

Date: 07/01/2021

Settlement Day:14/11/2019

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: 228

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,055,416.160	+385,827,620.780
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,030,619.740	+380,842,804.790
Balancing Services Contract Cost	+629,746.962	+207,851,802.691
Balancing Services Cost Variable	+1,506,980.150	+97,564,529.580
ESO Incentive Recovery Costs	-21,485.790	+5,176,821.110
Black Start Capital Costs	+4,092.783	+90,982.182
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+115,213.670	+26,331,393.296
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+187,888,197.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,438,205.760
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	+187,888,197.120
Total External Costs	+3,271,475.435	+719,569,976.242
Total Adjusted Energy Volume (MWh)	+1,579,176.928	

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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	+23,535.620	+78,916.384	+3.35306
02	+23,593.356	+79,216.482	+3.35758
03	+23,981.114	+85,853.489	+3.58005
04	+24,087.455	+75,951.055	+3.15314
05	+24,022.289	+65,310.598	+2.71875
06	+23,947.672	+63,063.240	+2.63338
07	+23,959.669	+66,738.190	+2.78544
08	+23,650.103	+70,670.960	+2.98819
09	+23,347.026	+80,248.961	+3.43722
10	+23,519.868	+87,942.235	+3.73906
11	+23,833.258	+98,015.424	+4.11255
12	+24,910.497	+98,388.658	+3.94969
13	+27,674.242	+139,691.024	+5.04769
14	+31,041.355	+114,998.100	+3.70467
15	+34,591.062	+100,961.120	+2.91871
16	+36,061.681	+93,546.940	+2.59408
17	+37,216.145	+62,165.131	+1.67038
18	+37,367.738	+53,857.656	+1.44129
19	+37,993.762	+68,450.365	+1.80162
20	+38,162.967	+77,407.629	+2.02834
21	+37,881.675	+80,331.439	+2.12059
22	+37,768.500	+78,378.572	+2.07524
23	+37,760.631	+86,501.353	+2.29078
24	+37,582.714	+88,326.619	+2.35019
25	+37,452.320	+101,893.883	+2.72063
26	+37,133.214	+89,951.204	+2.42239
27	+37,084.845	+89,713.356	+2.41914
28	+36,880.630	+87,876.083	+2.38272
29	+36,966.273	+98,907.520	+2.67562
30	+37,195.456	+97,779.362	+2.62880
31	+37,274.833	+98,240.069	+2.63556
32	+38,093.469	+104,542.622	+2.74437
33	+39,409.287	+160,568.397	+4.07438
34	+40,373.425	+166,584.914	+4.12610
35	+40,777.176	+92,455.481	+2.26733
36	+40,609.724	+90,094.326	+2.21854
37	+40,270.905	+114,818.638	+2.85116
38	+40,004.362	+112,321.547	+2.80773
39	+39,403.332	+109,643.587	+2.78260
40	+38,284.458	+83,275.315	+2.17517
41	+37,136.723	+61,519.934	+1.65658
42	+35,732.836	+49,133.091	+1.37501

43	+33,884.343	+35,779.824	+1.05594
44	+31,885.774	+40,878.772	+1.28204
45	+29,644.514	+42,243.457	+1.42500
46	+27,681.959	+35,361.274	+1.27741
47	+24,809.045	+62,990.621	+2.53902
48	+23,697.626	+74,010.418	+3.12312

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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	+0.01490	+58,797.77	+0.00	+58,566.61	+9,383.230	-2,863.630
02	+0.01494	+59,072.33	+0.00	+58,804.39	+9,408.420	-2,863.630
03	+0.01519	+65,175.33	+0.00	+64,921.53	+9,565.856	-2,733.250
04	+0.01525	+55,276.26	+0.00	+54,925.62	+9,603.641	-2,733.250
05	+0.01521	+44,708.43	+0.00	+44,239.36	+9,578.451	-2,625.130
06	+0.01516	+42,519.67	+0.00	+42,069.90	+9,546.964	-2,625.130
07	+0.01517	+45,024.19	+0.00	+44,711.64	+9,553.261	-1,607.500
08	+0.01498	+49,985.51	+0.00	+48,940.42	+9,433.609	-1,607.500
09	+0.01478	+59,285.43	+0.00	+56,766.51	+9,307.660	+456.000
10	+0.01489	+64,677.93	+0.00	+64,288.41	+9,376.932	+456.000
11	+0.01509	+74,599.41	+0.00	+74,050.01	+9,502.882	+456.000
12	+0.01577	+75,441.96	+0.00	+73,363.84	+9,931.110	+456.000
13	+0.01752	+56,567.72	+0.00	+55,614.89	+11,033.167	+56,780.910
14	+0.01966	+28,222.26	+0.00	+27,587.96	+12,380.825	+56,780.910
15	+0.02190	+14,416.94	+0.00	+13,435.97	+13,791.458	+53,406.120
16	+0.02284	+5,168.28	+0.00	+4,557.32	+14,383.421	+53,406.120
17	+0.02357	+10,643.62	+0.00	+10,603.96	+14,843.136	+14,840.370
18	+0.02366	+2,211.15	+0.00	+2,156.27	+14,899.813	+14,840.370
19	+0.02406	+10,112.21	+0.00	+9,788.55	+15,151.712	+21,177.620
20	+0.02417	+18,742.30	+0.00	+18,574.44	+15,220.984	+21,177.620
21	+0.02399	+9,835.57	+0.00	+9,514.02	+15,107.630	+33,442.280
22	+0.02392	+7,942.99	+0.00	+7,670.21	+15,063.547	+33,442.280
23	+0.02391	+9,241.88	+0.00	+8,996.09	+15,057.250	+40,254.760
24	+0.02380	+11,238.77	+0.00	+10,992.73	+14,987.978	+40,254.760
25	+0.02372	+122.12	+0.00	-111.05	+14,937.598	+65,050.440
26	+0.02351	-11,300.02	+0.00	-11,726.56	+14,805.351	+65,050.440
27	+0.02348	-15,652.94	+0.00	-15,873.99	+14,786.459	+69,006.760
28	+0.02335	-17,242.97	+0.00	-17,508.73	+14,704.592	+69,006.760
29	+0.02341	-10,001.25	+0.00	-10,958.29	+14,742.376	+73,394.280
30	+0.02355	-11,862.94	+0.00	-12,304.56	+14,830.541	+73,394.280
31	+0.02360	-15,329.86	+0.00	-15,825.98	+14,862.028	+77,298.510
32	+0.02412	-7,850.41	+0.00	-10,333.56	+15,189.497	+77,298.510
33	+0.02496	+11,182.44	+0.00	+10,941.28	+15,718.484	+110,740.770
34	+0.02557	+17,107.11	+0.00	+16,007.45	+16,102.630	+110,740.770
35	+0.02582	+25,326.12	+0.00	+24,865.93	+16,260.067	+27,363.370
36	+0.02572	+23,324.37	+0.00	+22,660.57	+16,197.092	+27,363.370
37	+0.02550	+12,008.98	+0.00	+11,414.03	+16,058.548	+63,676.970
38	+0.02533	+9,432.17	+0.00	+9,181.79	+15,951.491	+63,676.970
39	+0.02495	+42,593.83	+0.00	+42,191.45	+15,712.187	+28,581.370
40	+0.02424	+17,150.22	+0.00	+16,929.32	+15,265.066	+28,581.370
41	+0.02352	+19,848.97	+0.00	+19,637.16	+14,811.649	+5,239.870
42	+0.02263	+14,002.46	+0.00	+13,876.76	+14,251.174	+0.000

43	+0.02146	+2,698.39	+.00	+2,346.29	+13,514.370	+.000
44	+0.02019	+9,651.63	+.00	+9,423.83	+12,714.591	+.000
45	+0.01877	+13,076.72	+.00	+13,000.80	+11,820.350	+.000
46	+0.01753	+8,249.15	+.00	+8,050.47	+11,039.464	+.000
47	+0.01571	+14,005.15	+.00	+13,742.16	+9,893.325	+24,773.120
48	+0.01501	+25,968.81	+.00	+25,852.52	+9,452.502	+24,773.120

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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	-320.138	+60.982	+0.000	+1,716.684	+0.000	+12,278.658
02	-320.998	+61.146	+0.000	+1,721.292	+0.000	+12,311.621
03	-326.369	+62.169	+0.000	+1,750.096	+0.000	+12,517.639
04	-327.658	+62.415	+0.000	+1,757.008	+0.000	+12,567.083
05	-326.799	+62.251	+0.000	+1,752.400	+0.000	+12,534.121
06	-325.725	+62.047	+0.000	+1,746.639	+0.000	+12,492.917
07	-325.939	+62.088	+0.000	+1,747.791	+0.000	+12,501.158
08	-321.857	+61.310	+0.000	+1,725.901	+0.000	+12,344.584
09	-317.560	+60.491	+0.000	+1,702.858	+0.000	+12,179.770
10	-319.923	+60.942	+0.000	+1,715.532	+0.000	+12,270.418
11	-324.221	+61.760	+0.000	+1,738.574	+0.000	+12,435.232
12	-338.831	+64.543	+0.000	+1,816.920	+0.000	+12,995.600
13	-376.431	+71.706	+0.000	+2,018.543	+0.000	+14,437.725
14	-422.411	+80.464	+0.000	+2,265.101	+0.000	+16,201.237
15	-470.539	+89.632	+0.000	+2,523.179	+0.000	+18,047.156
16	-490.735	+93.479	+0.000	+2,631.480	+0.000	+18,821.783
17	-506.420	+96.467	+0.000	+2,715.586	+0.000	+19,423.354
18	-508.354	+96.835	+0.000	+2,725.955	+0.000	+19,497.521
19	-516.948	+98.472	+0.000	+2,772.041	+0.000	+19,827.149
20	-519.312	+98.923	+0.000	+2,784.714	+0.000	+19,917.797
21	-515.444	+98.186	+0.000	+2,763.976	+0.000	+19,769.464
22	-513.940	+97.899	+0.000	+2,755.911	+0.000	+19,711.779
23	-513.725	+97.858	+0.000	+2,754.759	+0.000	+19,703.539
24	-511.362	+97.408	+0.000	+2,742.085	+0.000	+19,612.891
25	-509.643	+97.081	+0.000	+2,732.868	+0.000	+19,546.965
26	-505.131	+96.221	+0.000	+2,708.673	+0.000	+19,373.910
27	-504.486	+96.099	+0.000	+2,705.217	+0.000	+19,349.188
28	-501.693	+95.566	+0.000	+2,690.239	+0.000	+19,242.059
29	-502.982	+95.812	+0.000	+2,697.152	+0.000	+19,291.503
30	-505.990	+96.385	+0.000	+2,713.282	+0.000	+19,406.873
31	-507.065	+96.590	+0.000	+2,719.043	+0.000	+19,448.077
32	-518.237	+98.718	+0.000	+2,778.954	+0.000	+19,876.593
33	-536.285	+102.156	+0.000	+2,875.733	+0.000	+20,568.813
34	-549.392	+104.652	+0.000	+2,946.014	+0.000	+21,071.496
35	-554.763	+105.676	+0.000	+2,974.817	+0.000	+21,277.514
36	-552.615	+105.266	+0.000	+2,963.296	+0.000	+21,195.107
37	-547.888	+104.366	+0.000	+2,937.949	+0.000	+21,013.812
38	-544.235	+103.670	+0.000	+2,918.362	+0.000	+20,873.719
39	-536.070	+102.115	+0.000	+2,874.581	+0.000	+20,560.572
40	-520.816	+99.209	+0.000	+2,792.779	+0.000	+19,975.482
41	-505.346	+96.262	+0.000	+2,709.826	+0.000	+19,382.151
42	-486.223	+92.620	+0.000	+2,607.285	+0.000	+18,648.728

43	-461.085	+87.831	+.000	+2,472.485	+.000	+17,684.565
44	-433.798	+82.633	+.000	+2,326.164	+.000	+16,637.994
45	-403.288	+76.822	+.000	+2,162.561	+.000	+15,467.813
46	-376.646	+71.746	+.000	+2,019.696	+.000	+14,445.965
47	-337.542	+64.298	+.000	+1,810.007	+.000	+12,946.156
48	-322.502	+61.433	+.000	+1,729.357	+.000	+12,369.306

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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	+93.988	+.000	+.000	+.000	+.000
02	+.000	+94.240	+.000	+.000	+.000	+.000
03	+.000	+95.817	+.000	+.000	+.000	+.000
04	+.000	+96.196	+.000	+.000	+.000	+.000
05	+.000	+95.943	+.000	+.000	+.000	+.000
06	+.000	+95.628	+.000	+.000	+.000	+.000
07	+.000	+95.691	+.000	+.000	+.000	+.000
08	+.000	+94.493	+.000	+.000	+.000	+.000
09	+.000	+93.231	+.000	+.000	+.000	+.000
10	+.000	+93.925	+.000	+.000	+.000	+.000
11	+.000	+95.187	+.000	+.000	+.000	+.000
12	+.000	+99.476	+.000	+.000	+.000	+.000
13	+.000	+110.515	+.000	+.000	+.000	+.000
14	+.000	+124.014	+.000	+.000	+.000	+.000
15	+.000	+138.143	+.000	+.000	+.000	+.000
16	+.000	+144.073	+.000	+.000	+.000	+.000
17	+.000	+148.678	+.000	+.000	+.000	+.000
18	+.000	+149.245	+.000	+.000	+.000	+.000
19	+.000	+151.769	+.000	+.000	+.000	+.000
20	+.000	+152.462	+.000	+.000	+.000	+.000
21	+.000	+151.327	+.000	+.000	+.000	+.000
22	+.000	+150.885	+.000	+.000	+.000	+.000
23	+.000	+150.822	+.000	+.000	+.000	+.000
24	+.000	+150.128	+.000	+.000	+.000	+.000
25	+.000	+149.624	+.000	+.000	+.000	+.000
26	+.000	+148.299	+.000	+.000	+.000	+.000
27	+.000	+148.110	+.000	+.000	+.000	+.000
28	+.000	+147.290	+.000	+.000	+.000	+.000
29	+.000	+147.668	+.000	+.000	+.000	+.000
30	+.000	+148.552	+.000	+.000	+.000	+.000
31	+.000	+148.867	+.000	+.000	+.000	+.000
32	+.000	+152.147	+.000	+.000	+.000	+.000
33	+.000	+157.446	+.000	+.000	+.000	+.000
34	+.000	+161.294	+.000	+.000	+.000	+.000
35	+.000	+162.870	+.000	+.000	+.000	+.000
36	+.000	+162.240	+.000	+.000	+.000	+.000
37	+.000	+160.852	+.000	+.000	+.000	+.000
38	+.000	+159.780	+.000	+.000	+.000	+.000
39	+.000	+157.383	+.000	+.000	+.000	+.000
40	+.000	+152.904	+.000	+.000	+.000	+.000
41	+.000	+148.362	+.000	+.000	+.000	+.000
42	+.000	+142.748	+.000	+.000	+.000	+.000

43	+.000	+135.368	+.000	+.000	+.000	+.000
44	+.000	+127.357	+.000	+.000	+.000	+.000
45	+.000	+118.400	+.000	+.000	+.000	+.000
46	+.000	+110.578	+.000	+.000	+.000	+.000
47	+.000	+99.097	+.000	+.000	+.000	+.000
48	+.000	+94.682	+.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(f)	Total Period BSUoS charges(f)
01	+ .000	+78,916.384
02	+ .000	+79,216.482
03	+ .000	+85,853.489
04	+ .000	+75,951.055
05	+ .000	+65,310.598
06	+ .000	+63,063.240
07	+ .000	+66,738.190
08	+ .000	+70,670.960
09	+ .000	+80,248.961
10	+ .000	+87,942.235
11	+ .000	+98,015.424
12	+ .000	+98,388.658
13	+ .000	+139,691.024
14	+ .000	+114,998.100
15	+ .000	+100,961.120
16	+ .000	+93,546.940
17	+ .000	+62,165.131
18	+ .000	+53,857.656
19	+ .000	+68,450.365
20	+ .000	+77,407.629
21	+ .000	+80,331.439
22	+ .000	+78,378.572
23	+ .000	+86,501.353
24	+ .000	+88,326.619
25	+ .000	+101,893.883
26	+ .000	+89,951.204
27	+ .000	+89,713.356
28	+ .000	+87,876.083
29	+ .000	+98,907.520
30	+ .000	+97,779.362
31	+ .000	+98,240.069
32	+ .000	+104,542.622
33	+ .000	+160,568.397
34	+ .000	+166,584.914
35	+ .000	+92,455.481
36	+ .000	+90,094.326
37	+ .000	+114,818.638
38	+ .000	+112,321.547
39	+ .000	+109,643.587
40	+ .000	+83,275.315
41	+ .000	+61,519.934
42	+ .000	+49,133.091

43	+.000	+35,779.824
44	+.000	+40,878.772
45	+.000	+42,243.457
46	+.000	+35,361.274
47	+.000	+62,990.621
48	+.000	+74,010.418