

Date: 26/11/2021

Settlement Day:16/11/2021

SAA Run Number:02

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 230

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+6,019,503.130	+1,092,697,293.040
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,961,552.090	+1,076,723,573.640
Balancing Services Contract Cost	+2,130,152.400	+431,595,596.670
Balancing Services Cost Variable	+6,597,866.370	+19,476,248.630
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+11,676,586.990
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+123,629.040	+26,761,073.420
Black Start Other Costs	+4,255.430	+68,086.880
System Operator Internal Costs	+775,217.100	+178,299,933.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+764,755.680
ALoMCP Recovery	+54,794.520	+13,597,260.160
ESO Incentive t-1 + Trades UR	+215,331.210	+1,291,987.260
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+178,299,933.000
Total External Costs	+15,233,220.900	+1,582,003,373.390
Total Adjusted Energy Volume (MWh)	+1,576,771.706	

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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	+24,681.357	+123,122.376	+4.98848
02	+24,899.324	+141,240.859	+5.67248
03	+24,542.364	+115,752.374	+4.71643
04	+24,014.523	+90,731.098	+3.77818
05	+23,758.085	+75,803.824	+3.19065
06	+23,360.197	+98,718.720	+4.22594
07	+23,288.956	+84,012.859	+3.60741
08	+22,978.038	+70,371.365	+3.06255
09	+23,295.834	+115,040.429	+4.93824
10	+23,547.875	+114,398.972	+4.85814
11	+24,771.399	+209,331.492	+8.45053
12	+25,795.380	+208,943.615	+8.10004
13	+28,584.361	+271,995.379	+9.51553
14	+31,274.218	+226,965.182	+7.25726
15	+34,025.550	+320,822.857	+9.42888
16	+35,491.726	+304,614.635	+8.58269
17	+36,304.159	+345,511.275	+9.51713
18	+36,522.618	+301,145.088	+8.24544
19	+37,185.886	+358,383.886	+9.63763
20	+37,099.490	+346,356.355	+9.33588
21	+36,849.166	+393,285.277	+10.67284
22	+36,735.902	+369,374.755	+10.05487
23	+36,698.320	+331,276.070	+9.02701
24	+36,789.343	+379,935.531	+10.32733
25	+37,248.275	+406,208.257	+10.90542
26	+37,156.370	+406,924.595	+10.95168
27	+37,421.916	+387,449.834	+10.35355
28	+37,258.283	+379,913.462	+10.19675
29	+37,347.861	+457,185.018	+12.24126
30	+37,420.264	+461,630.389	+12.33637
31	+37,459.862	+411,608.899	+10.98800
32	+38,360.245	+501,711.880	+13.07895
33	+39,649.908	+674,829.516	+17.01970
34	+41,004.425	+683,725.273	+16.67443
35	+41,864.275	+554,588.919	+13.24731
36	+41,723.784	+534,860.397	+12.81908
37	+40,898.786	+552,804.162	+13.51640
38	+40,415.076	+494,861.646	+12.24448
39	+39,191.360	+477,204.021	+12.17626
40	+37,996.907	+492,024.816	+12.94908
41	+36,758.264	+351,699.950	+9.56792
42	+35,176.212	+376,671.671	+10.70814

43	+33,415.293	+280,063.964	+8.38131
44	+31,508.115	+279,658.220	+8.87575
45	+29,103.169	+273,271.391	+9.38975
46	+27,210.019	+359,311.637	+13.20512
47	+24,859.643	+403,884.598	+16.24660
48	+23,829.323	+409,142.235	+17.16970

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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	+0.01565	+68,138.57	+0.00	+67,906.94	+33,336.885	+1,238.280
02	+0.01579	+85,672.08	+0.00	+85,542.56	+33,635.106	+1,238.280
03	+0.01556	+60,969.48	+0.00	+60,847.35	+33,145.171	+1,238.280
04	+0.01523	+37,200.76	+0.00	+36,964.25	+32,442.221	+1,238.280
05	+0.01507	+24,768.18	+0.00	+22,588.82	+32,101.397	+1,238.280
06	+0.01482	+46,548.44	+0.00	+46,365.97	+31,568.859	+1,238.280
07	+0.01477	+32,233.64	+0.00	+31,832.56	+31,462.351	+1,238.280
08	+0.01457	+19,797.54	+0.00	+18,880.87	+31,036.320	+1,238.280
09	+0.01477	+64,409.89	+0.00	+62,860.13	+31,462.351	+1,238.280
10	+0.01493	+64,569.90	+0.00	+61,666.83	+31,803.175	+1,238.280
11	+0.01571	+104,105.74	+0.00	+102,337.79	+33,464.694	+52,809.605
12	+0.01636	+105,076.97	+0.00	+99,708.05	+34,849.293	+52,809.605
13	+0.01813	+163,171.21	+0.00	+162,271.10	+38,619.663	+47,193.555
14	+0.01983	+111,749.75	+0.00	+111,377.57	+42,240.922	+47,193.555
15	+0.02158	+71,969.23	+0.00	+71,060.11	+45,968.689	+175,332.905
16	+0.02251	+54,980.27	+0.00	+51,644.30	+47,949.731	+175,332.905
17	+0.02302	+98,541.43	+0.00	+96,678.57	+49,036.108	+169,436.275
18	+0.02316	+52,397.62	+0.00	+51,829.52	+49,334.330	+169,436.275
19	+0.02358	+110,335.92	+0.00	+109,539.15	+50,228.994	+167,516.855
20	+0.02353	+99,374.15	+0.00	+97,684.07	+50,122.486	+167,516.855
21	+0.02337	+70,799.47	+0.00	+70,342.91	+49,781.662	+242,338.780
22	+0.02330	+46,905.28	+0.00	+46,673.82	+49,632.551	+242,338.780
23	+0.02327	+18,421.40	+0.00	+18,305.98	+49,568.646	+232,711.405
24	+0.02333	+67,037.72	+0.00	+66,758.50	+49,696.455	+232,711.405
25	+0.02362	+93,510.86	+0.00	+92,826.78	+50,314.200	+231,915.635
26	+0.02356	+94,072.94	+0.00	+93,750.06	+50,186.391	+231,915.635
27	+0.02373	+132,525.40	+0.00	+132,272.02	+50,548.516	+173,332.580
28	+0.02363	+125,298.85	+0.00	+125,080.55	+50,335.501	+173,332.580
29	+0.02369	+198,407.78	+0.00	+198,133.15	+50,463.310	+177,344.595
30	+0.02373	+203,922.94	+0.00	+202,440.56	+50,548.516	+177,344.595
31	+0.02376	+112,462.57	+0.00	+110,282.63	+50,612.421	+219,377.565
32	+0.02433	+200,467.73	+0.00	+198,419.67	+51,826.608	+219,377.565
33	+0.02515	+233,380.40	+0.00	+232,894.72	+53,573.333	+355,191.955
34	+0.02601	+239,650.58	+0.00	+238,824.32	+55,405.264	+355,191.955
35	+0.02655	+234,469.63	+0.00	+233,443.17	+56,555.546	+229,574.280
36	+0.02646	+216,525.31	+0.00	+214,025.06	+56,363.833	+229,574.280
37	+0.02594	+147,735.86	+0.00	+143,064.54	+55,256.153	+320,272.055
38	+0.02563	+86,377.95	+0.00	+86,191.22	+54,595.806	+320,272.055
39	+0.02486	+97,820.50	+0.00	+96,244.20	+52,955.589	+295,217.195
40	+0.02410	+114,378.47	+0.00	+113,686.25	+51,336.673	+295,217.195
41	+0.02331	+123,953.08	+0.00	+123,801.60	+49,653.852	+147,501.705
42	+0.02231	+152,988.21	+0.00	+152,222.34	+47,523.700	+147,501.705

43	+0.02119	+206,024.07	+ .00	+205,740.96	+45,137.929	+1,238.280
44	+0.01998	+210,095.21	+ .00	+209,508.53	+42,560.445	+1,238.280
45	+0.01846	+205,721.01	+ .00	+200,629.21	+39,322.613	+8,973.280
46	+0.01726	+292,794.23	+ .00	+290,808.28	+36,766.430	+8,973.280
47	+0.01577	+304,821.00	+ .00	+304,030.28	+33,592.503	+45,463.280
48	+0.01511	+312,923.91	+ .00	+311,564.27	+32,186.603	+45,463.280

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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	+2,221.723	+0.000	+1,934.794	+66.597	+12,132.148
02	+0.000	+2,241.598	+0.000	+1,952.103	+67.193	+12,240.678
03	+0.000	+2,208.946	+0.000	+1,923.668	+66.214	+12,062.378
04	+0.000	+2,162.098	+0.000	+1,882.870	+64.810	+11,806.556
05	+0.000	+2,139.384	+0.000	+1,863.090	+64.129	+11,682.522
06	+0.000	+2,103.894	+0.000	+1,832.182	+63.065	+11,488.717
07	+0.000	+2,096.795	+0.000	+1,826.001	+62.853	+11,449.957
08	+0.000	+2,068.403	+0.000	+1,801.275	+62.002	+11,294.913
09	+0.000	+2,096.795	+0.000	+1,826.001	+62.853	+11,449.957
10	+0.000	+2,119.510	+0.000	+1,845.782	+63.534	+11,573.991
11	+0.000	+2,230.241	+0.000	+1,942.212	+66.853	+12,178.661
12	+0.000	+2,322.517	+0.000	+2,022.571	+69.619	+12,682.552
13	+0.000	+2,573.792	+0.000	+2,241.394	+77.151	+14,054.686
14	+0.000	+2,815.129	+0.000	+2,451.564	+84.385	+15,372.555
15	+0.000	+3,063.564	+0.000	+2,667.915	+91.832	+16,729.185
16	+0.000	+3,195.590	+0.000	+2,782.890	+95.790	+17,450.137
17	+0.000	+3,267.991	+0.000	+2,845.941	+97.960	+17,845.498
18	+0.000	+3,287.866	+0.000	+2,863.249	+98.556	+17,954.028
19	+0.000	+3,347.491	+0.000	+2,915.173	+100.343	+18,279.619
20	+0.000	+3,340.392	+0.000	+2,908.991	+100.130	+18,240.858
21	+0.000	+3,317.678	+0.000	+2,889.211	+99.449	+18,116.824
22	+0.000	+3,307.741	+0.000	+2,880.557	+99.152	+18,062.558
23	+0.000	+3,303.482	+0.000	+2,876.848	+99.024	+18,039.302
24	+0.000	+3,312.000	+0.000	+2,884.266	+99.279	+18,085.815
25	+0.000	+3,353.169	+0.000	+2,920.118	+100.513	+18,310.628
26	+0.000	+3,344.651	+0.000	+2,912.700	+100.258	+18,264.115
27	+0.000	+3,368.785	+0.000	+2,933.717	+100.981	+18,395.902
28	+0.000	+3,354.589	+0.000	+2,921.354	+100.556	+18,318.380
29	+0.000	+3,363.107	+0.000	+2,928.772	+100.811	+18,364.893
30	+0.000	+3,368.785	+0.000	+2,933.717	+100.981	+18,395.902
31	+0.000	+3,373.044	+0.000	+2,937.426	+101.109	+18,419.158
32	+0.000	+3,453.963	+0.000	+3,007.895	+103.535	+18,861.032
33	+0.000	+3,570.373	+0.000	+3,109.270	+107.024	+19,496.710
34	+0.000	+3,692.461	+0.000	+3,215.591	+110.684	+20,163.397
35	+0.000	+3,769.121	+0.000	+3,282.351	+112.982	+20,582.014
36	+0.000	+3,756.344	+0.000	+3,271.224	+112.599	+20,512.244
37	+0.000	+3,682.524	+0.000	+3,206.937	+110.386	+20,109.132
38	+0.000	+3,638.515	+0.000	+3,168.612	+109.067	+19,868.814
39	+0.000	+3,529.203	+0.000	+3,073.418	+105.790	+19,271.897
40	+0.000	+3,421.311	+0.000	+2,979.460	+102.556	+18,682.732
41	+0.000	+3,309.161	+0.000	+2,881.793	+99.194	+18,070.311
42	+0.000	+3,167.197	+0.000	+2,758.164	+94.939	+17,295.094

43	+.000	+3,008.199	+.000	+2,619.699	+90.173	+16,426.850
44	+.000	+2,836.423	+.000	+2,470.108	+85.023	+15,488.838
45	+.000	+2,620.639	+.000	+2,282.192	+78.555	+14,310.508
46	+.000	+2,450.284	+.000	+2,133.837	+73.449	+13,380.247
47	+.000	+2,238.759	+.000	+1,949.630	+67.108	+12,225.174
48	+.000	+2,145.063	+.000	+1,868.035	+64.300	+11,713.530

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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	+57.541	+857.534	+3,369.933	+.000
02	+.000	+.000	+58.055	+865.205	+3,400.080	+.000
03	+.000	+.000	+57.210	+852.603	+3,350.554	+.000
04	+.000	+.000	+55.996	+834.521	+3,279.494	+.000
05	+.000	+.000	+55.408	+825.753	+3,245.041	+.000
06	+.000	+.000	+54.489	+812.055	+3,191.209	+.000
07	+.000	+.000	+54.305	+809.315	+3,180.442	+.000
08	+.000	+.000	+53.570	+798.356	+3,137.376	+.000
09	+.000	+.000	+54.305	+809.315	+3,180.442	+.000
10	+.000	+.000	+54.893	+818.082	+3,214.895	+.000
11	+.000	+.000	+57.761	+860.822	+3,382.853	+.000
12	+.000	+.000	+60.151	+896.438	+3,522.819	+.000
13	+.000	+.000	+66.659	+993.425	+3,903.955	+.000
14	+.000	+.000	+72.909	+1,086.575	+4,270.018	+.000
15	+.000	+.000	+79.343	+1,182.466	+4,646.848	+.000
16	+.000	+.000	+82.763	+1,233.425	+4,847.106	+.000
17	+.000	+.000	+84.638	+1,261.370	+4,956.924	+.000
18	+.000	+.000	+85.153	+1,269.041	+4,987.071	+.000
19	+.000	+.000	+86.697	+1,292.055	+5,077.510	+.000
20	+.000	+.000	+86.513	+1,289.315	+5,066.743	+.000
21	+.000	+.000	+85.925	+1,280.548	+5,032.290	+.000
22	+.000	+.000	+85.667	+1,276.712	+5,017.217	+.000
23	+.000	+.000	+85.557	+1,275.068	+5,010.757	+.000
24	+.000	+.000	+85.778	+1,278.356	+5,023.677	+.000
25	+.000	+.000	+86.844	+1,294.247	+5,086.123	+.000
26	+.000	+.000	+86.623	+1,290.959	+5,073.203	+.000
27	+.000	+.000	+87.248	+1,300.274	+5,109.810	+.000
28	+.000	+.000	+86.881	+1,294.795	+5,088.276	+.000
29	+.000	+.000	+87.101	+1,298.082	+5,101.196	+.000
30	+.000	+.000	+87.248	+1,300.274	+5,109.810	+.000
31	+.000	+.000	+87.359	+1,301.918	+5,116.270	+.000
32	+.000	+.000	+89.454	+1,333.151	+5,239.008	+.000
33	+.000	+.000	+92.469	+1,378.082	+5,415.580	+.000
34	+.000	+.000	+95.631	+1,425.205	+5,600.765	+.000
35	+.000	+.000	+97.617	+1,454.795	+5,717.044	+.000
36	+.000	+.000	+97.286	+1,449.863	+5,697.664	+.000
37	+.000	+.000	+95.374	+1,421.370	+5,585.692	+.000
38	+.000	+.000	+94.234	+1,404.384	+5,518.939	+.000
39	+.000	+.000	+91.403	+1,362.192	+5,353.134	+.000
40	+.000	+.000	+88.609	+1,320.548	+5,189.482	+.000
41	+.000	+.000	+85.704	+1,277.260	+5,019.371	+.000
42	+.000	+.000	+82.027	+1,222.466	+4,804.039	+.000

43	+.000	+.000	+77.909	+1,161.096	+4,562.868	+.000
44	+.000	+.000	+73.461	+1,094.795	+4,302.318	+.000
45	+.000	+.000	+67.872	+1,011.507	+3,975.014	+.000
46	+.000	+.000	+63.460	+945.753	+3,716.617	+.000
47	+.000	+.000	+57.982	+864.110	+3,395.773	+.000
48	+.000	+.000	+55.555	+827.945	+3,253.655	+.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	+123,122.376
02	+ .000	+141,240.859
03	+ .000	+115,752.374
04	+ .000	+90,731.098
05	+ .000	+75,803.824
06	+ .000	+98,718.720
07	+ .000	+84,012.859
08	+ .000	+70,371.365
09	+ .000	+115,040.429
10	+ .000	+114,398.972
11	+ .000	+209,331.492
12	+ .000	+208,943.615
13	+ .000	+271,995.379
14	+ .000	+226,965.182
15	+ .000	+320,822.857
16	+ .000	+304,614.635
17	+ .000	+345,511.275
18	+ .000	+301,145.088
19	+ .000	+358,383.886
20	+ .000	+346,356.355
21	+ .000	+393,285.277
22	+ .000	+369,374.755
23	+ .000	+331,276.070
24	+ .000	+379,935.531
25	+ .000	+406,208.257
26	+ .000	+406,924.595
27	+ .000	+387,449.834
28	+ .000	+379,913.462
29	+ .000	+457,185.018
30	+ .000	+461,630.389
31	+ .000	+411,608.899
32	+ .000	+501,711.880
33	+ .000	+674,829.516
34	+ .000	+683,725.273
35	+ .000	+554,588.919
36	+ .000	+534,860.397
37	+ .000	+552,804.162
38	+ .000	+494,861.646
39	+ .000	+477,204.021
40	+ .000	+492,024.816
41	+ .000	+351,699.950
42	+ .000	+376,671.671

43	+ .000	+280,063.964
44	+ .000	+279,658.220
45	+ .000	+273,271.391
46	+ .000	+359,311.637
47	+ .000	+403,884.598
48	+ .000	+409,142.235