

Date: 29/07/2021

Settlement Day:20/06/2021

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:21/22

Internal Scheme Name:2021/2022

Internal Scheme Day: 81

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,088,323.130	+230,143,905.260
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,066,128.930	+227,715,580.510
Balancing Services Contract Cost	+1,914,338.419	+132,476,177.245
Balancing Services Cost Variable	-724,128.040	+1,742,388.610
ESO Incentive Recovery Costs	+0.000	+0.000
Black Start Capital Costs	+224,566.791	+2,735,536.974
Black Start Testing Costs	+0.000	+41,070.000
Black Start Availability Costs	+105,251.740	+8,983,029.819
Black Start Other Costs	+0.000	+127,644.000
System Operator Internal Costs	+775,217.100	+62,792,585.100
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+3,676.710	+297,813.510
ESO Incentive Recovery t-1	+54,794.520	+4,438,356.120
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	+775,217.100	+62,792,585.100
Total External Costs	+4,644,629.070	+378,557,596.788
Total Adjusted Energy Volume (MWh)	+1,112,998.983	

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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	+20,361.250	+103,056.800	+5.06142
02	+19,773.876	+91,034.221	+4.60376
03	+19,482.866	+105,911.922	+5.43616
04	+19,150.724	+131,903.207	+6.88764
05	+18,838.781	+158,190.926	+8.39709
06	+18,483.740	+148,303.055	+8.02343
07	+18,286.862	+155,451.768	+8.50074
08	+18,191.583	+142,564.102	+7.83682
09	+17,998.201	+142,796.253	+7.93392
10	+17,699.143	+139,640.955	+7.88970
11	+17,711.576	+144,878.233	+8.17986
12	+17,716.443	+154,505.502	+8.72102
13	+18,038.631	+146,770.802	+8.13647
14	+18,535.870	+141,424.074	+7.62975
15	+19,535.112	+116,243.085	+5.95047
16	+20,574.556	+108,635.469	+5.28009
17	+21,951.827	+107,006.559	+4.87461
18	+23,273.490	+100,539.185	+4.31990
19	+24,294.195	+110,324.432	+4.54118
20	+25,147.121	+108,345.245	+4.30846
21	+25,716.037	+114,239.009	+4.44233
22	+26,111.311	+110,836.185	+4.24476
23	+26,363.284	+134,822.140	+5.11401
24	+26,305.014	+140,224.439	+5.33071
25	+26,520.787	+135,430.858	+5.10659
26	+26,508.849	+140,516.480	+5.30074
27	+26,090.933	+143,542.128	+5.50161
28	+25,716.867	+120,280.029	+4.67709
29	+25,473.253	+111,257.343	+4.36761
30	+25,380.383	+111,857.217	+4.40723
31	+25,348.098	+95,545.027	+3.76932
32	+25,583.516	+90,972.133	+3.55589
33	+26,215.323	+91,942.966	+3.50722
34	+26,777.340	+93,639.107	+3.49695
35	+27,239.864	+101,881.654	+3.74017
36	+27,406.439	+107,816.731	+3.93399
37	+27,445.831	+101,292.345	+3.69063
38	+27,140.824	+94,061.016	+3.46567
39	+27,056.458	+91,796.099	+3.39276
40	+26,654.144	+90,253.254	+3.38609
41	+26,258.473	+85,196.180	+3.24452
42	+25,816.455	+81,923.991	+3.17332

43	+25,439.067	+98,552.518	+3.87406
44	+24,755.822	+89,416.314	+3.61193
45	+23,974.127	+72,873.287	+3.03966
46	+22,704.096	+69,421.964	+3.05768
47	+21,662.781	+68,870.174	+3.17919
48	+20,287.760	+73,859.784	+3.64061

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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	+0.01829	+86,862.93	+0.00	+86,554.65	+35,013.250	-39,791.640
02	+0.01777	+76,486.83	+0.00	+76,132.55	+34,017.794	-39,791.640
03	+0.01750	+90,553.88	+0.00	+88,919.39	+33,500.922	-36,869.760
04	+0.01721	+116,754.83	+0.00	+115,803.25	+32,945.764	-36,869.760
05	+0.01693	+141,118.68	+0.00	+140,602.23	+32,409.749	-34,519.225
06	+0.01661	+132,961.66	+0.00	+131,699.27	+31,797.161	-34,519.225
07	+0.01643	+135,964.71	+0.00	+135,503.65	+31,452.580	-30,620.880
08	+0.01634	+124,073.94	+0.00	+122,892.99	+31,280.290	-30,620.880
09	+0.01617	+116,264.47	+0.00	+115,849.24	+30,954.852	-22,821.745
10	+0.01590	+113,719.81	+0.00	+113,524.96	+30,437.981	-22,821.745
11	+0.01591	+115,712.04	+0.00	+115,527.16	+30,457.124	-19,617.445
12	+0.01592	+125,686.89	+0.00	+125,123.65	+30,476.268	-19,617.445
13	+0.01621	+130,202.03	+0.00	+129,595.42	+31,031.426	-32,716.490
14	+0.01665	+123,694.47	+0.00	+122,894.44	+31,873.735	-32,716.490
15	+0.01755	+106,243.63	+0.00	+105,505.07	+33,596.639	-43,278.170
16	+0.01849	+95,820.78	+0.00	+95,004.28	+35,396.117	-43,278.170
17	+0.01972	+75,449.32	+0.00	+74,383.31	+37,750.754	-28,071.860
18	+0.02091	+65,251.78	+0.00	+64,253.30	+40,028.816	-28,071.860
19	+0.02183	+59,760.96	+0.00	+58,815.79	+41,790.008	-15,680.720
20	+0.02259	+54,921.83	+0.00	+54,497.44	+43,244.905	-15,680.720
21	+0.02311	+47,597.78	+0.00	+47,263.60	+44,240.361	-4,153.595
22	+0.02346	+43,567.24	+0.00	+42,783.53	+44,910.379	-4,153.595
23	+0.02369	+65,553.62	+0.00	+65,129.69	+45,350.677	-3,221.705
24	+0.02363	+71,088.97	+0.00	+70,716.66	+45,235.817	-3,221.705
25	+0.02383	+64,483.57	+0.00	+64,083.00	+45,618.685	-1,997.195
26	+0.02382	+69,547.24	+0.00	+69,199.40	+45,599.541	-1,997.195
27	+0.02344	+71,678.63	+0.00	+71,299.78	+44,872.093	+97.655
28	+0.02311	+49,663.98	+0.00	+49,053.37	+44,240.361	+97.655
29	+0.02289	+41,016.99	+0.00	+40,896.56	+43,819.206	-91.095
30	+0.02280	+41,918.79	+0.00	+41,773.44	+43,646.916	-91.095
31	+0.02277	+26,914.52	+0.00	+26,583.46	+43,589.486	-1,120.970
32	+0.02299	+21,485.41	+0.00	+21,333.44	+44,010.640	-1,120.970
33	+0.02355	+21,815.00	+0.00	+21,804.98	+45,082.670	-2,345.270
34	+0.02406	+22,071.79	+0.00	+21,931.42	+46,058.982	-2,345.270
35	+0.02447	+26,071.67	+0.00	+25,948.20	+46,843.861	+618.580
36	+0.02462	+31,618.56	+0.00	+31,421.60	+47,131.012	+618.580
37	+0.02466	+24,875.43	+0.00	+24,770.00	+47,207.585	+622.680
38	+0.02439	+18,422.43	+0.00	+18,369.69	+46,690.714	+622.680
39	+0.02431	+16,450.35	+0.00	+16,405.40	+46,537.567	+568.280
40	+0.02395	+16,187.00	+0.00	+15,970.58	+45,848.405	+568.280
41	+0.02359	+12,226.41	+0.00	+12,122.13	+45,159.243	+467.680
42	+0.02320	+10,242.96	+0.00	+10,050.30	+44,412.651	+467.680

43	+0.02286	+32,764.02	+ .00	+32,582.67	+43,761.776	-4,389.695
44	+0.02224	+25,389.60	+ .00	+25,354.73	+42,574.886	-4,389.695
45	+0.02154	+22,608.34	+ .00	+22,382.22	+41,234.850	-15,805.720
46	+0.02040	+22,688.30	+ .00	+22,439.64	+39,052.504	-15,805.720
47	+0.01946	+36,734.53	+ .00	+36,301.02	+37,253.026	-27,325.715
48	+0.01823	+46,134.53	+ .00	+45,076.38	+34,898.389	-27,325.715

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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	+4,107.327	+0.000	+1,925.054	+0.000	+14,178.721
02	+0.000	+3,990.552	+0.000	+1,870.323	+0.000	+13,775.608
03	+0.000	+3,929.919	+0.000	+1,841.905	+0.000	+13,566.299
04	+0.000	+3,864.794	+0.000	+1,811.382	+0.000	+13,341.486
05	+0.000	+3,801.916	+0.000	+1,781.912	+0.000	+13,124.426
06	+0.000	+3,730.054	+0.000	+1,748.231	+0.000	+12,876.356
07	+0.000	+3,689.632	+0.000	+1,729.286	+0.000	+12,736.817
08	+0.000	+3,669.421	+0.000	+1,719.813	+0.000	+12,667.047
09	+0.000	+3,631.245	+0.000	+1,701.921	+0.000	+12,535.261
10	+0.000	+3,570.612	+0.000	+1,673.503	+0.000	+12,325.952
11	+0.000	+3,572.858	+0.000	+1,674.555	+0.000	+12,333.704
12	+0.000	+3,575.103	+0.000	+1,675.608	+0.000	+12,341.456
13	+0.000	+3,640.228	+0.000	+1,706.131	+0.000	+12,566.269
14	+0.000	+3,739.037	+0.000	+1,752.441	+0.000	+12,907.365
15	+0.000	+3,941.147	+0.000	+1,847.168	+0.000	+13,605.060
16	+0.000	+4,152.240	+0.000	+1,946.105	+0.000	+14,333.764
17	+0.000	+4,428.457	+0.000	+2,075.564	+0.000	+15,287.281
18	+0.000	+4,695.692	+0.000	+2,200.814	+0.000	+16,209.790
19	+0.000	+4,902.293	+0.000	+2,297.645	+0.000	+16,922.989
20	+0.000	+5,072.964	+0.000	+2,377.637	+0.000	+17,512.154
21	+0.000	+5,189.739	+0.000	+2,432.368	+0.000	+17,915.267
22	+0.000	+5,268.337	+0.000	+2,469.206	+0.000	+18,186.593
23	+0.000	+5,319.987	+0.000	+2,493.414	+0.000	+18,364.893
24	+0.000	+5,306.513	+0.000	+2,487.099	+0.000	+18,318.380
25	+0.000	+5,351.427	+0.000	+2,508.149	+0.000	+18,473.423
26	+0.000	+5,349.181	+0.000	+2,507.096	+0.000	+18,465.671
27	+0.000	+5,263.846	+0.000	+2,467.101	+0.000	+18,171.089
28	+0.000	+5,189.739	+0.000	+2,432.368	+0.000	+17,915.267
29	+0.000	+5,140.334	+0.000	+2,409.212	+0.000	+17,744.719
30	+0.000	+5,120.123	+0.000	+2,399.740	+0.000	+17,674.950
31	+0.000	+5,113.386	+0.000	+2,396.582	+0.000	+17,651.693
32	+0.000	+5,162.791	+0.000	+2,419.738	+0.000	+17,822.241
33	+0.000	+5,288.548	+0.000	+2,478.678	+0.000	+18,256.363
34	+0.000	+5,403.077	+0.000	+2,532.357	+0.000	+18,651.723
35	+0.000	+5,495.149	+0.000	+2,575.510	+0.000	+18,969.562
36	+0.000	+5,528.834	+0.000	+2,591.298	+0.000	+19,085.845
37	+0.000	+5,537.817	+0.000	+2,595.508	+0.000	+19,116.854
38	+0.000	+5,477.184	+0.000	+2,567.090	+0.000	+18,907.545
39	+0.000	+5,459.219	+0.000	+2,558.670	+0.000	+18,845.528
40	+0.000	+5,378.375	+0.000	+2,520.779	+0.000	+18,566.450
41	+0.000	+5,297.531	+0.000	+2,482.889	+0.000	+18,287.371
42	+0.000	+5,209.950	+0.000	+2,441.840	+0.000	+17,985.037

43	+.000	+5,133.597	+.000	+2,406.055	+.000	+17,721.463
44	+.000	+4,994.365	+.000	+2,340.799	+.000	+17,240.828
45	+.000	+4,837.169	+.000	+2,267.122	+.000	+16,698.176
46	+.000	+4,581.163	+.000	+2,147.135	+.000	+15,814.429
47	+.000	+4,370.070	+.000	+2,048.199	+.000	+15,085.725
48	+.000	+4,093.853	+.000	+1,918.739	+.000	+14,132.208

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SAA Run Number:02

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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	+67.247	+1,002.192	+.000	+.000
02	+.000	+.000	+65.335	+973.699	+.000	+.000
03	+.000	+.000	+64.342	+958.904	+.000	+.000
04	+.000	+.000	+63.276	+943.014	+.000	+.000
05	+.000	+.000	+62.247	+927.671	+.000	+.000
06	+.000	+.000	+61.070	+910.137	+.000	+.000
07	+.000	+.000	+60.408	+900.274	+.000	+.000
08	+.000	+.000	+60.077	+895.342	+.000	+.000
09	+.000	+.000	+59.452	+886.027	+.000	+.000
10	+.000	+.000	+58.460	+871.233	+.000	+.000
11	+.000	+.000	+58.496	+871.781	+.000	+.000
12	+.000	+.000	+58.533	+872.329	+.000	+.000
13	+.000	+.000	+59.599	+888.219	+.000	+.000
14	+.000	+.000	+61.217	+912.329	+.000	+.000
15	+.000	+.000	+64.526	+961.644	+.000	+.000
16	+.000	+.000	+67.982	+1,013.151	+.000	+.000
17	+.000	+.000	+72.505	+1,080.548	+.000	+.000
18	+.000	+.000	+76.880	+1,145.753	+.000	+.000
19	+.000	+.000	+80.263	+1,196.164	+.000	+.000
20	+.000	+.000	+83.057	+1,237.808	+.000	+.000
21	+.000	+.000	+84.969	+1,266.301	+.000	+.000
22	+.000	+.000	+86.256	+1,285.479	+.000	+.000
23	+.000	+.000	+87.101	+1,298.082	+.000	+.000
24	+.000	+.000	+86.881	+1,294.795	+.000	+.000
25	+.000	+.000	+87.616	+1,305.753	+.000	+.000
26	+.000	+.000	+87.579	+1,305.205	+.000	+.000
27	+.000	+.000	+86.182	+1,284.384	+.000	+.000
28	+.000	+.000	+84.969	+1,266.301	+.000	+.000
29	+.000	+.000	+84.160	+1,254.247	+.000	+.000
30	+.000	+.000	+83.829	+1,249.315	+.000	+.000
31	+.000	+.000	+83.719	+1,247.671	+.000	+.000
32	+.000	+.000	+84.528	+1,259.726	+.000	+.000
33	+.000	+.000	+86.587	+1,290.411	+.000	+.000
34	+.000	+.000	+88.462	+1,318.356	+.000	+.000
35	+.000	+.000	+89.969	+1,340.822	+.000	+.000
36	+.000	+.000	+90.521	+1,349.041	+.000	+.000
37	+.000	+.000	+90.668	+1,351.233	+.000	+.000
38	+.000	+.000	+89.675	+1,336.438	+.000	+.000
39	+.000	+.000	+89.381	+1,332.055	+.000	+.000
40	+.000	+.000	+88.057	+1,312.329	+.000	+.000
41	+.000	+.000	+86.734	+1,292.603	+.000	+.000
42	+.000	+.000	+85.300	+1,271.233	+.000	+.000



43	+.000	+.000	+84.050	+1,252.603	+.000	+.000
44	+.000	+.000	+81.770	+1,218.630	+.000	+.000
45	+.000	+.000	+79.196	+1,180.274	+.000	+.000
46	+.000	+.000	+75.005	+1,117.808	+.000	+.000
47	+.000	+.000	+71.549	+1,066.301	+.000	+.000
48	+.000	+.000	+67.026	+998.904	+.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	+103,056.800
02	+ .000	+91,034.221
03	+ .000	+105,911.922
04	+ .000	+131,903.207
05	+ .000	+158,190.926
06	+ .000	+148,303.055
07	+ .000	+155,451.768
08	+ .000	+142,564.102
09	+ .000	+142,796.253
10	+ .000	+139,640.955
11	+ .000	+144,878.233
12	+ .000	+154,505.502
13	+ .000	+146,770.802
14	+ .000	+141,424.074
15	+ .000	+116,243.085
16	+ .000	+108,635.469
17	+ .000	+107,006.559
18	+ .000	+100,539.185
19	+ .000	+110,324.432
20	+ .000	+108,345.245
21	+ .000	+114,239.009
22	+ .000	+110,836.185
23	+ .000	+134,822.140
24	+ .000	+140,224.439
25	+ .000	+135,430.858
26	+ .000	+140,516.480
27	+ .000	+143,542.128
28	+ .000	+120,280.029
29	+ .000	+111,257.343
30	+ .000	+111,857.217
31	+ .000	+95,545.027
32	+ .000	+90,972.133
33	+ .000	+91,942.966
34	+ .000	+93,639.107
35	+ .000	+101,881.654
36	+ .000	+107,816.731
37	+ .000	+101,292.345
38	+ .000	+94,061.016
39	+ .000	+91,796.099
40	+ .000	+90,253.254
41	+ .000	+85,196.180
42	+ .000	+81,923.991

43	+.000	+98,552.518
44	+.000	+89,416.314
45	+.000	+72,873.287
46	+.000	+69,421.964
47	+.000	+68,870.174
48	+.000	+73,859.784