

Date: 07/12/2021

Settlement Day:29/11/2021

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: 243

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+27,074,375.600	+1,317,104,307.290
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+26,700,272.140	+1,299,433,364.310
Balancing Services Contract Cost	+2,135,721.020	+459,398,288.950
Balancing Services Cost Variable	+1,665,666.990	+43,276,668.860
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+141,963.130	+13,522,107.680
Black Start Testing Costs	+0.000	+48,204.060
Black Start Availability Costs	+118,060.420	+28,257,539.860
Black Start Other Costs	+4,255.430	+123,407.470
System Operator Internal Costs	+775,217.100	+188,377,755.300
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+812,552.910
ALoMCP Recovery	+54,794.520	+14,309,588.920
ESO Incentive t-1 + Trades UR	+215,331.210	+4,091,292.990
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+775,217.100	+188,377,755.300
Total External Costs	+31,039,741.570	+1,863,273,016.010
Total Adjusted Energy Volume (MWh)	+1,782,113.185	

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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	+28,815.627	+11,585.396	+0.40205
02	+29,407.073	+86,283.102	+2.93409
03	+29,009.998	+85,355.308	+2.94227
04	+28,636.932	+93,544.434	+3.26657
05	+28,582.393	+150,652.433	+5.27081
06	+28,329.166	+126,525.841	+4.46627
07	+28,062.769	+111,837.268	+3.98525
08	+27,695.476	+103,719.724	+3.74501
09	+27,793.348	+96,640.165	+3.47710
10	+27,922.694	+68,461.136	+2.45181
11	+29,127.860	+54,420.779	+1.86834
12	+30,391.041	+63,401.823	+2.08620
13	+33,115.981	+29,448.813	+0.88926
14	+35,722.785	+152,945.932	+4.28147
15	+38,060.261	+128,299.402	+3.37095
16	+39,497.429	+184,719.788	+4.67675
17	+40,537.919	+237,439.195	+5.85721
18	+41,249.392	+445,537.772	+10.80107
19	+41,990.930	+677,542.190	+16.13544
20	+42,437.425	+872,084.755	+20.54990
21	+42,375.662	+870,577.075	+20.54427
22	+42,350.784	+758,385.044	+17.90723
23	+42,297.900	+537,275.144	+12.70217
24	+42,372.013	+604,303.545	+14.26186
25	+42,584.981	+726,666.422	+17.06391
26	+42,470.252	+800,690.181	+18.85297
27	+42,434.400	+950,915.705	+22.40908
28	+42,149.446	+1,397,527.032	+33.15647
29	+42,044.909	+1,279,893.681	+30.44111
30	+41,931.845	+1,620,766.720	+38.65241
31	+41,787.413	+1,805,233.558	+43.20041
32	+42,817.154	+2,237,808.720	+52.26430
33	+43,792.523	+2,220,621.210	+50.70777
34	+44,826.229	+1,848,240.911	+41.23124
35	+44,841.158	+1,682,959.452	+37.53158
36	+44,564.749	+1,472,908.679	+33.05098
37	+44,231.713	+1,574,150.110	+35.58872
38	+43,488.158	+895,159.732	+20.58399
39	+42,823.818	+673,796.610	+15.73416
40	+41,572.764	+570,027.006	+13.71155
41	+40,665.314	+516,580.076	+12.70321
42	+38,848.912	+464,085.286	+11.94590

43	+36,706.843	+459,334.983	+12.51361
44	+34,465.169	+438,067.348	+12.71044
45	+32,197.836	+413,283.463	+12.83575
46	+30,229.388	+382,275.521	+12.64582
47	+27,993.841	+398,319.417	+14.22882
48	+26,861.512	+434,695.274	+16.18283

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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	+0.01617	-45,060.95	+0.00	-45,423.53	+34,534.609	+1,238.280
02	+0.01650	+28,493.20	+0.00	+28,136.00	+35,239.397	+1,238.280
03	+0.01628	+28,050.59	+0.00	+27,966.99	+34,769.538	+1,238.280
04	+0.01607	+36,908.34	+0.00	+36,880.41	+34,321.037	+1,238.280
05	+0.01604	+94,155.56	+0.00	+94,091.88	+34,256.965	+1,238.280
06	+0.01590	+70,496.75	+0.00	+70,448.15	+33,957.964	+1,238.280
07	+0.01575	+56,320.14	+0.00	+56,276.93	+33,637.606	+1,238.280
08	+0.01554	+48,930.78	+0.00	+48,883.68	+33,189.105	+1,238.280
09	+0.01560	+41,668.45	+0.00	+41,597.18	+33,317.248	+1,238.280
10	+0.01567	+13,223.44	+0.00	+13,176.72	+33,466.748	+1,238.280
11	+0.01634	-2,407.78	+0.00	-3,174.48	+34,897.681	+1,238.280
12	+0.01705	+3,402.35	+0.00	+3,357.76	+36,414.043	+1,238.280
13	+0.01858	-35,323.36	+0.00	-35,872.25	+39,681.697	+1,238.280
14	+0.02005	+83,202.80	+0.00	+82,554.81	+42,821.206	+1,238.280
15	+0.02136	-24,232.82	+0.00	-24,707.11	+45,619.001	+79,335.455
16	+0.02216	+31,435.02	+0.00	+28,954.06	+47,327.578	+79,335.455
17	+0.02275	+162,592.13	+0.00	+157,735.72	+48,587.653	+1,238.280
18	+0.02315	+371,086.60	+0.00	+364,454.69	+49,441.942	+1,238.280
19	+0.02356	+628,424.33	+0.00	+595,045.01	+50,317.587	+1,238.280
20	+0.02381	+821,455.93	+0.00	+788,725.32	+50,851.517	+1,238.280
21	+0.02378	+866,649.14	+0.00	+787,321.11	+50,787.446	+1,238.280
22	+0.02376	+744,142.32	+0.00	+675,198.06	+50,744.731	+1,238.280
23	+0.02373	+424,682.19	+0.00	+376,610.63	+50,680.660	+78,819.280
24	+0.02378	+446,974.27	+0.00	+443,466.58	+50,787.446	+78,819.280
25	+0.02390	+580,093.94	+0.00	+568,022.68	+51,043.732	+76,212.175
26	+0.02383	+651,845.47	+0.00	+642,287.87	+50,894.232	+76,212.175
27	+0.02381	+794,729.44	+0.00	+790,085.55	+50,851.517	+78,709.000
28	+0.02365	+1,241,123.32	+0.00	+1,237,248.72	+50,509.802	+78,709.000
29	+0.02359	+1,119,967.43	+0.00	+1,117,122.68	+50,381.659	+81,408.630
30	+0.02353	+1,459,522.52	+0.00	+1,458,202.66	+50,253.516	+81,408.630
31	+0.02345	+1,617,511.08	+0.00	+1,613,327.57	+50,082.658	+111,026.480
32	+0.02403	+2,047,366.67	+0.00	+2,043,902.30	+51,321.376	+111,026.480
33	+0.02457	+2,137,145.79	+0.00	+2,134,640.52	+52,474.665	+1,238.280
34	+0.02515	+1,760,626.40	+0.00	+1,760,259.79	+53,713.384	+1,238.280
35	+0.02516	+1,598,858.68	+0.00	+1,594,943.84	+53,734.741	+1,238.280
36	+0.02501	+1,388,342.57	+0.00	+1,385,410.42	+53,414.383	+1,238.280
37	+0.02482	+1,337,946.28	+0.00	+1,330,609.03	+53,008.596	+157,936.415
38	+0.02440	+653,425.89	+0.00	+653,067.24	+52,111.593	+157,936.415
39	+0.02403	+487,491.42	+0.00	+482,983.09	+51,321.376	+107,933.580
40	+0.02333	+382,178.23	+0.00	+381,627.80	+49,826.371	+107,933.580
41	+0.02282	+437,342.33	+0.00	+436,635.17	+48,737.154	+1,238.280
42	+0.02180	+389,603.89	+0.00	+387,658.38	+46,558.718	+1,238.280

43	+0.02060	+391,211.69	+ .00	+387,046.90	+43,995.853	+1,238.280
44	+0.01934	+379,092.54	+ .00	+370,125.03	+41,304.845	+1,238.280
45	+0.01807	+352,429.59	+ .00	+349,721.40	+38,592.479	+1,238.280
46	+0.01696	+325,025.90	+ .00	+322,541.87	+36,221.828	+1,238.280
47	+0.01571	+303,274.21	+ .00	+301,257.04	+33,552.177	+42,878.280
48	+0.01507	+342,950.90	+ .00	+339,840.27	+32,185.316	+42,878.280

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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	+2,295.544	+0.000	+1,909.037	+68.810	+12,535.261
02	+0.000	+2,342.392	+0.000	+1,947.997	+70.215	+12,791.082
03	+0.000	+2,311.160	+0.000	+1,922.024	+69.278	+12,620.534
04	+0.000	+2,281.347	+0.000	+1,897.231	+68.385	+12,457.739
05	+0.000	+2,277.089	+0.000	+1,893.689	+68.257	+12,434.482
06	+0.000	+2,257.214	+0.000	+1,877.161	+67.661	+12,325.952
07	+0.000	+2,235.919	+0.000	+1,859.452	+67.023	+12,209.669
08	+0.000	+2,206.107	+0.000	+1,834.659	+66.129	+12,046.874
09	+0.000	+2,214.625	+0.000	+1,841.743	+66.385	+12,093.387
10	+0.000	+2,224.562	+0.000	+1,850.007	+66.683	+12,147.652
11	+0.000	+2,319.678	+0.000	+1,929.107	+69.534	+12,667.047
12	+0.000	+2,420.471	+0.000	+2,012.930	+72.555	+13,217.452
13	+0.000	+2,637.675	+0.000	+2,193.563	+79.066	+14,403.534
14	+0.000	+2,846.361	+0.000	+2,367.111	+85.321	+15,543.103
15	+0.000	+3,032.332	+0.000	+2,521.771	+90.896	+16,558.637
16	+0.000	+3,145.903	+0.000	+2,616.219	+94.300	+17,178.811
17	+0.000	+3,229.661	+0.000	+2,685.875	+96.811	+17,636.189
18	+0.000	+3,286.446	+0.000	+2,733.099	+98.513	+17,946.276
19	+0.000	+3,344.651	+0.000	+2,781.503	+100.258	+18,264.115
20	+0.000	+3,380.142	+0.000	+2,811.019	+101.322	+18,457.919
21	+0.000	+3,375.883	+0.000	+2,807.477	+101.194	+18,434.663
22	+0.000	+3,373.044	+0.000	+2,805.116	+101.109	+18,419.158
23	+0.000	+3,368.785	+0.000	+2,801.574	+100.981	+18,395.902
24	+0.000	+3,375.883	+0.000	+2,807.477	+101.194	+18,434.663
25	+0.000	+3,392.919	+0.000	+2,821.644	+101.705	+18,527.689
26	+0.000	+3,382.981	+0.000	+2,813.380	+101.407	+18,473.423
27	+0.000	+3,380.142	+0.000	+2,811.019	+101.322	+18,457.919
28	+0.000	+3,357.428	+0.000	+2,792.129	+100.641	+18,333.884
29	+0.000	+3,348.910	+0.000	+2,785.045	+100.386	+18,287.371
30	+0.000	+3,340.392	+0.000	+2,777.962	+100.130	+18,240.858
31	+0.000	+3,329.035	+0.000	+2,768.517	+99.790	+18,178.841
32	+0.000	+3,411.374	+0.000	+2,836.992	+102.258	+18,628.467
33	+0.000	+3,488.034	+0.000	+2,900.745	+104.556	+19,047.084
34	+0.000	+3,570.373	+0.000	+2,969.220	+107.024	+19,496.710
35	+0.000	+3,571.792	+0.000	+2,970.400	+107.067	+19,504.462
36	+0.000	+3,550.498	+0.000	+2,952.691	+106.428	+19,388.180
37	+0.000	+3,523.525	+0.000	+2,930.260	+105.620	+19,240.888
38	+0.000	+3,463.900	+0.000	+2,880.674	+103.832	+18,915.297
39	+0.000	+3,411.374	+0.000	+2,836.992	+102.258	+18,628.467
40	+0.000	+3,312.000	+0.000	+2,754.350	+99.279	+18,085.815
41	+0.000	+3,239.599	+0.000	+2,694.139	+97.109	+17,690.454
42	+0.000	+3,094.796	+0.000	+2,573.717	+92.768	+16,899.733

43	+.000	+2,924.440	+.000	+2,432.045	+87.662	+15,969.472
44	+.000	+2,745.567	+.000	+2,283.289	+82.300	+14,992.699
45	+.000	+2,565.274	+.000	+2,133.352	+76.896	+14,008.173
46	+.000	+2,407.695	+.000	+2,002.305	+72.172	+13,147.682
47	+.000	+2,230.241	+.000	+1,854.729	+66.853	+12,178.661
48	+.000	+2,139.384	+.000	+1,779.171	+64.129	+11,682.522

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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	+59.452	+886.027	+3,481.906	+.000
02	+.000	+.000	+60.666	+904.110	+3,552.965	+.000
03	+.000	+.000	+59.857	+892.055	+3,505.592	+.000
04	+.000	+.000	+59.085	+880.548	+3,460.373	+.000
05	+.000	+.000	+58.974	+878.904	+3,453.913	+.000
06	+.000	+.000	+58.460	+871.233	+3,423.766	+.000
07	+.000	+.000	+57.908	+863.014	+3,391.467	+.000
08	+.000	+.000	+57.136	+851.507	+3,346.247	+.000
09	+.000	+.000	+57.357	+854.795	+3,359.167	+.000
10	+.000	+.000	+57.614	+858.630	+3,374.240	+.000
11	+.000	+.000	+60.077	+895.342	+3,518.512	+.000
12	+.000	+.000	+62.688	+934.247	+3,671.397	+.000
13	+.000	+.000	+68.313	+1,018.082	+4,000.854	+.000
14	+.000	+.000	+73.718	+1,098.630	+4,317.391	+.000
15	+.000	+.000	+78.535	+1,170.411	+4,599.475	+.000
16	+.000	+.000	+81.476	+1,214.247	+4,771.740	+.000
17	+.000	+.000	+83.645	+1,246.575	+4,898.785	+.000
18	+.000	+.000	+85.116	+1,268.493	+4,984.918	+.000
19	+.000	+.000	+86.623	+1,290.959	+5,073.203	+.000
20	+.000	+.000	+87.542	+1,304.658	+5,127.036	+.000
21	+.000	+.000	+87.432	+1,303.014	+5,120.576	+.000
22	+.000	+.000	+87.359	+1,301.918	+5,116.270	+.000
23	+.000	+.000	+87.248	+1,300.274	+5,109.810	+.000
24	+.000	+.000	+87.432	+1,303.014	+5,120.576	+.000
25	+.000	+.000	+87.873	+1,309.589	+5,146.416	+.000
26	+.000	+.000	+87.616	+1,305.753	+5,131.343	+.000
27	+.000	+.000	+87.542	+1,304.658	+5,127.036	+.000
28	+.000	+.000	+86.954	+1,295.890	+5,092.583	+.000
29	+.000	+.000	+86.734	+1,292.603	+5,079.663	+.000
30	+.000	+.000	+86.513	+1,289.315	+5,066.743	+.000
31	+.000	+.000	+86.219	+1,284.931	+5,049.517	+.000
32	+.000	+.000	+88.351	+1,316.712	+5,174.409	+.000
33	+.000	+.000	+90.337	+1,346.301	+5,290.688	+.000
34	+.000	+.000	+92.469	+1,378.082	+5,415.580	+.000
35	+.000	+.000	+92.506	+1,378.630	+5,417.733	+.000
36	+.000	+.000	+91.955	+1,370.411	+5,385.434	+.000
37	+.000	+.000	+91.256	+1,360.000	+5,344.521	+.000
38	+.000	+.000	+89.712	+1,336.986	+5,254.082	+.000
39	+.000	+.000	+88.351	+1,316.712	+5,174.409	+.000
40	+.000	+.000	+85.778	+1,278.356	+5,023.677	+.000
41	+.000	+.000	+83.903	+1,250.411	+4,913.858	+.000
42	+.000	+.000	+80.152	+1,194.521	+4,694.220	+.000



43	+.000	+.000	+75.740	+1,128.767	+4,435.823	+.000
44	+.000	+.000	+71.108	+1,059.726	+4,164.506	+.000
45	+.000	+.000	+66.438	+990.137	+3,891.035	+.000
46	+.000	+.000	+62.357	+929.315	+3,652.017	+.000
47	+.000	+.000	+57.761	+860.822	+3,382.853	+.000
48	+.000	+.000	+55.408	+825.753	+3,245.041	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+11,585.396
02	+ .000	+86,283.102
03	+ .000	+85,355.308
04	+ .000	+93,544.434
05	+ .000	+150,652.433
06	+ .000	+126,525.841
07	+ .000	+111,837.268
08	+ .000	+103,719.724
09	+ .000	+96,640.165
10	+ .000	+68,461.136
11	+ .000	+54,420.779
12	+ .000	+63,401.823
13	+ .000	+29,448.813
14	+ .000	+152,945.932
15	+ .000	+128,299.402
16	+ .000	+184,719.788
17	+ .000	+237,439.195
18	+ .000	+445,537.772
19	+ .000	+677,542.190
20	+ .000	+872,084.755
21	+ .000	+870,577.075
22	+ .000	+758,385.044
23	+ .000	+537,275.144
24	+ .000	+604,303.545
25	+ .000	+726,666.422
26	+ .000	+800,690.181
27	+ .000	+950,915.705
28	+ .000	+1,397,527.032
29	+ .000	+1,279,893.681
30	+ .000	+1,620,766.720
31	+ .000	+1,805,233.558
32	+ .000	+2,237,808.720
33	+ .000	+2,220,621.210
34	+ .000	+1,848,240.911
35	+ .000	+1,682,959.452
36	+ .000	+1,472,908.679
37	+ .000	+1,574,150.110
38	+ .000	+895,159.732
39	+ .000	+673,796.610
40	+ .000	+570,027.006
41	+ .000	+516,580.076
42	+ .000	+464,085.286

43	+ .000	+459,334.983
44	+ .000	+438,067.348
45	+ .000	+413,283.463
46	+ .000	+382,275.521
47	+ .000	+398,319.417
48	+ .000	+434,695.274