

Date: 17/01/2020

Settlement Day:20/12/2019

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: 264

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,519,810.020	+83,017,108.830
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,450,911.210	+467,329,051.520
Balancing Services Contract Cost	+1,007,325.031	+233,597,763.851
Balancing Services Cost Variable	+296,061.770	+115,335,320.625
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	+122,648.326	+31,138,883.836
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+217,554,754.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,089,902.880
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-5,964,817.590
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+217,554,754.560
Total External Costs	+4,799,364.927	+853,766,105.122
Total Adjusted Energy Volume (MWh)	+1,509,826.730	

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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	+24,450.263	+120,150.276	+4.91407
02	+25,084.080	+136,205.500	+5.42996
03	+24,860.549	+169,382.685	+6.81331
04	+24,717.436	+154,126.349	+6.23553
05	+24,253.429	+137,138.706	+5.65440
06	+24,178.044	+129,117.412	+5.34028
07	+23,661.883	+107,311.045	+4.53519
08	+23,148.199	+106,418.168	+4.59725
09	+23,026.850	+105,445.721	+4.57925
10	+22,987.896	+103,923.281	+4.52078
11	+22,880.013	+112,455.694	+4.91502
12	+23,787.709	+109,806.487	+4.61610
13	+25,799.199	+139,005.752	+5.38799
14	+28,724.436	+200,073.726	+6.96528
15	+32,454.165	+228,570.454	+7.04287
16	+34,603.276	+239,298.492	+6.91549
17	+35,763.207	+224,495.428	+6.27727
18	+36,566.168	+213,436.734	+5.83700
19	+37,161.340	+193,767.624	+5.21423
20	+36,999.987	+190,560.978	+5.15030
21	+36,795.416	+163,423.563	+4.44141
22	+36,407.656	+137,350.803	+3.77258
23	+36,186.709	+116,516.338	+3.21987
24	+35,748.021	+101,827.754	+2.84849
25	+35,845.672	+113,567.261	+3.16823
26	+35,855.807	+111,417.936	+3.10739
27	+35,886.695	+83,106.275	+2.31580
28	+35,535.031	+69,522.439	+1.95645
29	+35,406.735	+69,144.297	+1.95286
30	+35,372.871	+63,960.408	+1.80818
31	+35,684.334	+66,735.440	+1.87016
32	+36,364.404	+68,409.833	+1.88123
33	+37,338.553	+76,230.620	+2.04161
34	+38,201.729	+81,560.444	+2.13499
35	+38,434.552	+85,746.398	+2.23097
36	+38,109.362	+85,722.546	+2.24938
37	+37,390.151	+82,982.024	+2.21936
38	+36,860.984	+65,737.932	+1.78340
39	+36,013.702	+80,406.922	+2.23268
40	+34,845.974	+75,073.816	+2.15445
41	+33,334.572	+96,739.463	+2.90208
42	+32,033.102	+92,634.955	+2.89185

43	+30,506.290	+79,742.377	+2.61397
44	+28,881.381	+75,972.357	+2.63050
45	+27,468.193	+73,326.122	+2.66949
46	+26,049.766	+73,543.137	+2.82318
47	+24,660.070	+104,707.661	+4.24604
48	+23,500.869	+107,636.339	+4.58010

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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	+0.01619	+86,095.99	+0.00	+83,386.84	+16,308.592	+6,383.500
02	+0.01661	+100,282.10	+0.00	+98,653.95	+16,731.669	+6,383.500
03	+0.01647	+130,522.95	+0.00	+129,497.34	+16,590.643	+8,980.000
04	+0.01637	+115,463.73	+0.00	+114,428.65	+16,489.911	+8,980.000
05	+0.01606	+96,799.95	+0.00	+96,294.96	+16,177.640	+10,707.750
06	+0.01601	+89,117.13	+0.00	+88,367.49	+16,127.274	+10,707.750
07	+0.01567	+68,498.26	+0.00	+67,763.12	+15,784.783	+10,143.750
08	+0.01533	+67,824.95	+0.00	+67,508.24	+15,442.293	+10,143.750
09	+0.01525	+66,414.32	+0.00	+66,013.34	+15,361.707	+10,816.320
10	+0.01523	+65,074.75	+0.00	+64,528.43	+15,341.560	+10,816.320
11	+0.01515	+76,538.55	+0.00	+75,467.53	+15,260.974	+8,559.750
12	+0.01576	+73,112.87	+0.00	+71,673.68	+15,875.442	+8,559.750
13	+0.01709	+95,256.96	+0.00	+90,405.07	+17,215.185	+16,531.930
14	+0.01902	+158,622.14	+0.00	+147,851.47	+19,159.322	+16,531.930
15	+0.02150	+192,733.54	+0.00	+183,004.57	+21,657.488	+5,221.930
16	+0.02292	+197,736.16	+0.00	+191,068.03	+23,087.890	+5,221.930
17	+0.02369	+181,176.50	+0.00	+174,820.09	+23,863.530	+5,221.930
18	+0.02422	+163,828.02	+0.00	+162,766.87	+24,397.412	+5,221.930
19	+0.02461	+143,476.01	+0.00	+142,365.94	+24,790.269	+5,221.930
20	+0.02451	+140,519.66	+0.00	+139,346.94	+24,689.537	+5,221.930
21	+0.02437	+113,453.45	+0.00	+112,472.23	+24,548.511	+5,221.930
22	+0.02411	+88,809.48	+0.00	+86,887.35	+24,286.606	+5,221.930
23	+0.02397	+67,229.14	+0.00	+66,315.59	+24,145.581	+5,221.930
24	+0.02368	+53,878.89	+0.00	+52,171.18	+23,853.457	+5,221.930
25	+0.02374	+65,387.00	+0.00	+63,798.10	+23,913.896	+5,221.930
26	+0.02375	+62,801.13	+0.00	+61,630.01	+23,923.969	+5,221.930
27	+0.02377	+38,978.31	+0.00	+38,502.75	+23,944.116	+0.000
28	+0.02354	+26,085.73	+0.00	+25,350.50	+23,712.431	+0.000
29	+0.02345	+25,615.80	+0.00	+25,141.24	+23,621.772	+0.000
30	+0.02343	+20,051.02	+0.00	+19,994.88	+23,601.625	+0.000
31	+0.02363	+22,690.33	+0.00	+22,394.62	+23,803.090	+0.000
32	+0.02409	+23,302.43	+0.00	+23,205.84	+24,266.460	+0.000
33	+0.02473	+24,839.49	+0.00	+24,603.76	+24,911.148	+5,221.930
34	+0.02530	+28,917.28	+0.00	+28,864.00	+25,485.323	+5,221.930
35	+0.02546	+33,082.49	+0.00	+32,749.72	+25,646.495	+5,221.930
36	+0.02524	+33,933.06	+0.00	+33,138.69	+25,424.884	+5,221.930
37	+0.02476	+31,506.28	+0.00	+31,298.87	+24,941.368	+5,221.930
38	+0.02441	+14,902.17	+0.00	+14,711.54	+24,588.804	+5,221.930
39	+0.02385	+30,732.64	+0.00	+30,431.35	+24,024.702	+5,221.930
40	+0.02308	+27,153.87	+0.00	+26,543.12	+23,249.062	+5,221.930
41	+0.02208	+50,596.91	+0.00	+50,085.23	+22,241.737	+5,221.930
42	+0.02122	+53,176.06	+0.00	+52,816.41	+21,375.437	+0.000

43	+0.02021	+41,512.18	+ .00	+41,313.56	+20,358.039	+505.500
44	+0.01913	+39,672.71	+ .00	+39,570.12	+19,270.128	+505.500
45	+0.01819	+43,481.64	+ .00	+43,273.26	+18,323.242	-4,080.000
46	+0.01725	+45,285.95	+ .00	+45,254.15	+17,376.357	-4,080.000
47	+0.01633	+49,703.02	+ .00	+49,412.90	+16,449.618	+24,652.120
48	+0.01557	+53,937.02	+ .00	+53,767.69	+15,684.051	+24,652.120

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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	+1,985.676	+0.000	+13,341.710
02	+0.000	+0.000	+0.000	+2,037.189	+0.000	+13,687.820
03	+0.000	+0.000	+0.000	+2,020.018	+0.000	+13,572.450
04	+0.000	+0.000	+0.000	+2,007.753	+0.000	+13,490.043
05	+0.000	+0.000	+0.000	+1,969.732	+0.000	+13,234.581
06	+0.000	+0.000	+0.000	+1,963.600	+0.000	+13,193.377
07	+0.000	+0.000	+0.000	+1,921.899	+0.000	+12,913.193
08	+0.000	+0.000	+0.000	+1,880.199	+0.000	+12,633.009
09	+0.000	+0.000	+0.000	+1,870.387	+0.000	+12,567.083
10	+0.000	+0.000	+0.000	+1,867.934	+0.000	+12,550.602
11	+0.000	+0.000	+0.000	+1,858.122	+0.000	+12,484.676
12	+0.000	+0.000	+0.000	+1,932.938	+0.000	+12,987.360
13	+0.000	+0.000	+0.000	+2,096.060	+0.000	+14,083.374
14	+0.000	+0.000	+0.000	+2,332.771	+0.000	+15,673.831
15	+0.000	+0.000	+0.000	+2,636.939	+0.000	+17,717.527
16	+0.000	+0.000	+0.000	+2,811.100	+0.000	+18,887.708
17	+0.000	+0.000	+0.000	+2,905.539	+0.000	+19,522.243
18	+0.000	+0.000	+0.000	+2,970.542	+0.000	+19,959.001
19	+0.000	+0.000	+0.000	+3,018.375	+0.000	+20,280.388
20	+0.000	+0.000	+0.000	+3,006.110	+0.000	+20,197.981
21	+0.000	+0.000	+0.000	+2,988.940	+0.000	+20,082.611
22	+0.000	+0.000	+0.000	+2,957.051	+0.000	+19,868.353
23	+0.000	+0.000	+0.000	+2,939.880	+0.000	+19,752.983
24	+0.000	+0.000	+0.000	+2,904.312	+0.000	+19,514.002
25	+0.000	+0.000	+0.000	+2,911.671	+0.000	+19,563.446
26	+0.000	+0.000	+0.000	+2,912.898	+0.000	+19,571.687
27	+0.000	+0.000	+0.000	+2,915.351	+0.000	+19,588.169
28	+0.000	+0.000	+0.000	+2,887.142	+0.000	+19,398.632
29	+0.000	+0.000	+0.000	+2,876.103	+0.000	+19,324.466
30	+0.000	+0.000	+0.000	+2,873.650	+0.000	+19,307.984
31	+0.000	+0.000	+0.000	+2,898.180	+0.000	+19,472.799
32	+0.000	+0.000	+0.000	+2,954.598	+0.000	+19,851.871
33	+0.000	+0.000	+0.000	+3,033.093	+0.000	+20,379.277
34	+0.000	+0.000	+0.000	+3,103.003	+0.000	+20,848.997
35	+0.000	+0.000	+0.000	+3,122.626	+0.000	+20,980.849
36	+0.000	+0.000	+0.000	+3,095.644	+0.000	+20,799.553
37	+0.000	+0.000	+0.000	+3,036.773	+0.000	+20,403.999
38	+0.000	+0.000	+0.000	+2,993.846	+0.000	+20,115.574
39	+0.000	+0.000	+0.000	+2,925.163	+0.000	+19,654.094
40	+0.000	+0.000	+0.000	+2,830.723	+0.000	+19,019.560
41	+0.000	+0.000	+0.000	+2,708.075	+0.000	+18,195.489
42	+0.000	+0.000	+0.000	+2,602.597	+0.000	+17,486.787

43	+.000	+.000	+.000	+2,478.723	+.000	+16,654.476
44	+.000	+.000	+.000	+2,346.262	+.000	+15,764.479
45	+.000	+.000	+.000	+2,230.973	+.000	+14,989.852
46	+.000	+.000	+.000	+2,115.684	+.000	+14,215.225
47	+.000	+.000	+.000	+2,002.847	+.000	+13,457.080
48	+.000	+.000	+.000	+1,909.634	+.000	+12,830.786

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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	+66.839	+.000	-1,322.882	+.000
02	+.000	+.000	+68.573	+.000	-1,357.200	+.000
03	+.000	+.000	+67.995	+.000	-1,345.761	+.000
04	+.000	+.000	+67.582	+.000	-1,337.590	+.000
05	+.000	+.000	+66.302	+.000	-1,312.260	+.000
06	+.000	+.000	+66.096	+.000	-1,308.174	+.000
07	+.000	+.000	+64.692	+.000	-1,280.393	+.000
08	+.000	+.000	+63.289	+.000	-1,252.612	+.000
09	+.000	+.000	+62.958	+.000	-1,246.075	+.000
10	+.000	+.000	+62.876	+.000	-1,244.441	+.000
11	+.000	+.000	+62.546	+.000	-1,237.904	+.000
12	+.000	+.000	+65.064	+.000	-1,287.747	+.000
13	+.000	+.000	+70.555	+.000	-1,396.421	+.000
14	+.000	+.000	+78.523	+.000	-1,554.121	+.000
15	+.000	+.000	+88.761	+.000	-1,756.761	+.000
16	+.000	+.000	+94.623	+.000	-1,872.789	+.000
17	+.000	+.000	+97.802	+.000	-1,935.706	+.000
18	+.000	+.000	+99.990	+.000	-1,979.012	+.000
19	+.000	+.000	+101.600	+.000	-2,010.879	+.000
20	+.000	+.000	+101.188	+.000	-2,002.708	+.000
21	+.000	+.000	+100.610	+.000	-1,991.269	+.000
22	+.000	+.000	+99.536	+.000	-1,970.024	+.000
23	+.000	+.000	+98.958	+.000	-1,958.585	+.000
24	+.000	+.000	+97.761	+.000	-1,934.889	+.000
25	+.000	+.000	+98.009	+.000	-1,939.791	+.000
26	+.000	+.000	+98.050	+.000	-1,940.608	+.000
27	+.000	+.000	+98.133	+.000	-1,942.243	+.000
28	+.000	+.000	+97.183	+.000	-1,923.449	+.000
29	+.000	+.000	+96.811	+.000	-1,916.096	+.000
30	+.000	+.000	+96.729	+.000	-1,914.461	+.000
31	+.000	+.000	+97.555	+.000	-1,930.803	+.000
32	+.000	+.000	+99.454	+.000	-1,968.390	+.000
33	+.000	+.000	+102.096	+.000	-2,020.684	+.000
34	+.000	+.000	+104.449	+.000	-2,067.259	+.000
35	+.000	+.000	+105.110	+.000	-2,080.332	+.000
36	+.000	+.000	+104.201	+.000	-2,062.356	+.000
37	+.000	+.000	+102.220	+.000	-2,023.135	+.000
38	+.000	+.000	+100.775	+.000	-1,994.537	+.000
39	+.000	+.000	+98.463	+.000	-1,948.779	+.000
40	+.000	+.000	+95.284	+.000	-1,885.863	+.000
41	+.000	+.000	+91.156	+.000	-1,804.153	+.000
42	+.000	+.000	+87.605	+.000	-1,733.883	+.000



43	+.000	+.000	+83.435	+.000	-1,651.356	+.000
44	+.000	+.000	+78.977	+.000	-1,563.109	+.000
45	+.000	+.000	+75.096	+.000	-1,486.302	+.000
46	+.000	+.000	+71.215	+.000	-1,409.495	+.000
47	+.000	+.000	+67.417	+.000	-1,334.322	+.000
48	+.000	+.000	+64.279	+.000	-1,272.222	+.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	+120,150.276
02	+ .000	+136,205.500
03	+ .000	+169,382.685
04	+ .000	+154,126.349
05	+ .000	+137,138.706
06	+ .000	+129,117.412
07	+ .000	+107,311.045
08	+ .000	+106,418.168
09	+ .000	+105,445.721
10	+ .000	+103,923.281
11	+ .000	+112,455.694
12	+ .000	+109,806.487
13	+ .000	+139,005.752
14	+ .000	+200,073.726
15	+ .000	+228,570.454
16	+ .000	+239,298.492
17	+ .000	+224,495.428
18	+ .000	+213,436.734
19	+ .000	+193,767.624
20	+ .000	+190,560.978
21	+ .000	+163,423.563
22	+ .000	+137,350.803
23	+ .000	+116,516.338
24	+ .000	+101,827.754
25	+ .000	+113,567.261
26	+ .000	+111,417.936
27	+ .000	+83,106.275
28	+ .000	+69,522.439
29	+ .000	+69,144.297
30	+ .000	+63,960.408
31	+ .000	+66,735.440
32	+ .000	+68,409.833
33	+ .000	+76,230.620
34	+ .000	+81,560.444
35	+ .000	+85,746.398
36	+ .000	+85,722.546
37	+ .000	+82,982.024
38	+ .000	+65,737.932
39	+ .000	+80,406.922
40	+ .000	+75,073.816
41	+ .000	+96,739.463
42	+ .000	+92,634.955

43	+.000	+79,742.377
44	+.000	+75,972.357
45	+.000	+73,326.122
46	+.000	+73,543.137
47	+.000	+104,707.661
48	+.000	+107,636.339