

Date: 06/12/2019

Settlement Day:13/11/2019

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: 227

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,084,581.080	+380,434,101.660
Balancing Services Contract Cost	+869,665.792	+202,275,058.133
Balancing Services Cost Variable	+243,284.410	+95,821,419.175
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	+125,500.200	+26,534,986.836
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	+2,880,000.000
ALoMCP Recovery	-81,709.830	-2,941,553.880
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	+2,325,450.072	+712,941,163.264
Total Adjusted Energy Volume (MWh)	+1,591,868.795	

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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	+25,944.576	+60,124.677	+2.31743
02	+26,529.443	+72,024.299	+2.71488
03	+26,412.128	+65,736.687	+2.48888
04	+25,895.123	+58,174.877	+2.24656
05	+25,563.687	+56,550.379	+2.21214
06	+25,634.366	+57,837.706	+2.25626
07	+25,493.545	+60,214.437	+2.36195
08	+25,223.813	+61,085.382	+2.42173
09	+25,272.897	+58,524.501	+2.31570
10	+25,196.447	+58,086.638	+2.30535
11	+25,715.129	+57,933.348	+2.25289
12	+26,686.257	+59,864.518	+2.24327
13	+30,023.706	+83,434.855	+2.77897
14	+33,155.049	+89,153.977	+2.68900
15	+36,035.822	+96,749.643	+2.68482
16	+36,728.392	+99,612.335	+2.71213
17	+36,922.101	+63,060.554	+1.70794
18	+36,764.232	+56,383.025	+1.53364
19	+37,023.812	+56,532.210	+1.52691
20	+36,626.724	+59,782.076	+1.63220
21	+36,305.659	+45,146.375	+1.24351
22	+35,996.023	+46,985.984	+1.30531
23	+35,643.492	+74,380.619	+2.08679
24	+35,357.842	+66,769.891	+1.88840
25	+35,758.501	+51,261.915	+1.43356
26	+36,088.729	+45,489.293	+1.26048
27	+36,158.574	+38,584.109	+1.06708
28	+36,089.389	+29,294.803	+0.81173
29	+36,454.734	+33,538.904	+0.92002
30	+36,722.065	+34,222.975	+0.93195
31	+37,238.368	+67,613.215	+1.81569
32	+37,974.519	+78,334.123	+2.06281
33	+39,362.066	+77,217.364	+1.96172
34	+40,572.980	+87,852.482	+2.16530
35	+40,106.461	+78,872.875	+1.96659
36	+39,877.685	+63,943.593	+1.60349
37	+39,965.281	+73,161.853	+1.83064
38	+39,888.911	+92,269.300	+2.31316
39	+39,156.272	+87,112.368	+2.22474
40	+38,449.503	+63,268.383	+1.64549
41	+37,459.207	+54,511.727	+1.45523
42	+35,699.905	+50,400.626	+1.41179

43	+33,699.321	+92,783.470	+2.75327
44	+31,637.686	+75,392.907	+2.38301
45	+30,008.884	+61,679.098	+2.05536
46	+28,111.685	+69,243.818	+2.46317
47	+25,253.429	+84,210.298	+3.33461
48	+23,984.375	+95,112.620	+3.96561

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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	+0.01630	+31,975.14	+14,175.552	-1,543.450	+0.000	+0.000
02	+0.01667	+43,200.75	+14,497.329	-1,543.450	+0.000	+0.000
03	+0.01659	+37,021.67	+14,427.755	-1,506.250	+0.000	+0.000
04	+0.01627	+30,042.79	+14,149.462	-1,506.250	+0.000	+0.000
05	+0.01606	+28,731.59	+13,966.833	-1,437.000	+0.000	+0.000
06	+0.01610	+29,946.05	+14,001.619	-1,437.000	+0.000	+0.000
07	+0.01601	+32,532.73	+13,923.349	-1,483.000	+0.000	+0.000
08	+0.01585	+33,695.14	+13,784.203	-1,483.000	+0.000	+0.000
09	+0.01588	+31,144.31	+13,810.293	-1,547.700	+0.000	+0.000
10	+0.01583	+30,797.53	+13,766.809	-1,547.700	+0.000	+0.000
11	+0.01615	+28,576.36	+14,045.103	-62.750	+0.000	+0.000
12	+0.01676	+29,396.32	+14,575.599	-62.750	+0.000	+0.000
13	+0.01886	+15,128.56	+16,401.897	+33,949.870	+0.000	+0.000
14	+0.02083	+17,259.02	+18,115.138	+33,949.870	+0.000	+0.000
15	+0.02264	+16,606.39	+19,689.234	+38,900.970	+0.000	+0.000
16	+0.02307	+18,685.77	+20,063.190	+38,900.970	+0.000	+0.000
17	+0.02319	+15,576.49	+20,167.550	+5,239.870	+0.000	+0.000
18	+0.02310	+9,062.91	+20,089.280	+5,239.870	+0.000	+0.000
19	+0.02326	+8,920.63	+20,228.426	+5,239.870	+0.000	+0.000
20	+0.02301	+12,625.91	+20,011.010	+5,239.870	+0.000	+0.000
21	+0.02281	-1,645.46	+19,837.077	+5,239.870	+0.000	+0.000
22	+0.02261	+558.48	+19,663.144	+5,239.870	+0.000	+0.000
23	+0.02239	+28,353.88	+19,471.817	+5,239.870	+0.000	+0.000
24	+0.02221	+21,071.05	+19,315.277	+5,239.870	+0.000	+0.000
25	+0.02246	+5,107.66	+19,532.694	+5,239.870	+0.000	+0.000
26	+0.02267	-1,047.51	+19,715.324	+5,239.870	+0.000	+0.000
27	+0.02271	-2,785.69	+19,750.110	+0.000	+0.000	+0.000
28	+0.02267	-12,002.13	+19,715.324	+0.000	+0.000	+0.000
29	+0.02290	-8,177.01	+19,915.347	+0.000	+0.000	+0.000
30	+0.02307	-7,802.62	+20,063.190	+0.000	+0.000	+0.000
31	+0.02339	+15,942.19	+20,341.483	+9,062.500	+0.000	+0.000
32	+0.02386	+25,806.92	+20,750.226	+9,062.500	+0.000	+0.000
33	+0.02473	+26,927.95	+21,506.835	+5,239.870	+0.000	+0.000
34	+0.02549	+36,178.61	+22,167.781	+5,239.870	+0.000	+0.000
35	+0.02519	+27,745.50	+21,906.881	+5,239.870	+0.000	+0.000
36	+0.02505	+13,071.25	+21,785.128	+5,239.870	+0.000	+0.000
37	+0.02511	+22,180.21	+21,837.308	+5,239.870	+0.000	+0.000
38	+0.02506	+41,378.74	+21,793.825	+5,239.870	+0.000	+0.000
39	+0.02460	+37,059.77	+21,393.778	+5,239.870	+0.000	+0.000
40	+0.02415	+14,035.53	+21,002.429	+5,239.870	+0.000	+0.000
41	+0.02353	+6,408.30	+20,463.236	+5,239.870	+0.000	+0.000
42	+0.02243	+9,540.89	+19,506.604	+0.000	+0.000	+0.000

43	+0.02117	+54,219.02	+18,410.825	+ .000	+ .000	+ .000
44	+0.01987	+39,196.61	+17,280.259	+ .000	+ .000	+ .000
45	+0.01885	+26,884.89	+16,393.200	+456.000	+ .000	+ .000
46	+0.01766	+36,617.38	+15,358.298	+456.000	+ .000	+ .000
47	+0.01586	+58,244.59	+13,792.899	-2,925.750	+ .000	+ .000
48	+0.01507	+70,586.02	+13,105.863	-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	+2,045.653	+0.000	+13,432.358	+0.000	+0.000
02	+0.000	+2,092.088	+0.000	+13,737.264	+0.000	+0.000
03	+0.000	+2,082.048	+0.000	+13,671.339	+0.000	+0.000
04	+0.000	+2,041.888	+0.000	+13,407.636	+0.000	+0.000
05	+0.000	+2,015.533	+0.000	+13,234.581	+0.000	+0.000
06	+0.000	+2,020.553	+0.000	+13,267.544	+0.000	+0.000
07	+0.000	+2,009.258	+0.000	+13,193.377	+0.000	+0.000
08	+0.000	+1,989.178	+0.000	+13,061.526	+0.000	+0.000
09	+0.000	+1,992.943	+0.000	+13,086.248	+0.000	+0.000
10	+0.000	+1,986.668	+0.000	+13,045.045	+0.000	+0.000
11	+0.000	+2,026.828	+0.000	+13,308.747	+0.000	+0.000
12	+0.000	+2,103.383	+0.000	+13,811.431	+0.000	+0.000
13	+0.000	+2,366.934	+0.000	+15,541.980	+0.000	+0.000
14	+0.000	+2,614.169	+0.000	+17,165.400	+0.000	+0.000
15	+0.000	+2,841.325	+0.000	+18,656.968	+0.000	+0.000
16	+0.000	+2,895.290	+0.000	+19,011.319	+0.000	+0.000
17	+0.000	+2,910.350	+0.000	+19,110.207	+0.000	+0.000
18	+0.000	+2,899.055	+0.000	+19,036.041	+0.000	+0.000
19	+0.000	+2,919.135	+0.000	+19,167.892	+0.000	+0.000
20	+0.000	+2,887.760	+0.000	+18,961.875	+0.000	+0.000
21	+0.000	+2,862.660	+0.000	+18,797.060	+0.000	+0.000
22	+0.000	+2,837.560	+0.000	+18,632.246	+0.000	+0.000
23	+0.000	+2,809.949	+0.000	+18,450.951	+0.000	+0.000
24	+0.000	+2,787.359	+0.000	+18,302.618	+0.000	+0.000
25	+0.000	+2,818.734	+0.000	+18,508.636	+0.000	+0.000
26	+0.000	+2,845.090	+0.000	+18,681.690	+0.000	+0.000
27	+0.000	+2,850.110	+0.000	+18,714.653	+0.000	+0.000
28	+0.000	+2,845.090	+0.000	+18,681.690	+0.000	+0.000
29	+0.000	+2,873.955	+0.000	+18,871.227	+0.000	+0.000
30	+0.000	+2,895.290	+0.000	+19,011.319	+0.000	+0.000
31	+0.000	+2,935.450	+0.000	+19,275.022	+0.000	+0.000
32	+0.000	+2,994.435	+0.000	+19,662.335	+0.000	+0.000
33	+0.000	+3,103.620	+0.000	+20,379.277	+0.000	+0.000
34	+0.000	+3,199.000	+0.000	+21,005.571	+0.000	+0.000
35	+0.000	+3,161.350	+0.000	+20,758.349	+0.000	+0.000
36	+0.000	+3,143.780	+0.000	+20,642.980	+0.000	+0.000
37	+0.000	+3,151.310	+0.000	+20,692.424	+0.000	+0.000
38	+0.000	+3,145.035	+0.000	+20,651.220	+0.000	+0.000
39	+0.000	+3,087.305	+0.000	+20,272.148	+0.000	+0.000
40	+0.000	+3,030.830	+0.000	+19,901.316	+0.000	+0.000
41	+0.000	+2,953.020	+0.000	+19,390.392	+0.000	+0.000
42	+0.000	+2,814.969	+0.000	+18,483.913	+0.000	+0.000

43	+.000	+2,656.839	+.000	+17,445.584	+.000	+.000
44	+.000	+2,493.689	+.000	+16,374.292	+.000	+.000
45	+.000	+2,365.679	+.000	+15,533.739	+.000	+.000
46	+.000	+2,216.334	+.000	+14,553.095	+.000	+.000
47	+.000	+1,990.433	+.000	+13,069.767	+.000	+.000
48	+.000	+1,891.288	+.000	+12,418.751	+.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	+67.293	+1,304.000	-1,331.870	+0.000	+0.000	+60,124.677
02	+68.821	+1,333.600	-1,362.103	+0.000	+0.000	+72,024.299
03	+68.490	+1,327.200	-1,355.566	+0.000	+0.000	+65,736.687
04	+67.169	+1,301.600	-1,329.419	+0.000	+0.000	+58,174.877
05	+66.302	+1,284.800	-1,312.260	+0.000	+0.000	+56,550.379
06	+66.468	+1,288.000	-1,315.528	+0.000	+0.000	+57,837.706
07	+66.096	+1,280.800	-1,308.174	+0.000	+0.000	+60,214.437
08	+65.435	+1,268.000	-1,295.101	+0.000	+0.000	+61,085.382
09	+65.559	+1,270.400	-1,297.552	+0.000	+0.000	+58,524.501
10	+65.353	+1,266.400	-1,293.467	+0.000	+0.000	+58,086.638
11	+66.674	+1,292.000	-1,319.614	+0.000	+0.000	+57,933.348
12	+69.192	+1,340.800	-1,369.457	+0.000	+0.000	+59,864.518
13	+77.862	+1,508.800	-1,541.047	+0.000	+0.000	+83,434.855
14	+85.995	+1,666.400	-1,702.016	+0.000	+0.000	+89,153.977
15	+93.467	+1,811.200	-1,849.911	+0.000	+0.000	+96,749.643
16	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+99,612.335
17	+95.738	+1,855.200	-1,894.851	+0.000	+0.000	+63,060.554
18	+95.367	+1,848.000	-1,887.497	+0.000	+0.000	+56,383.025
19	+96.027	+1,860.800	-1,900.571	+0.000	+0.000	+56,532.210
20	+94.995	+1,840.800	-1,880.143	+0.000	+0.000	+59,782.076
21	+94.169	+1,824.800	-1,863.801	+0.000	+0.000	+45,146.375
22	+93.344	+1,808.800	-1,847.459	+0.000	+0.000	+46,985.984
23	+92.435	+1,791.200	-1,829.483	+0.000	+0.000	+74,380.619
24	+91.692	+1,776.800	-1,814.775	+0.000	+0.000	+66,769.891
25	+92.724	+1,796.800	-1,835.203	+0.000	+0.000	+51,261.915
26	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+45,489.293
27	+93.756	+1,816.800	-1,855.630	+0.000	+0.000	+38,584.109
28	+93.591	+1,813.600	-1,852.362	+0.000	+0.000	+29,294.803
29	+94.541	+1,832.000	-1,871.155	+0.000	+0.000	+33,538.904
30	+95.243	+1,845.600	-1,885.046	+0.000	+0.000	+34,222.975
31	+96.564	+1,871.200	-1,911.193	+0.000	+0.000	+67,613.215
32	+98.504	+1,908.800	-1,949.597	+0.000	+0.000	+78,334.123
33	+102.096	+1,978.400	-2,020.684	+0.000	+0.000	+77,217.364
34	+105.233	+2,039.200	-2,082.784	+0.000	+0.000	+87,852.482
35	+103.995	+2,015.200	-2,058.271	+0.000	+0.000	+78,872.875
36	+103.417	+2,004.000	-2,046.831	+0.000	+0.000	+63,943.593
37	+103.665	+2,008.800	-2,051.734	+0.000	+0.000	+73,161.853
38	+103.458	+2,004.800	-2,047.648	+0.000	+0.000	+92,269.300
39	+101.559	+1,968.000	-2,010.062	+0.000	+0.000	+87,112.368
40	+99.701	+1,932.000	-1,973.292	+0.000	+0.000	+63,268.383
41	+97.142	+1,882.400	-1,922.632	+0.000	+0.000	+54,511.727
42	+92.600	+1,794.400	-1,832.751	+0.000	+0.000	+50,400.626

43	+87.399	+1,693.600	-1,729.797	+.000	+.000	+92,783.470
44	+82.032	+1,589.600	-1,623.574	+.000	+.000	+75,392.907
45	+77.821	+1,508.000	-1,540.230	+.000	+.000	+61,679.098
46	+72.908	+1,412.800	-1,442.996	+.000	+.000	+69,243.818
47	+65.477	+1,268.800	-1,295.918	+.000	+.000	+84,210.298
48	+62.215	+1,205.600	-1,231.367	+.000	+.000	+95,112.620