

Date: 09/12/2021

Settlement Day:01/12/2021

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 245

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+9,750,536.520	+1,331,040,073.790
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+9,696,589.250	+1,313,257,388.830
Balancing Services Contract Cost	+2,254,521.900	+463,788,531.870
Balancing Services Cost Variable	+453,344.630	+44,943,065.330
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+0.000	+13,664,070.810
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+130,136.480	+28,505,736.760
Black Start Other Costs	+15,341.620	+143,004.520
System Operator Internal Costs	+775,217.100	+189,928,189.500
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+819,906.330
ALoMCP Recovery	+54,794.520	+14,419,177.960
ESO Incentive t-1 + Trades UR	+215,331.210	+4,521,955.410
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+189,928,189.500
Total External Costs	+12,823,736.320	+1,884,111,041.880
Total Adjusted Energy Volume (MWh)	+1,649,790.138	

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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	+24,760.969	+348,940.083	+14.09234
02	+25,246.805	+323,302.729	+12.80569
03	+25,037.306	+299,464.807	+11.96074
04	+24,664.072	+296,195.262	+12.00918
05	+24,568.834	+292,414.486	+11.90185
06	+24,331.909	+282,546.453	+11.61218
07	+24,358.647	+278,667.938	+11.44021
08	+24,197.091	+294,461.987	+12.16931
09	+24,210.358	+343,316.617	+14.18057
10	+24,368.030	+367,997.289	+15.10164
11	+24,549.121	+315,412.691	+12.84823
12	+25,448.177	+323,185.192	+12.69974
13	+27,951.608	+324,511.971	+11.60978
14	+30,715.440	+339,473.354	+11.05221
15	+34,506.799	+247,829.809	+7.18206
16	+36,242.219	+250,497.939	+6.91177
17	+37,194.344	+251,799.730	+6.76984
18	+37,616.861	+233,508.736	+6.20756
19	+38,255.512	+204,671.883	+5.35013
20	+38,300.517	+197,047.014	+5.14476
21	+38,260.803	+190,055.083	+4.96736
22	+38,341.711	+192,080.984	+5.00971
23	+38,334.042	+189,861.454	+4.95282
24	+38,451.251	+232,141.215	+6.03729
25	+38,916.594	+317,199.041	+8.15074
26	+38,966.362	+286,262.382	+7.34640
27	+38,978.912	+243,847.612	+6.25589
28	+38,827.564	+164,017.220	+4.22425
29	+38,948.977	+188,805.451	+4.84751
30	+39,150.739	+172,624.814	+4.40924
31	+39,672.212	+199,089.510	+5.01836
32	+40,829.488	+249,312.714	+6.10619
33	+42,431.459	+286,686.843	+6.75647
34	+43,582.340	+383,348.946	+8.79597
35	+43,771.383	+353,075.438	+8.06635
36	+43,580.104	+322,590.336	+7.40224
37	+43,099.574	+339,989.030	+7.88845
38	+42,220.314	+310,503.800	+7.35437
39	+41,125.206	+312,636.397	+7.60206
40	+40,221.584	+186,236.486	+4.63026
41	+39,144.673	+203,883.774	+5.20847
42	+37,674.589	+165,330.786	+4.38839

43	+36,086.249	+245,438.247	+6.80143
44	+34,223.941	+253,389.705	+7.40387
45	+32,153.823	+292,050.861	+9.08293
46	+30,354.048	+469,019.860	+15.45164
47	+28,528.403	+522,969.998	+18.33156
48	+27,389.174	+511,328.444	+18.66900

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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	+0.01501	+274,318.96	+0.00	+271,093.38	+33,840.374	+26,076.920
02	+0.01530	+245,188.12	+0.00	+244,455.81	+34,494.185	+26,076.920
03	+0.01518	+228,130.00	+0.00	+228,100.35	+34,223.642	+19,008.340
04	+0.01495	+225,709.45	+0.00	+225,624.08	+33,705.102	+19,008.340
05	+0.01489	+236,961.64	+0.00	+236,637.65	+33,569.831	+4,420.935
06	+0.01475	+228,498.83	+0.00	+227,252.48	+33,254.198	+4,420.935
07	+0.01476	+248,087.47	+0.00	+243,578.64	+33,276.743	-15,818.230
08	+0.01467	+261,545.62	+0.00	+259,683.10	+33,073.836	-15,818.230
09	+0.01467	+280,788.27	+0.00	+278,344.02	+33,073.836	+14,375.480
10	+0.01477	+303,910.52	+0.00	+302,679.79	+33,299.288	+14,375.480
11	+0.01488	+254,930.91	+0.00	+252,707.60	+33,547.286	+11,383.680
12	+0.01543	+259,288.16	+0.00	+258,583.14	+34,787.273	+11,383.680
13	+0.01694	+228,174.75	+0.00	+223,612.30	+38,191.601	+42,473.280
14	+0.01862	+236,907.64	+0.00	+232,779.33	+41,979.198	+42,473.280
15	+0.02092	+174,872.96	+0.00	+174,438.04	+47,164.598	+1,238.280
16	+0.02197	+175,298.57	+0.00	+173,484.70	+49,531.846	+1,238.280
17	+0.02254	+173,442.70	+0.00	+172,820.55	+50,816.924	+1,238.280
18	+0.02280	+153,668.68	+0.00	+153,632.81	+51,403.099	+1,238.280
19	+0.02319	+124,679.72	+0.00	+123,450.84	+52,282.363	+1,238.280
20	+0.02322	+115,757.43	+0.00	+115,722.50	+52,349.999	+1,238.280
21	+0.02319	+108,898.94	+0.00	+108,834.04	+52,282.363	+1,238.280
22	+0.02324	+111,386.99	+0.00	+110,687.49	+52,395.089	+1,238.280
23	+0.02324	+108,686.76	+0.00	+108,467.96	+52,395.089	+1,238.280
24	+0.02331	+150,636.16	+0.00	+150,506.29	+52,552.905	+1,238.280
25	+0.02359	+234,823.36	+0.00	+234,598.39	+53,184.172	+1,238.280
26	+0.02362	+203,857.54	+0.00	+203,558.26	+53,251.807	+1,238.280
27	+0.02363	+161,242.39	+0.00	+161,109.00	+53,274.352	+1,238.280
28	+0.02353	+81,878.11	+0.00	+81,623.51	+53,048.900	+1,238.280
29	+0.02361	+106,748.89	+0.00	+106,135.82	+53,229.262	+1,238.280
30	+0.02373	+90,432.83	+0.00	+89,541.30	+53,499.805	+1,238.280
31	+0.02405	+50,861.38	+0.00	+50,613.66	+54,221.252	+65,526.930
32	+0.02475	+98,647.65	+0.00	+98,422.55	+55,799.417	+65,526.930
33	+0.02572	+197,954.07	+0.00	+196,739.78	+57,986.303	+1,238.280
34	+0.02642	+293,654.11	+0.00	+290,987.57	+59,564.469	+1,238.280
35	+0.02653	+263,675.32	+0.00	+260,334.67	+59,812.466	+1,238.280
36	+0.02642	+230,900.57	+0.00	+230,228.96	+59,564.469	+1,238.280
37	+0.02612	+249,997.02	+0.00	+248,662.36	+58,888.112	+1,238.280
38	+0.02559	+221,861.24	+0.00	+221,005.11	+57,693.215	+1,238.280
39	+0.02493	+226,205.43	+0.00	+225,414.06	+56,205.231	+1,238.280
40	+0.02438	+104,946.10	+0.00	+100,911.11	+54,965.244	+1,238.280
41	+0.02373	+121,090.25	+0.00	+120,800.26	+53,499.805	+1,238.280
42	+0.02284	+85,613.74	+0.00	+85,316.90	+51,493.280	+1,238.280

43	+0.02187	+168,911.63	+ .00	+168,769.91	+49,306.394	+1,238.280
44	+0.02074	+180,819.47	+ .00	+180,618.76	+46,758.784	+1,238.280
45	+0.01949	+223,675.04	+ .00	+223,591.19	+43,940.632	+1,238.280
46	+0.01840	+404,532.99	+ .00	+404,319.62	+41,483.203	+1,238.280
47	+0.01729	+439,990.86	+ .00	+439,185.67	+38,980.684	+24,150.780
48	+0.01660	+398,447.28	+ .00	+396,923.94	+37,425.064	+57,150.780

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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	+1,953.349	+230.278	+11,636.009
02	+0.000	+0.000	+0.000	+1,991.088	+234.727	+11,860.822
03	+0.000	+0.000	+0.000	+1,975.472	+232.886	+11,767.796
04	+0.000	+0.000	+0.000	+1,945.540	+229.357	+11,589.496
05	+0.000	+0.000	+0.000	+1,937.732	+228.437	+11,542.983
06	+0.000	+0.000	+0.000	+1,919.513	+226.289	+11,434.452
07	+0.000	+0.000	+0.000	+1,920.814	+226.442	+11,442.204
08	+0.000	+0.000	+0.000	+1,909.102	+225.062	+11,372.435
09	+0.000	+0.000	+0.000	+1,909.102	+225.062	+11,372.435
10	+0.000	+0.000	+0.000	+1,922.116	+226.596	+11,449.957
11	+0.000	+0.000	+0.000	+1,936.431	+228.283	+11,535.230
12	+0.000	+0.000	+0.000	+2,008.006	+236.721	+11,961.600
13	+0.000	+0.000	+0.000	+2,204.512	+259.887	+13,132.178
14	+0.000	+0.000	+0.000	+2,423.141	+285.661	+14,434.542
15	+0.000	+0.000	+0.000	+2,722.455	+320.947	+16,217.542
16	+0.000	+0.000	+0.000	+2,859.098	+337.055	+17,031.520
17	+0.000	+0.000	+0.000	+2,933.276	+345.800	+17,473.393
18	+0.000	+0.000	+0.000	+2,967.112	+349.789	+17,674.950
19	+0.000	+0.000	+0.000	+3,017.865	+355.772	+17,977.285
20	+0.000	+0.000	+0.000	+3,021.769	+356.232	+18,000.541
21	+0.000	+0.000	+0.000	+3,017.865	+355.772	+17,977.285
22	+0.000	+0.000	+0.000	+3,024.372	+356.539	+18,016.045
23	+0.000	+0.000	+0.000	+3,024.372	+356.539	+18,016.045
24	+0.000	+0.000	+0.000	+3,033.481	+357.613	+18,070.311
25	+0.000	+0.000	+0.000	+3,069.920	+361.909	+18,287.371
26	+0.000	+0.000	+0.000	+3,073.824	+362.369	+18,310.628
27	+0.000	+0.000	+0.000	+3,075.125	+362.522	+18,318.380
28	+0.000	+0.000	+0.000	+3,062.111	+360.988	+18,240.858
29	+0.000	+0.000	+0.000	+3,072.522	+362.216	+18,302.876
30	+0.000	+0.000	+0.000	+3,088.139	+364.057	+18,395.902
31	+0.000	+0.000	+0.000	+3,129.782	+368.966	+18,643.971
32	+0.000	+0.000	+0.000	+3,220.878	+379.705	+19,186.623
33	+0.000	+0.000	+0.000	+3,347.110	+394.586	+19,938.584
34	+0.000	+0.000	+0.000	+3,438.206	+405.326	+20,481.236
35	+0.000	+0.000	+0.000	+3,452.521	+407.013	+20,566.510
36	+0.000	+0.000	+0.000	+3,438.206	+405.326	+20,481.236
37	+0.000	+0.000	+0.000	+3,399.165	+400.723	+20,248.671
38	+0.000	+0.000	+0.000	+3,330.193	+392.592	+19,837.806
39	+0.000	+0.000	+0.000	+3,244.302	+382.467	+19,326.162
40	+0.000	+0.000	+0.000	+3,172.727	+374.029	+18,899.793
41	+0.000	+0.000	+0.000	+3,088.139	+364.057	+18,395.902
42	+0.000	+0.000	+0.000	+2,972.317	+350.403	+17,705.959

43	+.000	+.000	+.000	+2,846.085	+335.521	+16,953.998
44	+.000	+.000	+.000	+2,699.031	+318.185	+16,078.003
45	+.000	+.000	+.000	+2,536.360	+299.008	+15,108.981
46	+.000	+.000	+.000	+2,394.511	+282.286	+14,263.995
47	+.000	+.000	+.000	+2,250.060	+265.257	+13,403.504
48	+.000	+.000	+.000	+2,160.266	+254.671	+12,868.604

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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	ALoMCP Recovery	ESO Incentive t-1 + Trades UR	Wind forecast Incentive(£)
01	+.000	+.000	+55.187	+822.466	+3,232.121	+.000
02	+.000	+.000	+56.254	+838.356	+3,294.568	+.000
03	+.000	+.000	+55.812	+831.781	+3,268.728	+.000
04	+.000	+.000	+54.967	+819.178	+3,219.202	+.000
05	+.000	+.000	+54.746	+815.890	+3,206.282	+.000
06	+.000	+.000	+54.231	+808.219	+3,176.135	+.000
07	+.000	+.000	+54.268	+808.767	+3,178.289	+.000
08	+.000	+.000	+53.937	+803.836	+3,158.909	+.000
09	+.000	+.000	+53.937	+803.836	+3,158.909	+.000
10	+.000	+.000	+54.305	+809.315	+3,180.442	+.000
11	+.000	+.000	+54.709	+815.342	+3,204.128	+.000
12	+.000	+.000	+56.732	+845.479	+3,322.561	+.000
13	+.000	+.000	+62.283	+928.219	+3,647.711	+.000
14	+.000	+.000	+68.460	+1,020.274	+4,009.467	+.000
15	+.000	+.000	+76.917	+1,146.301	+4,504.729	+.000
16	+.000	+.000	+80.777	+1,203.836	+4,730.827	+.000
17	+.000	+.000	+82.873	+1,235.068	+4,853.565	+.000
18	+.000	+.000	+83.829	+1,249.315	+4,909.552	+.000
19	+.000	+.000	+85.263	+1,270.685	+4,993.531	+.000
20	+.000	+.000	+85.373	+1,272.329	+4,999.991	+.000
21	+.000	+.000	+85.263	+1,270.685	+4,993.531	+.000
22	+.000	+.000	+85.447	+1,273.425	+5,004.297	+.000
23	+.000	+.000	+85.447	+1,273.425	+5,004.297	+.000
24	+.000	+.000	+85.704	+1,277.260	+5,019.371	+.000
25	+.000	+.000	+86.734	+1,292.603	+5,079.663	+.000
26	+.000	+.000	+86.844	+1,294.247	+5,086.123	+.000
27	+.000	+.000	+86.881	+1,294.795	+5,088.276	+.000
28	+.000	+.000	+86.513	+1,289.315	+5,066.743	+.000
29	+.000	+.000	+86.807	+1,293.699	+5,083.970	+.000
30	+.000	+.000	+87.248	+1,300.274	+5,109.810	+.000
31	+.000	+.000	+88.425	+1,317.808	+5,178.716	+.000
32	+.000	+.000	+90.999	+1,356.164	+5,329.447	+.000
33	+.000	+.000	+94.565	+1,409.315	+5,538.319	+.000
34	+.000	+.000	+97.139	+1,447.671	+5,689.051	+.000
35	+.000	+.000	+97.543	+1,453.699	+5,712.737	+.000
36	+.000	+.000	+97.139	+1,447.671	+5,689.051	+.000
37	+.000	+.000	+96.036	+1,431.233	+5,624.451	+.000
38	+.000	+.000	+94.087	+1,402.192	+5,510.326	+.000
39	+.000	+.000	+91.660	+1,366.027	+5,368.207	+.000
40	+.000	+.000	+89.638	+1,335.890	+5,249.775	+.000
41	+.000	+.000	+87.248	+1,300.274	+5,109.810	+.000
42	+.000	+.000	+83.976	+1,251.507	+4,918.165	+.000



43	+.000	+.000	+80.410	+1,198.356	+4,709.294	+.000
44	+.000	+.000	+76.255	+1,136.438	+4,465.969	+.000
45	+.000	+.000	+71.659	+1,067.945	+4,196.805	+.000
46	+.000	+.000	+67.651	+1,008.219	+3,962.094	+.000
47	+.000	+.000	+63.570	+947.397	+3,723.077	+.000
48	+.000	+.000	+61.033	+909.589	+3,574.498	+.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	+348,940.083
02	+ .000	+323,302.729
03	+ .000	+299,464.807
04	+ .000	+296,195.262
05	+ .000	+292,414.486
06	+ .000	+282,546.453
07	+ .000	+278,667.938
08	+ .000	+294,461.987
09	+ .000	+343,316.617
10	+ .000	+367,997.289
11	+ .000	+315,412.691
12	+ .000	+323,185.192
13	+ .000	+324,511.971
14	+ .000	+339,473.354
15	+ .000	+247,829.809
16	+ .000	+250,497.939
17	+ .000	+251,799.730
18	+ .000	+233,508.736
19	+ .000	+204,671.883
20	+ .000	+197,047.014
21	+ .000	+190,055.083
22	+ .000	+192,080.984
23	+ .000	+189,861.454
24	+ .000	+232,141.215
25	+ .000	+317,199.041
26	+ .000	+286,262.382
27	+ .000	+243,847.612
28	+ .000	+164,017.220
29	+ .000	+188,805.451
30	+ .000	+172,624.814
31	+ .000	+199,089.510
32	+ .000	+249,312.714
33	+ .000	+286,686.843
34	+ .000	+383,348.946
35	+ .000	+353,075.438
36	+ .000	+322,590.336
37	+ .000	+339,989.030
38	+ .000	+310,503.800
39	+ .000	+312,636.397
40	+ .000	+186,236.486
41	+ .000	+203,883.774
42	+ .000	+165,330.786

43	+.000	+245,438.247
44	+.000	+253,389.705
45	+.000	+292,050.861
46	+.000	+469,019.860
47	+.000	+522,969.998
48	+.000	+511,328.444