

Date: 02/02/2021

Settlement Day:10/12/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 254

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+5,201,697.990	+448,575,829.610
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,161,874.150	+442,908,218.820
Balancing Services Contract Cost	+687,414.255	+230,413,328.569
Balancing Services Cost Variable	+774,436.410	+113,363,795.110
ESO Incentive Recovery Costs	-101,485.790	+3,818,190.570
Black Start Capital Costs	+29,518.911	+451,655.820
Black Start Testing Costs	+4,326.211	+246,883.936
Black Start Availability Costs	+115,971.846	+29,369,912.205
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+209,314,044.160
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,602,211.680
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	+824,071.040	+209,314,044.160
Total External Costs	+6,678,363.913	+822,244,011.717
Total Adjusted Energy Volume (MWh)	+1,529,287.775	

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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	+23,621.739	+110,544.312	+4.67977
02	+23,709.332	+138,623.788	+5.84680
03	+23,485.132	+150,543.691	+6.41017
04	+22,985.622	+165,366.780	+7.19436
05	+23,288.047	+192,515.785	+8.26672
06	+23,468.113	+200,886.819	+8.55999
07	+23,370.203	+230,050.561	+9.84376
08	+23,161.134	+210,261.455	+9.07820
09	+23,629.891	+237,261.172	+10.04072
10	+23,609.926	+214,392.041	+9.08059
11	+23,520.424	+294,848.263	+12.53584
12	+24,695.565	+303,101.539	+12.27352
13	+27,522.485	+257,260.459	+9.34728
14	+30,512.588	+242,714.832	+7.95458
15	+33,537.158	+231,209.268	+6.89412
16	+35,252.920	+217,715.107	+6.17580
17	+36,088.956	+173,843.426	+4.81708
18	+36,034.663	+170,012.011	+4.71801
19	+36,695.443	+141,525.865	+3.85677
20	+36,776.596	+152,203.532	+4.13860
21	+36,476.583	+148,897.037	+4.08199
22	+36,523.541	+130,554.801	+3.57454
23	+36,616.623	+104,885.628	+2.86443
24	+36,687.946	+114,981.444	+3.13404
25	+36,661.907	+124,368.742	+3.39232
26	+36,631.709	+112,038.819	+3.05852
27	+36,630.809	+100,851.719	+2.75319
28	+36,524.800	+92,115.531	+2.52200
29	+36,668.240	+111,915.643	+3.05211
30	+36,453.095	+118,122.936	+3.24041
31	+35,583.376	+161,183.305	+4.52974
32	+36,640.384	+165,736.150	+4.52332
33	+38,103.780	+104,562.110	+2.74414
34	+38,479.256	+99,301.080	+2.58064
35	+38,743.666	+102,644.521	+2.64932
36	+38,548.116	+102,191.096	+2.65100
37	+38,215.558	+99,440.609	+2.60210
38	+37,732.421	+90,709.759	+2.40403
39	+36,910.628	+100,072.533	+2.71121
40	+35,791.741	+110,271.321	+3.08092
41	+34,393.546	+120,776.418	+3.51160
42	+33,003.461	+116,608.294	+3.53321

43	+31,582.693	+140,932.259	+4.46233
44	+29,686.066	+131,245.324	+4.42111
45	+28,462.639	+135,626.095	+4.76506
46	+26,937.174	+147,442.971	+5.47359
47	+25,192.662	+175,878.899	+6.98135
48	+24,439.418	+204,183.548	+8.35468

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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	+0.01545	+94,089.34	+0.00	+91,845.64	+10,620.550	-5,497.950
02	+0.01550	+120,710.60	+0.00	+119,846.81	+10,654.921	-5,497.950
03	+0.01536	+132,586.07	+0.00	+131,343.42	+10,558.683	-4,855.400
04	+0.01503	+147,164.69	+0.00	+146,683.33	+10,331.836	-4,855.400
05	+0.01523	+169,403.26	+0.00	+168,767.34	+10,469.319	-103.630
06	+0.01535	+177,355.03	+0.00	+176,950.44	+10,551.809	-103.630
07	+0.01528	+208,876.48	+0.00	+206,413.91	+10,503.690	-293.730
08	+0.01515	+187,109.41	+0.00	+186,828.40	+10,414.326	-293.730
09	+0.01545	+210,976.53	+0.00	+210,736.87	+10,620.550	+2,327.680
10	+0.01544	+189,174.28	+0.00	+187,883.40	+10,613.676	+2,327.680
11	+0.01538	+204,151.42	+0.00	+201,891.60	+10,572.431	+68,869.670
12	+0.01615	+210,034.26	+0.00	+208,938.96	+11,101.740	+68,869.670
13	+0.01800	+185,595.97	+0.00	+183,273.83	+12,373.457	+45,796.390
14	+0.01995	+166,155.00	+0.00	+165,674.26	+13,713.914	+45,796.390
15	+0.02193	+130,363.99	+0.00	+129,570.26	+15,074.995	+67,293.900
16	+0.02305	+114,718.08	+0.00	+114,322.04	+15,844.899	+67,293.900
17	+0.02360	+96,787.56	+0.00	+95,342.42	+16,222.976	+41,540.470
18	+0.02356	+92,521.05	+0.00	+91,573.65	+16,195.480	+41,540.470
19	+0.02400	+97,668.53	+0.00	+97,101.27	+16,497.942	+6,837.610
20	+0.02405	+108,049.97	+0.00	+107,700.63	+16,532.313	+6,837.610
21	+0.02385	+104,883.25	+0.00	+104,707.36	+16,394.830	+6,837.610
22	+0.02388	+86,559.59	+0.00	+86,318.14	+16,415.452	+6,837.610
23	+0.02394	+60,749.29	+0.00	+60,555.00	+16,456.697	+6,837.610
24	+0.02399	+73,018.63	+0.00	+70,572.51	+16,491.068	+6,837.610
25	+0.02397	+80,561.02	+0.00	+79,991.13	+16,477.320	+6,837.610
26	+0.02395	+68,037.68	+0.00	+67,692.53	+16,463.571	+6,837.610
27	+0.02395	+62,002.02	+0.00	+61,727.36	+16,463.571	+1,615.680
28	+0.02388	+53,414.80	+0.00	+53,100.80	+16,415.452	+1,615.680
29	+0.02398	+56,588.44	+0.00	+55,977.06	+16,484.194	+18,382.920
30	+0.02384	+62,882.86	+0.00	+62,403.61	+16,387.956	+18,382.920
31	+0.02327	+54,990.20	+0.00	+54,010.43	+15,996.130	+70,729.160
32	+0.02396	+58,384.90	+0.00	+57,482.65	+16,470.446	+70,729.160
33	+0.02492	+59,064.31	+0.00	+58,696.68	+17,130.363	+6,837.610
34	+0.02516	+53,619.33	+0.00	+53,059.78	+17,295.343	+6,837.610
35	+0.02533	+56,479.09	+0.00	+56,136.98	+17,412.203	+6,837.610
36	+0.02521	+56,225.95	+0.00	+55,871.49	+17,329.713	+6,837.610
37	+0.02499	+53,760.26	+0.00	+53,465.55	+17,178.482	+6,837.610
38	+0.02467	+45,571.60	+0.00	+45,235.86	+16,958.510	+6,837.610
39	+0.02414	+56,106.93	+0.00	+55,428.68	+16,594.180	+6,837.610
40	+0.02340	+67,123.72	+0.00	+66,786.40	+16,085.494	+6,837.610
41	+0.02249	+79,352.14	+0.00	+78,716.67	+15,459.947	+6,837.610
42	+0.02158	+82,531.07	+0.00	+81,195.65	+14,834.400	+1,615.680

43	+0.02065	+107,666.76	+ .00	+106,976.11	+14,195.104	+1,615.680
44	+0.01941	+99,878.79	+ .00	+99,231.17	+13,342.711	+1,615.680
45	+0.01861	+94,227.23	+ .00	+93,645.35	+12,792.779	+12,835.170
46	+0.01761	+108,369.49	+ .00	+107,503.35	+12,105.365	+12,360.170
47	+0.01647	+142,671.64	+ .00	+141,812.66	+11,321.713	+8,272.170
48	+0.01598	+173,485.48	+ .00	+170,884.71	+10,984.880	+8,272.170

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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	-1,567.955	+456.067	+66.840	+1,791.765	+0.000	+12,731.898
02	-1,573.030	+457.543	+67.056	+1,797.564	+0.000	+12,773.101
03	-1,558.822	+453.410	+66.451	+1,781.328	+0.000	+12,657.731
04	-1,525.331	+443.669	+65.023	+1,743.057	+0.000	+12,385.788
05	-1,545.629	+449.573	+65.888	+1,766.251	+0.000	+12,550.602
06	-1,557.807	+453.115	+66.407	+1,780.168	+0.000	+12,649.490
07	-1,550.703	+451.049	+66.105	+1,772.050	+0.000	+12,591.805
08	-1,537.510	+447.212	+65.542	+1,756.973	+0.000	+12,484.676
09	-1,567.955	+456.067	+66.840	+1,791.765	+0.000	+12,731.898
10	-1,566.941	+455.772	+66.797	+1,790.605	+0.000	+12,723.657
11	-1,560.851	+454.001	+66.537	+1,783.647	+0.000	+12,674.213
12	-1,638.996	+476.730	+69.868	+1,872.945	+0.000	+13,308.747
13	-1,826.744	+531.340	+77.872	+2,087.493	+0.000	+14,833.279
14	-2,024.642	+588.902	+86.308	+2,313.638	+0.000	+16,440.217
15	-2,225.583	+647.350	+94.874	+2,543.263	+0.000	+18,071.878
16	-2,339.247	+680.411	+99.719	+2,673.151	+0.000	+18,994.837
17	-2,395.065	+696.646	+102.099	+2,736.936	+0.000	+19,448.077
18	-2,391.005	+695.466	+101.926	+2,732.297	+0.000	+19,415.114
19	-2,435.659	+708.454	+103.829	+2,783.324	+0.000	+19,777.705
20	-2,440.733	+709.930	+104.045	+2,789.123	+0.000	+19,818.909
21	-2,420.436	+704.026	+103.180	+2,765.929	+0.000	+19,654.094
22	-2,423.481	+704.912	+103.310	+2,769.408	+0.000	+19,678.816
23	-2,429.570	+706.683	+103.569	+2,776.366	+0.000	+19,728.261
24	-2,434.644	+708.159	+103.786	+2,782.165	+0.000	+19,769.464
25	-2,432.614	+707.568	+103.699	+2,779.845	+0.000	+19,752.983
26	-2,430.585	+706.978	+103.613	+2,777.526	+0.000	+19,736.501
27	-2,430.585	+706.978	+103.613	+2,777.526	+0.000	+19,736.501
28	-2,423.481	+704.912	+103.310	+2,769.408	+0.000	+19,678.816
29	-2,433.629	+707.863	+103.743	+2,781.005	+0.000	+19,761.224
30	-2,419.421	+703.731	+103.137	+2,764.769	+0.000	+19,645.854
31	-2,361.574	+686.905	+100.671	+2,698.665	+0.000	+19,176.133
32	-2,431.600	+707.273	+103.656	+2,778.685	+0.000	+19,744.742
33	-2,529.026	+735.611	+107.809	+2,890.018	+0.000	+20,535.850
34	-2,553.382	+742.696	+108.847	+2,917.852	+0.000	+20,733.627
35	-2,570.635	+747.714	+109.583	+2,937.567	+0.000	+20,873.719
36	-2,558.457	+744.172	+109.064	+2,923.650	+0.000	+20,774.831
37	-2,536.130	+737.678	+108.112	+2,898.136	+0.000	+20,593.535
38	-2,503.654	+728.232	+106.728	+2,861.025	+0.000	+20,329.833
39	-2,449.867	+712.587	+104.435	+2,799.560	+0.000	+19,893.075
40	-2,374.767	+690.743	+101.233	+2,713.741	+0.000	+19,283.262
41	-2,282.415	+663.880	+97.296	+2,608.207	+0.000	+18,533.358
42	-2,190.063	+637.018	+93.360	+2,502.672	+0.000	+17,783.453

43	-2,095.682	+609.566	+89.336	+2,394.819	+.000	+17,017.067
44	-1,969.839	+572.962	+83.972	+2,251.014	+.000	+15,995.219
45	-1,888.651	+549.347	+80.511	+2,158.236	+.000	+15,335.962
46	-1,787.165	+519.828	+76.185	+2,042.264	+.000	+14,511.891
47	-1,671.471	+486.176	+71.253	+1,910.056	+.000	+13,572.450
48	-1,621.743	+471.712	+69.133	+1,853.230	+.000	+13,168.655

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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	+0.000	+97.457	+0.000	+0.000	+0.000	+0.000
02	+0.000	+97.773	+0.000	+0.000	+0.000	+0.000
03	+0.000	+96.890	+0.000	+0.000	+0.000	+0.000
04	+0.000	+94.808	+0.000	+0.000	+0.000	+0.000
05	+0.000	+96.070	+0.000	+0.000	+0.000	+0.000
06	+0.000	+96.827	+0.000	+0.000	+0.000	+0.000
07	+0.000	+96.385	+0.000	+0.000	+0.000	+0.000
08	+0.000	+95.565	+0.000	+0.000	+0.000	+0.000
09	+0.000	+97.457	+0.000	+0.000	+0.000	+0.000
10	+0.000	+97.394	+0.000	+0.000	+0.000	+0.000
11	+0.000	+97.016	+0.000	+0.000	+0.000	+0.000
12	+0.000	+101.873	+0.000	+0.000	+0.000	+0.000
13	+0.000	+113.543	+0.000	+0.000	+0.000	+0.000
14	+0.000	+125.843	+0.000	+0.000	+0.000	+0.000
15	+0.000	+138.333	+0.000	+0.000	+0.000	+0.000
16	+0.000	+145.398	+0.000	+0.000	+0.000	+0.000
17	+0.000	+148.867	+0.000	+0.000	+0.000	+0.000
18	+0.000	+148.615	+0.000	+0.000	+0.000	+0.000
19	+0.000	+151.390	+0.000	+0.000	+0.000	+0.000
20	+0.000	+151.705	+0.000	+0.000	+0.000	+0.000
21	+0.000	+150.444	+0.000	+0.000	+0.000	+0.000
22	+0.000	+150.633	+0.000	+0.000	+0.000	+0.000
23	+0.000	+151.012	+0.000	+0.000	+0.000	+0.000
24	+0.000	+151.327	+0.000	+0.000	+0.000	+0.000
25	+0.000	+151.201	+0.000	+0.000	+0.000	+0.000
26	+0.000	+151.075	+0.000	+0.000	+0.000	+0.000
27	+0.000	+151.075	+0.000	+0.000	+0.000	+0.000
28	+0.000	+150.633	+0.000	+0.000	+0.000	+0.000
29	+0.000	+151.264	+0.000	+0.000	+0.000	+0.000
30	+0.000	+150.381	+0.000	+0.000	+0.000	+0.000
31	+0.000	+146.785	+0.000	+0.000	+0.000	+0.000
32	+0.000	+151.138	+0.000	+0.000	+0.000	+0.000
33	+0.000	+157.193	+0.000	+0.000	+0.000	+0.000
34	+0.000	+158.707	+0.000	+0.000	+0.000	+0.000
35	+0.000	+159.780	+0.000	+0.000	+0.000	+0.000
36	+0.000	+159.023	+0.000	+0.000	+0.000	+0.000
37	+0.000	+157.635	+0.000	+0.000	+0.000	+0.000
38	+0.000	+155.616	+0.000	+0.000	+0.000	+0.000
39	+0.000	+152.273	+0.000	+0.000	+0.000	+0.000
40	+0.000	+147.605	+0.000	+0.000	+0.000	+0.000
41	+0.000	+141.865	+0.000	+0.000	+0.000	+0.000
42	+0.000	+136.125	+0.000	+0.000	+0.000	+0.000

43	+.000	+130.259	+.000	+.000	+.000	+.000
44	+.000	+122.437	+.000	+.000	+.000	+.000
45	+.000	+117.390	+.000	+.000	+.000	+.000
46	+.000	+111.082	+.000	+.000	+.000	+.000
47	+.000	+103.891	+.000	+.000	+.000	+.000
48	+.000	+100.801	+.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	+110,544.312
02	+ .000	+138,623.788
03	+ .000	+150,543.691
04	+ .000	+165,366.780
05	+ .000	+192,515.785
06	+ .000	+200,886.819
07	+ .000	+230,050.561
08	+ .000	+210,261.455
09	+ .000	+237,261.172
10	+ .000	+214,392.041
11	+ .000	+294,848.263
12	+ .000	+303,101.539
13	+ .000	+257,260.459
14	+ .000	+242,714.832
15	+ .000	+231,209.268
16	+ .000	+217,715.107
17	+ .000	+173,843.426
18	+ .000	+170,012.011
19	+ .000	+141,525.865
20	+ .000	+152,203.532
21	+ .000	+148,897.037
22	+ .000	+130,554.801
23	+ .000	+104,885.628
24	+ .000	+114,981.444
25	+ .000	+124,368.742
26	+ .000	+112,038.819
27	+ .000	+100,851.719
28	+ .000	+92,115.531
29	+ .000	+111,915.643
30	+ .000	+118,122.936
31	+ .000	+161,183.305
32	+ .000	+165,736.150
33	+ .000	+104,562.110
34	+ .000	+99,301.080
35	+ .000	+102,644.521
36	+ .000	+102,191.096
37	+ .000	+99,440.609
38	+ .000	+90,709.759
39	+ .000	+100,072.533
40	+ .000	+110,271.321
41	+ .000	+120,776.418
42	+ .000	+116,608.294

43	+.000	+140,932.259
44	+.000	+131,245.324
45	+.000	+135,626.095
46	+.000	+147,442.971
47	+.000	+175,878.899
48	+.000	+204,183.548