.000	+0.000	+74,178.785
33	+102.096	+1,978.400	-2,020.684	+0.000	+0.000	+72,929.940
34	+105.233	+2,039.200	-2,082.784	+0.000	+0.000	+83,439.839
35	+103.995	+2,015.200	-2,058.271	+0.000	+0.000	+74,504.905
36	+103.417	+2,004.000	-2,046.831	+0.000	+0.000	+59,589.492
37	+103.665	+2,008.800	-2,051.734	+0.000	+0.000	+68,804.154
38	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+87,933.175
39	+101.559	+1,968.000	-2,010.062	+0.000	+0.000	+82,852.430
40	+99.701	+1,932.000	-1,973.292	+0.000	+0.000	+59,072.389
41	+97.183	+1,883.200	-1,923.449	+0.000	+0.000	+50,428.097
42	+92.600	+1,794.400	-1,832.751	+0.000	+0.000	+46,496.515

43	+87.399	+1,693.600	-1,729.797	+.000	+.000	+89,122.585
44	+82.073	+1,590.400	-1,624.391	+.000	+.000	+71,980.054
45	+77.821	+1,508.000	-1,540.230	+.000	+.000	+58,418.512
46	+72.908	+1,412.800	-1,442.996	+.000	+.000	+66,198.860
47	+65.477	+1,268.800	-1,295.918	+.000	+.000	+81,504.215
48	+62.174	+1,204.800	-1,230.550	+.000	+.000	+92,543.950