

Date: 31/12/2019

Settlement Day:19/12/2019

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: 263

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,307,073.410	+58,134,011.240
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,282,559.430	+463,476,957.640
Balancing Services Contract Cost	+757,662.503	+192,735,564.329
Balancing Services Cost Variable	+226,855.290	+115,698,787.755
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	+32,422,643.776
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+216,730,683.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,085,774.460
ESO Incentive Recovery t-1	+0.000	+3,920,000.000
ALoMCP Recovery	-81,709.830	-4,657,460.310
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+216,730,683.520
Total External Costs	+3,312,783.484	+812,264,235.500
Total Adjusted Energy Volume (MWh)	+1,497,126.001	

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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	+24,476.364	+181,846.961	+7.42949
02	+24,675.758	+192,778.668	+7.81247
03	+24,497.789	+188,757.565	+7.70509
04	+24,123.093	+166,566.365	+6.90485
05	+23,900.337	+153,621.169	+6.42757
06	+23,672.753	+150,995.423	+6.37845
07	+23,328.906	+136,949.832	+5.87039
08	+23,010.923	+120,750.580	+5.24753
09	+22,876.644	+114,720.440	+5.01474
10	+22,937.084	+118,109.668	+5.14929
11	+23,210.128	+108,213.627	+4.66235
12	+24,451.741	+109,378.422	+4.47324
13	+26,265.859	+96,345.834	+3.66810
14	+28,565.170	+78,089.101	+2.73372
15	+30,961.628	+94,343.355	+3.04711
16	+32,984.833	+91,625.369	+2.77780
17	+34,338.860	+117,065.009	+3.40911
18	+34,343.112	+77,367.199	+2.25277
19	+35,073.092	+68,732.055	+1.95968
20	+35,366.260	+60,523.258	+1.71133
21	+35,135.017	+45,705.322	+1.30085
22	+35,292.503	+47,030.886	+1.33260
23	+35,298.186	+42,069.621	+1.19184
24	+35,396.263	+48,272.617	+1.36378
25	+35,711.304	+55,984.619	+1.56770
26	+35,937.698	+71,871.415	+1.99989
27	+35,518.478	+99,949.832	+2.81402
28	+35,520.015	+81,560.277	+2.29618
29	+35,696.116	+63,278.205	+1.77269
30	+35,698.996	+51,673.929	+1.44749
31	+36,189.543	+48,730.840	+1.34654
32	+36,779.686	+66,532.256	+1.80894
33	+37,583.576	+64,321.449	+1.71142
34	+38,309.521	+70,286.935	+1.83471
35	+38,428.515	+71,597.860	+1.86314
36	+38,053.231	+71,177.310	+1.87047
37	+37,599.052	+63,466.123	+1.68797
38	+37,165.389	+54,782.906	+1.47403
39	+36,255.777	+52,415.902	+1.44573
40	+35,127.877	+44,501.468	+1.26684
41	+33,853.869	+44,712.504	+1.32075
42	+32,308.050	+42,052.241	+1.30160

43	+30,611.429	+53,438.824	+1.74571
44	+28,879.643	+46,242.224	+1.60120
45	+27,153.459	+50,686.878	+1.86668
46	+25,656.832	+59,253.838	+2.30948
47	+24,588.438	+95,046.852	+3.86551
48	+24,317.204	+103,366.392	+4.25075

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost(£)	Cashflow SO RR Cost(£)	Total SO Cashflow Cost(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)
01	+0.01635	+143,915.25	+0.00	+143,787.98	+12,387.782	+11,450.340
02	+0.01648	+155,262.83	+0.00	+154,508.12	+12,486.278	+11,450.340
03	+0.01636	+150,515.45	+0.00	+150,161.77	+12,395.359	+11,970.880
04	+0.01611	+128,739.80	+0.00	+128,377.43	+12,205.943	+11,970.880
05	+0.01596	+115,699.55	+0.00	+115,487.24	+12,092.294	+12,159.990
06	+0.01581	+113,458.80	+0.00	+113,105.61	+11,978.644	+12,159.990
07	+0.01558	+91,400.77	+0.00	+91,088.58	+11,804.382	+20,505.740
08	+0.01537	+75,471.52	+0.00	+75,231.09	+11,645.273	+20,505.740
09	+0.01528	+73,990.34	+0.00	+72,868.11	+11,577.083	+16,985.050
10	+0.01532	+76,571.73	+0.00	+76,192.24	+11,607.390	+16,985.050
11	+0.01550	+90,414.41	+0.00	+89,826.73	+11,743.769	-6,838.420
12	+0.01633	+90,890.37	+0.00	+89,640.75	+12,372.629	-6,838.420
13	+0.01754	+85,160.79	+0.00	+84,782.19	+13,289.400	-16,981.650
14	+0.01908	+64,286.25	+0.00	+64,019.20	+14,456.201	-16,981.650
15	+0.02068	+54,603.86	+0.00	+53,850.29	+15,668.461	+6,837.610
16	+0.02203	+49,490.65	+0.00	+48,935.26	+16,691.305	+6,837.610
17	+0.02294	+73,150.87	+0.00	+72,893.93	+17,380.778	+6,837.610
18	+0.02294	+34,177.64	+0.00	+33,196.12	+17,380.778	+6,837.610
19	+0.02343	+24,605.71	+0.00	+23,763.53	+17,752.032	+6,837.610
20	+0.02362	+15,464.71	+0.00	+15,245.52	+17,895.988	+6,837.610
21	+0.02347	+884.77	+0.00	+671.70	+17,782.339	+6,837.610
22	+0.02357	+1,846.37	+0.00	+1,834.52	+17,858.105	+6,837.610
23	+0.02358	-3,117.30	+0.00	-3,143.02	+17,865.682	+6,837.610
24	+0.02364	+3,139.72	+0.00	+2,962.33	+17,911.142	+6,837.610
25	+0.02385	+12,267.33	+0.00	+11,948.25	+18,070.251	+5,221.930
26	+0.02400	+27,820.56	+0.00	+27,590.93	+18,183.900	+5,221.930
27	+0.02372	+61,599.53	+0.00	+61,346.96	+17,971.755	+0.000
28	+0.02373	+43,323.85	+0.00	+42,941.13	+17,979.331	+0.000
29	+0.02384	+24,696.40	+0.00	+24,480.04	+18,062.674	+0.000
30	+0.02385	+15,364.40	+0.00	+12,859.49	+18,070.251	+0.000
31	+0.02417	+13,957.84	+0.00	+9,395.62	+18,312.703	+0.000
32	+0.02457	+27,221.19	+0.00	+26,546.06	+18,615.768	+0.000
33	+0.02510	+19,021.70	+0.00	+18,250.78	+19,017.329	+5,221.930
34	+0.02559	+23,764.92	+0.00	+23,418.82	+19,388.583	+5,221.930
35	+0.02567	+25,069.64	+0.00	+24,599.55	+19,449.196	+5,221.930
36	+0.02542	+24,777.75	+0.00	+24,585.86	+19,259.781	+5,221.930
37	+0.02511	+17,422.54	+0.00	+17,379.18	+19,024.905	+5,221.930
38	+0.02482	+9,498.41	+0.00	+9,167.92	+18,805.183	+5,221.930
39	+0.02422	+7,911.70	+0.00	+7,777.38	+18,350.586	+5,221.930
40	+0.02346	+1,256.11	+0.00	+1,099.80	+17,774.762	+5,221.930
41	+0.02261	+2,776.97	+0.00	+2,694.16	+17,130.749	+5,221.930
42	+0.02158	+7,038.17	+0.00	+6,932.09	+16,350.357	+0.000

43	+0.02045	+19,631.11	+.00	+19,521.18	+15,494.198	+636.500
44	+0.01929	+14,435.41	+.00	+14,212.41	+14,615.310	+636.500
45	+0.01814	+24,781.35	+.00	+24,632.62	+13,743.998	-3,467.500
46	+0.01714	+35,471.57	+.00	+34,827.02	+12,986.335	-3,467.500
47	+0.01642	+64,642.54	+.00	+64,226.24	+12,440.818	+4,098.050
48	+0.01624	+73,297.56	+.00	+72,838.72	+12,304.439	+4,098.050

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	+0.000	+0.000	+0.000	+2,015.753	+0.000	+13,473.562
02	+0.000	+0.000	+0.000	+2,031.781	+0.000	+13,580.691
03	+0.000	+0.000	+0.000	+2,016.986	+0.000	+13,481.802
04	+0.000	+0.000	+0.000	+1,986.164	+0.000	+13,275.784
05	+0.000	+0.000	+0.000	+1,967.671	+0.000	+13,152.174
06	+0.000	+0.000	+0.000	+1,949.178	+0.000	+13,028.563
07	+0.000	+0.000	+0.000	+1,920.822	+0.000	+12,839.027
08	+0.000	+0.000	+0.000	+1,894.932	+0.000	+12,665.972
09	+0.000	+0.000	+0.000	+1,883.836	+0.000	+12,591.805
10	+0.000	+0.000	+0.000	+1,888.767	+0.000	+12,624.768
11	+0.000	+0.000	+0.000	+1,910.959	+0.000	+12,773.101
12	+0.000	+0.000	+0.000	+2,013.288	+0.000	+13,457.080
13	+0.000	+0.000	+0.000	+2,162.466	+0.000	+14,454.206
14	+0.000	+0.000	+0.000	+2,352.329	+0.000	+15,723.275
15	+0.000	+0.000	+0.000	+2,549.589	+0.000	+17,041.789
16	+0.000	+0.000	+0.000	+2,716.027	+0.000	+18,154.285
17	+0.000	+0.000	+0.000	+2,828.219	+0.000	+18,904.190
18	+0.000	+0.000	+0.000	+2,828.219	+0.000	+18,904.190
19	+0.000	+0.000	+0.000	+2,888.630	+0.000	+19,307.984
20	+0.000	+0.000	+0.000	+2,912.055	+0.000	+19,464.558
21	+0.000	+0.000	+0.000	+2,893.562	+0.000	+19,340.947
22	+0.000	+0.000	+0.000	+2,905.890	+0.000	+19,423.354
23	+0.000	+0.000	+0.000	+2,907.123	+0.000	+19,431.595
24	+0.000	+0.000	+0.000	+2,914.521	+0.000	+19,481.039
25	+0.000	+0.000	+0.000	+2,940.411	+0.000	+19,654.094
26	+0.000	+0.000	+0.000	+2,958.904	+0.000	+19,777.705
27	+0.000	+0.000	+0.000	+2,924.384	+0.000	+19,546.965
28	+0.000	+0.000	+0.000	+2,925.616	+0.000	+19,555.206
29	+0.000	+0.000	+0.000	+2,939.178	+0.000	+19,645.854
30	+0.000	+0.000	+0.000	+2,940.411	+0.000	+19,654.094
31	+0.000	+0.000	+0.000	+2,979.863	+0.000	+19,917.797
32	+0.000	+0.000	+0.000	+3,029.178	+0.000	+20,247.425
33	+0.000	+0.000	+0.000	+3,094.521	+0.000	+20,684.183
34	+0.000	+0.000	+0.000	+3,154.932	+0.000	+21,087.978
35	+0.000	+0.000	+0.000	+3,164.795	+0.000	+21,153.904
36	+0.000	+0.000	+0.000	+3,133.973	+0.000	+20,947.886
37	+0.000	+0.000	+0.000	+3,095.753	+0.000	+20,692.424
38	+0.000	+0.000	+0.000	+3,060.000	+0.000	+20,453.443
39	+0.000	+0.000	+0.000	+2,986.027	+0.000	+19,959.001
40	+0.000	+0.000	+0.000	+2,892.329	+0.000	+19,332.707
41	+0.000	+0.000	+0.000	+2,787.534	+0.000	+18,632.246
42	+0.000	+0.000	+0.000	+2,660.548	+0.000	+17,783.453

43	+.000	+.000	+.000	+2,521.233	+.000	+16,852.253
44	+.000	+.000	+.000	+2,378.219	+.000	+15,896.330
45	+.000	+.000	+.000	+2,236.438	+.000	+14,948.649
46	+.000	+.000	+.000	+2,113.151	+.000	+14,124.578
47	+.000	+.000	+.000	+2,024.384	+.000	+13,531.246
48	+.000	+.000	+.000	+2,002.192	+.000	+13,382.914

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+67.500	+.000	-1,335.956	+.000
02	+.000	+.000	+68.036	+.000	-1,346.578	+.000
03	+.000	+.000	+67.541	+.000	-1,336.773	+.000
04	+.000	+.000	+66.509	+.000	-1,316.345	+.000
05	+.000	+.000	+65.890	+.000	-1,304.089	+.000
06	+.000	+.000	+65.270	+.000	-1,291.832	+.000
07	+.000	+.000	+64.321	+.000	-1,273.039	+.000
08	+.000	+.000	+63.454	+.000	-1,255.880	+.000
09	+.000	+.000	+63.082	+.000	-1,248.526	+.000
10	+.000	+.000	+63.247	+.000	-1,251.795	+.000
11	+.000	+.000	+63.991	+.000	-1,266.502	+.000
12	+.000	+.000	+67.417	+.000	-1,334.322	+.000
13	+.000	+.000	+72.412	+.000	-1,433.190	+.000
14	+.000	+.000	+78.770	+.000	-1,559.024	+.000
15	+.000	+.000	+85.376	+.000	-1,689.759	+.000
16	+.000	+.000	+90.949	+.000	-1,800.068	+.000
17	+.000	+.000	+94.706	+.000	-1,874.424	+.000
18	+.000	+.000	+94.706	+.000	-1,874.424	+.000
19	+.000	+.000	+96.729	+.000	-1,914.461	+.000
20	+.000	+.000	+97.513	+.000	-1,929.986	+.000
21	+.000	+.000	+96.894	+.000	-1,917.730	+.000
22	+.000	+.000	+97.307	+.000	-1,925.901	+.000
23	+.000	+.000	+97.348	+.000	-1,926.718	+.000
24	+.000	+.000	+97.596	+.000	-1,931.620	+.000
25	+.000	+.000	+98.463	+.000	-1,948.779	+.000
26	+.000	+.000	+99.082	+.000	-1,961.036	+.000
27	+.000	+.000	+97.926	+.000	-1,938.157	+.000
28	+.000	+.000	+97.967	+.000	-1,938.974	+.000
29	+.000	+.000	+98.422	+.000	-1,947.962	+.000
30	+.000	+.000	+98.463	+.000	-1,948.779	+.000
31	+.000	+.000	+99.784	+.000	-1,974.927	+.000
32	+.000	+.000	+101.435	+.000	-2,007.611	+.000
33	+.000	+.000	+103.623	+.000	-2,050.917	+.000
34	+.000	+.000	+105.646	+.000	-2,090.955	+.000
35	+.000	+.000	+105.977	+.000	-2,097.491	+.000
36	+.000	+.000	+104.944	+.000	-2,077.064	+.000
37	+.000	+.000	+103.665	+.000	-2,051.734	+.000
38	+.000	+.000	+102.467	+.000	-2,028.038	+.000
39	+.000	+.000	+99.990	+.000	-1,979.012	+.000
40	+.000	+.000	+96.853	+.000	-1,916.913	+.000
41	+.000	+.000	+93.344	+.000	-1,847.459	+.000
42	+.000	+.000	+89.091	+.000	-1,763.298	+.000

43	+.000	+.000	+84.426	+.000	-1,670.966	+.000
44	+.000	+.000	+79.637	+.000	-1,576.183	+.000
45	+.000	+.000	+74.890	+.000	-1,482.216	+.000
46	+.000	+.000	+70.761	+.000	-1,400.506	+.000
47	+.000	+.000	+67.789	+.000	-1,341.675	+.000
48	+.000	+.000	+67.046	+.000	-1,326.968	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+181,846.961
02	+ .000	+192,778.668
03	+ .000	+188,757.565
04	+ .000	+166,566.365
05	+ .000	+153,621.169
06	+ .000	+150,995.423
07	+ .000	+136,949.832
08	+ .000	+120,750.580
09	+ .000	+114,720.440
10	+ .000	+118,109.668
11	+ .000	+108,213.627
12	+ .000	+109,378.422
13	+ .000	+96,345.834
14	+ .000	+78,089.101
15	+ .000	+94,343.355
16	+ .000	+91,625.369
17	+ .000	+117,065.009
18	+ .000	+77,367.199
19	+ .000	+68,732.055
20	+ .000	+60,523.258
21	+ .000	+45,705.322
22	+ .000	+47,030.886
23	+ .000	+42,069.621
24	+ .000	+48,272.617
25	+ .000	+55,984.619
26	+ .000	+71,871.415
27	+ .000	+99,949.832
28	+ .000	+81,560.277
29	+ .000	+63,278.205
30	+ .000	+51,673.929
31	+ .000	+48,730.840
32	+ .000	+66,532.256
33	+ .000	+64,321.449
34	+ .000	+70,286.935
35	+ .000	+71,597.860
36	+ .000	+71,177.310
37	+ .000	+63,466.123
38	+ .000	+54,782.906
39	+ .000	+52,415.902
40	+ .000	+44,501.468
41	+ .000	+44,712.504
42	+ .000	+42,052.241

43	+.000	+53,438.824
44	+.000	+46,242.224
45	+.000	+50,686.878
46	+.000	+59,253.838
47	+.000	+95,046.852
48	+.000	+103,366.392