

Date: 17/01/2020

Settlement Day:19/12/2019

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: 263

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,306,762.410	+79,497,298.810
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,282,317.440	+463,878,140.310
Balancing Services Contract Cost	+931,392.061	+232,590,438.820
Balancing Services Cost Variable	+226,855.290	+115,039,258.855
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	+121,370.926	+31,016,235.510
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	+4,240,000.000
ALoMCP Recovery	-81,709.830	-5,883,107.760
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	+3,484,354.307	+848,966,740.195
Total Adjusted Energy Volume (MWh)	+1,497,352.628	

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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	+24,486.111	+184,645.740	+7.54084
02	+24,684.570	+195,610.726	+7.92441
03	+24,507.388	+191,571.135	+7.81687
04	+24,131.971	+169,332.092	+7.01692
05	+23,909.687	+156,362.124	+6.53970
06	+23,681.182	+153,709.466	+6.49079
07	+23,337.600	+139,623.468	+5.98277
08	+23,019.863	+123,374.803	+5.35949
09	+22,885.387	+117,329.570	+5.12683
10	+22,945.761	+120,723.890	+5.26127
11	+23,219.200	+110,875.758	+4.77518
12	+24,460.842	+112,183.328	+4.58624
13	+26,274.832	+99,356.533	+3.78143
14	+28,575.821	+81,356.150	+2.84703
15	+30,971.248	+97,886.014	+3.16054
16	+32,993.286	+95,400.235	+2.89150
17	+34,343.087	+121,001.495	+3.52331
18	+34,347.033	+81,307.555	+2.36724
19	+35,075.449	+72,739.826	+2.07381
20	+35,366.642	+64,580.697	+1.82603
21	+35,140.737	+49,737.699	+1.41539
22	+35,295.043	+51,080.344	+1.44724
23	+35,301.258	+46,121.147	+1.30650
24	+35,397.699	+52,334.112	+1.47846
25	+35,711.960	+60,082.055	+1.68241
26	+35,940.786	+75,993.653	+2.11441
27	+35,522.517	+104,024.042	+2.92840
28	+35,525.344	+85,642.945	+2.41076
29	+35,697.998	+67,397.872	+1.88800
30	+35,702.956	+55,781.392	+1.56237
31	+36,193.077	+52,883.286	+1.46114
32	+36,780.650	+70,744.134	+1.92341
33	+37,583.568	+68,633.681	+1.82616
34	+38,310.327	+74,683.224	+1.94943
35	+38,429.166	+75,990.742	+1.97742
36	+38,052.860	+75,525.969	+1.98476
37	+37,600.426	+67,780.403	+1.80265
38	+37,166.910	+59,047.080	+1.58870
39	+36,256.498	+56,559.136	+1.55997
40	+35,129.158	+48,532.196	+1.38154
41	+33,854.708	+48,597.102	+1.43546
42	+32,311.571	+45,759.541	+1.41620

43	+30,615.100	+56,950.656	+1.86021
44	+28,884.170	+49,554.923	+1.71564
45	+27,155.638	+53,801.492	+1.98123
46	+25,659.366	+62,195.610	+2.42390
47	+24,592.017	+97,858.998	+3.97930
48	+24,324.160	+106,143.313	+4.36370

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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	+143,904.89	+0.00	+143,777.62	+15,228.260	+11,450.340
02	+0.01649	+155,245.36	+0.00	+154,490.71	+15,358.655	+11,450.340
03	+0.01637	+150,500.14	+0.00	+150,146.49	+15,246.888	+11,970.880
04	+0.01612	+128,719.60	+0.00	+128,357.26	+15,014.040	+11,970.880
05	+0.01597	+115,680.40	+0.00	+115,468.07	+14,874.331	+12,159.990
06	+0.01582	+113,438.61	+0.00	+113,085.30	+14,734.622	+12,159.990
07	+0.01559	+91,379.62	+0.00	+91,067.38	+14,520.402	+20,505.740
08	+0.01537	+75,455.06	+0.00	+75,214.55	+14,315.496	+20,505.740
09	+0.01528	+73,973.90	+0.00	+72,851.94	+14,231.671	+16,985.050
10	+0.01532	+76,553.77	+0.00	+76,174.29	+14,268.926	+16,985.050
11	+0.01551	+90,395.54	+0.00	+89,807.77	+14,445.891	-6,838.420
12	+0.01634	+90,871.44	+0.00	+89,621.96	+15,218.946	-6,838.420
13	+0.01755	+85,139.84	+0.00	+84,761.30	+16,345.931	-16,981.650
14	+0.01908	+64,275.10	+0.00	+64,008.06	+17,770.961	-16,981.650
15	+0.02068	+54,593.29	+0.00	+53,839.86	+19,261.188	+6,837.610
16	+0.02203	+49,480.35	+0.00	+48,925.09	+20,518.567	+6,837.610
17	+0.02294	+73,146.01	+0.00	+72,889.03	+21,366.134	+6,837.610
18	+0.02294	+34,176.68	+0.00	+33,195.09	+21,366.134	+6,837.610
19	+0.02342	+24,605.89	+0.00	+23,763.72	+21,813.202	+6,837.610
20	+0.02362	+15,463.92	+0.00	+15,244.74	+21,999.480	+6,837.610
21	+0.02347	+884.69	+0.00	+671.63	+21,859.772	+6,837.610
22	+0.02357	+1,846.20	+0.00	+1,834.35	+21,952.911	+6,837.610
23	+0.02358	-3,117.12	+0.00	-3,142.84	+21,962.225	+6,837.610
24	+0.02364	+3,139.54	+0.00	+2,962.17	+22,018.108	+6,837.610
25	+0.02385	+12,267.02	+0.00	+11,947.95	+22,213.701	+5,221.930
26	+0.02400	+27,819.28	+0.00	+27,589.66	+22,353.409	+5,221.930
27	+0.02372	+61,598.34	+0.00	+61,345.77	+22,092.620	+0.000
28	+0.02373	+43,321.82	+0.00	+42,946.68	+22,101.934	+0.000
29	+0.02384	+24,696.40	+0.00	+24,503.69	+22,204.387	+0.000
30	+0.02384	+15,363.36	+0.00	+12,887.21	+22,204.387	+0.000
31	+0.02417	+13,957.77	+0.00	+9,395.35	+22,511.746	+0.000
32	+0.02456	+27,221.13	+0.00	+26,554.49	+22,874.989	+0.000
33	+0.02510	+19,021.42	+0.00	+18,250.51	+23,377.941	+5,221.930
34	+0.02559	+23,764.52	+0.00	+23,418.42	+23,834.323	+5,221.930
35	+0.02566	+25,070.10	+0.00	+24,599.99	+23,899.520	+5,221.930
36	+0.02541	+24,776.91	+0.00	+24,585.03	+23,666.672	+5,221.930
37	+0.02511	+17,422.60	+0.00	+17,379.24	+23,387.255	+5,221.930
38	+0.02482	+9,498.19	+0.00	+9,167.70	+23,117.151	+5,221.930
39	+0.02421	+7,911.62	+0.00	+7,777.30	+22,549.002	+5,221.930
40	+0.02346	+1,256.11	+0.00	+1,099.80	+21,850.458	+5,221.930
41	+0.02261	+2,776.88	+0.00	+2,694.07	+21,058.774	+5,221.930
42	+0.02158	+7,037.76	+0.00	+6,931.67	+20,099.441	+0.000

43	+0.02045	+19,629.37	+ .00	+19,519.44	+19,046.968	+636.500
44	+0.01929	+14,433.81	+ .00	+14,210.84	+17,966.553	+636.500
45	+0.01814	+24,779.28	+ .00	+24,630.55	+16,895.452	-3,467.500
46	+0.01714	+35,468.41	+ .00	+34,823.92	+15,964.060	-3,467.500
47	+0.01642	+64,633.45	+ .00	+64,217.22	+15,293.458	+4,098.050
48	+0.01624	+73,284.14	+ .00	+72,825.40	+15,125.807	+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	+1,984.415	+0.000	+13,473.562
02	+0.000	+0.000	+0.000	+2,001.407	+0.000	+13,588.931
03	+0.000	+0.000	+0.000	+1,986.842	+0.000	+13,490.043
04	+0.000	+0.000	+0.000	+1,956.499	+0.000	+13,284.025
05	+0.000	+0.000	+0.000	+1,938.294	+0.000	+13,160.415
06	+0.000	+0.000	+0.000	+1,920.088	+0.000	+13,036.804
07	+0.000	+0.000	+0.000	+1,892.173	+0.000	+12,847.268
08	+0.000	+0.000	+0.000	+1,865.471	+0.000	+12,665.972
09	+0.000	+0.000	+0.000	+1,854.548	+0.000	+12,591.805
10	+0.000	+0.000	+0.000	+1,859.403	+0.000	+12,624.768
11	+0.000	+0.000	+0.000	+1,882.463	+0.000	+12,781.342
12	+0.000	+0.000	+0.000	+1,983.201	+0.000	+13,465.321
13	+0.000	+0.000	+0.000	+2,130.060	+0.000	+14,462.447
14	+0.000	+0.000	+0.000	+2,315.757	+0.000	+15,723.275
15	+0.000	+0.000	+0.000	+2,509.951	+0.000	+17,041.789
16	+0.000	+0.000	+0.000	+2,673.801	+0.000	+18,154.285
17	+0.000	+0.000	+0.000	+2,784.249	+0.000	+18,904.190
18	+0.000	+0.000	+0.000	+2,784.249	+0.000	+18,904.190
19	+0.000	+0.000	+0.000	+2,842.507	+0.000	+19,299.744
20	+0.000	+0.000	+0.000	+2,866.781	+0.000	+19,464.558
21	+0.000	+0.000	+0.000	+2,848.576	+0.000	+19,340.947
22	+0.000	+0.000	+0.000	+2,860.713	+0.000	+19,423.354
23	+0.000	+0.000	+0.000	+2,861.926	+0.000	+19,431.595
24	+0.000	+0.000	+0.000	+2,869.209	+0.000	+19,481.039
25	+0.000	+0.000	+0.000	+2,894.697	+0.000	+19,654.094
26	+0.000	+0.000	+0.000	+2,912.902	+0.000	+19,777.705
27	+0.000	+0.000	+0.000	+2,878.918	+0.000	+19,546.965
28	+0.000	+0.000	+0.000	+2,880.132	+0.000	+19,555.206
29	+0.000	+0.000	+0.000	+2,893.483	+0.000	+19,645.854
30	+0.000	+0.000	+0.000	+2,893.483	+0.000	+19,645.854
31	+0.000	+0.000	+0.000	+2,933.535	+0.000	+19,917.797
32	+0.000	+0.000	+0.000	+2,980.870	+0.000	+20,239.185
33	+0.000	+0.000	+0.000	+3,046.410	+0.000	+20,684.183
34	+0.000	+0.000	+0.000	+3,105.882	+0.000	+21,087.978
35	+0.000	+0.000	+0.000	+3,114.378	+0.000	+21,145.663
36	+0.000	+0.000	+0.000	+3,084.035	+0.000	+20,939.645
37	+0.000	+0.000	+0.000	+3,047.624	+0.000	+20,692.424
38	+0.000	+0.000	+0.000	+3,012.426	+0.000	+20,453.443
39	+0.000	+0.000	+0.000	+2,938.390	+0.000	+19,950.760
40	+0.000	+0.000	+0.000	+2,847.362	+0.000	+19,332.707
41	+0.000	+0.000	+0.000	+2,744.197	+0.000	+18,632.246
42	+0.000	+0.000	+0.000	+2,619.185	+0.000	+17,783.453

43	+.000	+.000	+.000	+2,482.035	+.000	+16,852.253
44	+.000	+.000	+.000	+2,341.245	+.000	+15,896.330
45	+.000	+.000	+.000	+2,201.669	+.000	+14,948.649
46	+.000	+.000	+.000	+2,080.298	+.000	+14,124.578
47	+.000	+.000	+.000	+1,992.911	+.000	+13,531.246
48	+.000	+.000	+.000	+1,971.064	+.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	+68.078	+.000	-1,347.395	+.000
03	+.000	+.000	+67.582	+.000	-1,337.590	+.000
04	+.000	+.000	+66.550	+.000	-1,317.162	+.000
05	+.000	+.000	+65.931	+.000	-1,304.906	+.000
06	+.000	+.000	+65.312	+.000	-1,292.650	+.000
07	+.000	+.000	+64.362	+.000	-1,273.856	+.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	+64.032	+.000	-1,267.319	+.000
12	+.000	+.000	+67.458	+.000	-1,335.139	+.000
13	+.000	+.000	+72.454	+.000	-1,434.008	+.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	+96.688	+.000	-1,913.644	+.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	+98.422	+.000	-1,947.962	+.000
31	+.000	+.000	+99.784	+.000	-1,974.927	+.000
32	+.000	+.000	+101.394	+.000	-2,006.793	+.000
33	+.000	+.000	+103.623	+.000	-2,050.917	+.000
34	+.000	+.000	+105.646	+.000	-2,090.955	+.000
35	+.000	+.000	+105.935	+.000	-2,096.674	+.000
36	+.000	+.000	+104.903	+.000	-2,076.247	+.000
37	+.000	+.000	+103.665	+.000	-2,051.734	+.000
38	+.000	+.000	+102.467	+.000	-2,028.038	+.000
39	+.000	+.000	+99.949	+.000	-1,978.195	+.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	+184,645.740
02	+ .000	+195,610.726
03	+ .000	+191,571.135
04	+ .000	+169,332.092
05	+ .000	+156,362.124
06	+ .000	+153,709.466
07	+ .000	+139,623.468
08	+ .000	+123,374.803
09	+ .000	+117,329.570
10	+ .000	+120,723.890
11	+ .000	+110,875.758
12	+ .000	+112,183.328
13	+ .000	+99,356.533
14	+ .000	+81,356.150
15	+ .000	+97,886.014
16	+ .000	+95,400.235
17	+ .000	+121,001.495
18	+ .000	+81,307.555
19	+ .000	+72,739.826
20	+ .000	+64,580.697
21	+ .000	+49,737.699
22	+ .000	+51,080.344
23	+ .000	+46,121.147
24	+ .000	+52,334.112
25	+ .000	+60,082.055
26	+ .000	+75,993.653
27	+ .000	+104,024.042
28	+ .000	+85,642.945
29	+ .000	+67,397.872
30	+ .000	+55,781.392
31	+ .000	+52,883.286
32	+ .000	+70,744.134
33	+ .000	+68,633.681
34	+ .000	+74,683.224
35	+ .000	+75,990.742
36	+ .000	+75,525.969
37	+ .000	+67,780.403
38	+ .000	+59,047.080
39	+ .000	+56,559.136
40	+ .000	+48,532.196
41	+ .000	+48,597.102
42	+ .000	+45,759.541

43	+.000	+56,950.656
44	+.000	+49,554.923
45	+.000	+53,801.492
46	+.000	+62,195.610
47	+.000	+97,858.998
48	+.000	+106,143.313