

Date: 15/12/2020

Settlement Day:20/11/2020

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:20/21

Internal Scheme Name:2020/2021

Internal Scheme Day: 234

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+5,853,969.700	+691,585,496.150
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,810,567.700	+686,002,548.400
Balancing Services Contract Cost	+697,420.661	+271,557,186.896
Balancing Services Cost Variable	+503,771.770	+124,854,734.480
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+113,787.260	+8,820,667.354
Black Start Testing Costs	+0.000	+346,453.620
Black Start Availability Costs	+117,253.729	+31,094,110.315
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+613,907.380	+143,634,053.100
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+613,907.380	+143,634,053.100
Total External Costs	+7,242,801.120	+1,122,675,701.065
Total Adjusted Energy Volume (MWh)	+1,387,908.920	

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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	+22,786.237	+54,811.979	+2.40549
02	+23,142.510	+63,568.922	+2.74685
03	+23,192.599	+83,598.006	+3.60451
04	+22,694.698	+78,076.394	+3.44029
05	+22,506.135	+67,252.116	+2.98817
06	+22,254.677	+51,570.546	+2.31729
07	+21,952.374	+57,871.178	+2.63622
08	+21,533.090	+47,004.794	+2.18291
09	+21,475.057	+62,412.649	+2.90629
10	+21,565.750	+69,662.145	+3.23022
11	+22,062.374	+86,382.903	+3.91539
12	+22,682.203	+82,462.435	+3.63556
13	+24,712.615	+89,400.627	+3.61761
14	+26,890.399	+85,135.673	+3.16602
15	+29,215.580	+57,682.978	+1.97439
16	+30,522.930	+59,193.005	+1.93930
17	+31,520.643	+49,161.051	+1.55965
18	+32,072.989	+60,001.378	+1.87078
19	+32,183.914	+57,880.718	+1.79844
20	+32,305.521	+55,807.251	+1.72748
21	+32,937.152	+62,406.127	+1.89470
22	+33,246.417	+73,720.048	+2.21738
23	+33,333.668	+80,073.734	+2.40219
24	+33,626.644	+81,740.492	+2.43083
25	+34,083.239	+91,537.593	+2.68571
26	+34,235.177	+97,887.964	+2.85928
27	+34,450.802	+142,022.429	+4.12247
28	+33,847.137	+174,395.351	+5.15244
29	+33,976.972	+208,398.829	+6.13353
30	+33,756.674	+205,101.560	+6.07588
31	+33,719.759	+206,297.967	+6.11801
32	+34,291.824	+233,473.699	+6.80844
33	+35,268.262	+237,208.122	+6.72582
34	+36,453.766	+256,498.579	+7.03627
35	+36,227.206	+231,121.202	+6.37977
36	+36,161.791	+250,023.563	+6.91403
37	+35,551.413	+262,841.505	+7.39328
38	+34,023.289	+247,801.105	+7.28328
39	+31,703.179	+264,505.209	+8.34318
40	+30,111.315	+285,098.538	+9.46815
41	+28,888.127	+304,234.655	+10.53148
42	+27,545.158	+304,480.490	+11.05387

43	+26,858.312	+345,622.481	+12.86836
44	+25,484.274	+371,562.235	+14.58006
45	+24,546.048	+397,929.298	+16.21154
46	+23,223.074	+384,602.364	+16.56122
47	+22,000.507	+375,128.379	+17.05090
48	+21,085.439	+362,058.236	+17.17101

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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	+0.01642	+19,870.00	+0.00	+19,787.38	+11,451.647	+9,698.900
02	+0.01667	+28,753.55	+0.00	+28,158.73	+11,626.002	+9,698.900
03	+0.01671	+52,158.00	+0.00	+51,904.32	+11,653.899	+5,920.700
04	+0.01635	+47,131.76	+0.00	+46,937.96	+11,402.828	+5,920.700
05	+0.01622	+36,016.97	+0.00	+35,591.39	+11,312.163	+6,643.500
06	+0.01603	+20,327.25	+0.00	+20,202.87	+11,179.653	+6,643.500
07	+0.01582	+24,948.42	+0.00	+24,612.65	+11,033.195	+8,858.250
08	+0.01551	+14,783.06	+0.00	+14,224.40	+10,816.994	+8,858.250
09	+0.01547	+23,856.45	+0.00	+23,283.12	+10,789.098	+15,269.080
10	+0.01554	+30,825.77	+0.00	+30,424.65	+10,837.917	+15,269.080
11	+0.01590	+36,914.19	+0.00	+35,171.84	+11,088.989	+26,687.395
12	+0.01634	+30,712.99	+0.00	+30,572.73	+11,395.854	+26,687.395
13	+0.01781	+27,219.08	+0.00	+25,532.73	+12,421.062	+36,398.305
14	+0.01937	+25,687.34	+0.00	+25,406.68	+13,509.038	+29,853.305
15	+0.02105	+21,358.47	+0.00	+21,096.33	+14,680.705	+4,119.780
16	+0.02199	+21,571.88	+0.00	+21,156.53	+15,336.280	+4,119.780
17	+0.02271	+10,372.90	+0.00	+10,014.07	+15,838.423	+4,119.780
18	+0.02311	+20,353.93	+0.00	+20,237.45	+16,117.391	+4,119.780
19	+0.02319	+18,036.64	+0.00	+17,993.40	+16,173.185	+4,119.780
20	+0.02328	+16,027.95	+0.00	+15,781.12	+16,235.953	+4,119.780
21	+0.02373	+21,790.64	+0.00	+21,685.93	+16,549.792	+4,119.780
22	+0.02395	+33,131.94	+0.00	+32,660.53	+16,703.225	+4,119.780
23	+0.02402	+39,360.80	+0.00	+38,906.25	+16,752.044	+4,119.780
24	+0.02423	+40,281.76	+0.00	+40,249.11	+16,898.503	+4,119.780
25	+0.02456	+50,183.84	+0.00	+49,537.23	+17,128.651	+4,119.780
26	+0.02467	+56,461.39	+0.00	+55,717.94	+17,205.368	+4,119.780
27	+0.02482	+104,729.15	+0.00	+103,740.83	+17,309.981	+0.000
28	+0.02439	+138,762.20	+0.00	+136,776.97	+17,010.090	+0.000
29	+0.02448	+146,320.80	+0.00	+143,905.45	+17,072.858	+26,736.185
30	+0.02432	+142,082.01	+0.00	+140,854.96	+16,961.270	+26,736.185
31	+0.02430	+143,688.59	+0.00	+142,434.41	+16,947.322	+26,383.990
32	+0.02471	+169,394.14	+0.00	+168,977.77	+17,233.265	+26,383.990
33	+0.02541	+170,620.16	+0.00	+169,306.58	+17,721.459	+28,709.945
34	+0.02627	+188,399.99	+0.00	+187,270.60	+18,321.241	+28,709.945
35	+0.02610	+188,234.58	+0.00	+186,881.83	+18,202.679	+3,983.540
36	+0.02605	+206,911.13	+0.00	+205,861.31	+18,167.808	+3,983.540
37	+0.02562	+219,490.93	+0.00	+219,342.47	+17,867.917	+3,983.540
38	+0.02451	+206,627.22	+0.00	+206,014.10	+17,093.780	+3,983.540
39	+0.02284	+228,323.19	+0.00	+227,197.56	+15,929.088	+2,079.940
40	+0.02170	+250,447.47	+0.00	+249,549.19	+15,134.028	+2,079.940
41	+0.02081	+272,181.27	+0.00	+271,912.79	+14,513.324	+225.165
42	+0.01985	+278,140.39	+0.00	+277,622.84	+13,843.800	-3,758.375

43	+0.01935	+313,328.50	+ .00	+311,774.14	+13,495.090	+4,003.500
44	+0.01836	+340,279.64	+ .00	+339,240.84	+12,804.643	+4,003.500
45	+0.01769	+363,486.88	+ .00	+362,407.40	+12,337.371	+8,237.390
46	+0.01673	+356,029.21	+ .00	+350,561.14	+11,667.848	+8,237.390
47	+0.01585	+335,954.76	+ .00	+332,069.68	+11,054.117	+18,612.150
48	+0.01519	+322,400.52	+ .00	+320,017.50	+10,593.820	+18,612.150

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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	+1,868.387	+0.000	+1,925.306	+0.000	+10,080.359
02	+0.000	+1,896.834	+0.000	+1,954.620	+0.000	+10,233.836
03	+0.000	+1,901.385	+0.000	+1,959.310	+0.000	+10,258.392
04	+0.000	+1,860.422	+0.000	+1,917.098	+0.000	+10,037.386
05	+0.000	+1,845.629	+0.000	+1,901.855	+0.000	+9,957.578
06	+0.000	+1,824.010	+0.000	+1,879.577	+0.000	+9,840.935
07	+0.000	+1,800.114	+0.000	+1,854.954	+0.000	+9,712.015
08	+0.000	+1,764.840	+0.000	+1,818.605	+0.000	+9,521.703
09	+0.000	+1,760.289	+0.000	+1,813.915	+0.000	+9,497.147
10	+0.000	+1,768.254	+0.000	+1,822.123	+0.000	+9,540.121
11	+0.000	+1,809.217	+0.000	+1,864.334	+0.000	+9,761.127
12	+0.000	+1,859.284	+0.000	+1,915.926	+0.000	+10,031.247
13	+0.000	+2,026.551	+0.000	+2,088.289	+0.000	+10,933.690
14	+0.000	+2,204.059	+0.000	+2,271.205	+0.000	+11,891.386
15	+0.000	+2,395.222	+0.000	+2,468.191	+0.000	+12,922.750
16	+0.000	+2,502.182	+0.000	+2,578.410	+0.000	+13,499.823
17	+0.000	+2,584.109	+0.000	+2,662.832	+0.000	+13,941.837
18	+0.000	+2,629.624	+0.000	+2,709.734	+0.000	+14,187.400
19	+0.000	+2,638.727	+0.000	+2,719.114	+0.000	+14,236.512
20	+0.000	+2,648.967	+0.000	+2,729.667	+0.000	+14,291.764
21	+0.000	+2,700.172	+0.000	+2,782.431	+0.000	+14,568.022
22	+0.000	+2,725.205	+0.000	+2,808.227	+0.000	+14,703.082
23	+0.000	+2,733.170	+0.000	+2,816.435	+0.000	+14,746.055
24	+0.000	+2,757.065	+0.000	+2,841.058	+0.000	+14,874.976
25	+0.000	+2,794.615	+0.000	+2,879.752	+0.000	+15,077.565
26	+0.000	+2,807.132	+0.000	+2,892.649	+0.000	+15,145.095
27	+0.000	+2,824.200	+0.000	+2,910.238	+0.000	+15,237.181
28	+0.000	+2,775.271	+0.000	+2,859.818	+0.000	+14,973.201
29	+0.000	+2,785.512	+0.000	+2,870.371	+0.000	+15,028.453
30	+0.000	+2,767.306	+0.000	+2,851.611	+0.000	+14,930.227
31	+0.000	+2,765.030	+0.000	+2,849.266	+0.000	+14,917.949
32	+0.000	+2,811.683	+0.000	+2,897.340	+0.000	+15,169.651
33	+0.000	+2,891.334	+0.000	+2,979.417	+0.000	+15,599.387
34	+0.000	+2,989.191	+0.000	+3,080.255	+0.000	+16,127.347
35	+0.000	+2,969.847	+0.000	+3,060.322	+0.000	+16,022.983
36	+0.000	+2,964.158	+0.000	+3,054.460	+0.000	+15,992.287
37	+0.000	+2,915.230	+0.000	+3,004.041	+0.000	+15,728.307
38	+0.000	+2,788.926	+0.000	+2,873.889	+0.000	+15,046.870
39	+0.000	+2,598.901	+0.000	+2,678.075	+0.000	+14,021.645
40	+0.000	+2,469.184	+0.000	+2,544.406	+0.000	+13,321.790
41	+0.000	+2,367.913	+0.000	+2,440.050	+0.000	+12,775.413
42	+0.000	+2,258.677	+0.000	+2,327.487	+0.000	+12,186.061

43	+.000	+2,201.783	+.000	+2,268.860	+.000	+11,879.108
44	+.000	+2,089.134	+.000	+2,152.778	+.000	+11,271.339
45	+.000	+2,012.897	+.000	+2,074.218	+.000	+10,860.022
46	+.000	+1,903.661	+.000	+1,961.655	+.000	+10,270.670
47	+.000	+1,803.528	+.000	+1,858.472	+.000	+9,730.432
48	+.000	+1,728.428	+.000	+1,781.084	+.000	+9,325.253

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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	+.000	+.000	+.000	+.000
02	+.000	+.000	+.000	+.000	+.000	+.000
03	+.000	+.000	+.000	+.000	+.000	+.000
04	+.000	+.000	+.000	+.000	+.000	+.000
05	+.000	+.000	+.000	+.000	+.000	+.000
06	+.000	+.000	+.000	+.000	+.000	+.000
07	+.000	+.000	+.000	+.000	+.000	+.000
08	+.000	+.000	+.000	+.000	+.000	+.000
09	+.000	+.000	+.000	+.000	+.000	+.000
10	+.000	+.000	+.000	+.000	+.000	+.000
11	+.000	+.000	+.000	+.000	+.000	+.000
12	+.000	+.000	+.000	+.000	+.000	+.000
13	+.000	+.000	+.000	+.000	+.000	+.000
14	+.000	+.000	+.000	+.000	+.000	+.000
15	+.000	+.000	+.000	+.000	+.000	+.000
16	+.000	+.000	+.000	+.000	+.000	+.000
17	+.000	+.000	+.000	+.000	+.000	+.000
18	+.000	+.000	+.000	+.000	+.000	+.000
19	+.000	+.000	+.000	+.000	+.000	+.000
20	+.000	+.000	+.000	+.000	+.000	+.000
21	+.000	+.000	+.000	+.000	+.000	+.000
22	+.000	+.000	+.000	+.000	+.000	+.000
23	+.000	+.000	+.000	+.000	+.000	+.000
24	+.000	+.000	+.000	+.000	+.000	+.000
25	+.000	+.000	+.000	+.000	+.000	+.000
26	+.000	+.000	+.000	+.000	+.000	+.000
27	+.000	+.000	+.000	+.000	+.000	+.000
28	+.000	+.000	+.000	+.000	+.000	+.000
29	+.000	+.000	+.000	+.000	+.000	+.000
30	+.000	+.000	+.000	+.000	+.000	+.000
31	+.000	+.000	+.000	+.000	+.000	+.000
32	+.000	+.000	+.000	+.000	+.000	+.000
33	+.000	+.000	+.000	+.000	+.000	+.000
34	+.000	+.000	+.000	+.000	+.000	+.000
35	+.000	+.000	+.000	+.000	+.000	+.000
36	+.000	+.000	+.000	+.000	+.000	+.000
37	+.000	+.000	+.000	+.000	+.000	+.000
38	+.000	+.000	+.000	+.000	+.000	+.000
39	+.000	+.000	+.000	+.000	+.000	+.000
40	+.000	+.000	+.000	+.000	+.000	+.000
41	+.000	+.000	+.000	+.000	+.000	+.000
42	+.000	+.000	+.000	+.000	+.000	+.000

43	+.000	+.000	+.000	+.000	+.000	+.000
44	+.000	+.000	+.000	+.000	+.000	+.000
45	+.000	+.000	+.000	+.000	+.000	+.000
46	+.000	+.000	+.000	+.000	+.000	+.000
47	+.000	+.000	+.000	+.000	+.000	+.000
48	+.000	+.000	+.000	+.000	+.000	+.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	+54,811.979
02	+ .000	+63,568.922
03	+ .000	+83,598.006
04	+ .000	+78,076.394
05	+ .000	+67,252.116
06	+ .000	+51,570.546
07	+ .000	+57,871.178
08	+ .000	+47,004.794
09	+ .000	+62,412.649
10	+ .000	+69,662.145
11	+ .000	+86,382.903
12	+ .000	+82,462.435
13	+ .000	+89,400.627
14	+ .000	+85,135.673
15	+ .000	+57,682.978
16	+ .000	+59,193.005
17	+ .000	+49,161.051
18	+ .000	+60,001.378
19	+ .000	+57,880.718
20	+ .000	+55,807.251
21	+ .000	+62,406.127
22	+ .000	+73,720.048
23	+ .000	+80,073.734
24	+ .000	+81,740.492
25	+ .000	+91,537.593
26	+ .000	+97,887.964
27	+ .000	+142,022.429
28	+ .000	+174,395.351
29	+ .000	+208,398.829
30	+ .000	+205,101.560
31	+ .000	+206,297.967
32	+ .000	+233,473.699
33	+ .000	+237,208.122
34	+ .000	+256,498.579
35	+ .000	+231,121.202
36	+ .000	+250,023.563
37	+ .000	+262,841.505
38	+ .000	+247,801.105
39	+ .000	+264,505.209
40	+ .000	+285,098.538
41	+ .000	+304,234.655
42	+ .000	+304,480.490

43	+.000	+345,622.481
44	+.000	+371,562.235
45	+.000	+397,929.298
46	+.000	+384,602.364
47	+.000	+375,128.379
48	+.000	+362,058.236