

Date: 18/12/2019

Settlement Day:25/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 239

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,109,991.850	+8,410,286.290
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,096,059.040	+393,523,777.580
Balancing Services Contract Cost	+780,862.648	+211,773,020.823
Balancing Services Cost Variable	+519,505.980	+105,752,928.375
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+128,208.637	+28,038,470.110
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+196,952,978.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+986,692.380
ESO Incentive Recovery t-1	+80,000.000	+3,840,000.000
ALoMCP Recovery	-81,709.830	-3,922,071.840
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+196,952,978.560
Total External Costs	+2,527,054.895	+746,992,817.428
Total Adjusted Energy Volume (MWh)	+1,550,703.021	

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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	+22,667.191	+77,053.651	+3.39935
02	+23,129.571	+83,033.129	+3.58991
03	+22,859.322	+83,330.098	+3.64534
04	+22,281.693	+73,977.210	+3.32009
05	+22,434.786	+77,805.226	+3.46806
06	+22,416.329	+78,982.291	+3.52343
07	+22,305.056	+91,720.536	+4.11210
08	+21,886.217	+80,999.885	+3.70095
09	+21,977.195	+83,911.898	+3.81814
10	+22,247.269	+86,647.809	+3.89476
11	+22,872.284	+93,353.114	+4.08150
12	+23,940.534	+84,125.391	+3.51393
13	+27,241.787	+84,716.925	+3.10982
14	+30,283.686	+79,274.565	+2.61773
15	+33,630.632	+84,968.506	+2.52652
16	+35,291.003	+94,869.416	+2.68820
17	+35,977.902	+77,210.463	+2.14605
18	+36,213.941	+75,425.317	+2.08277
19	+37,008.332	+56,214.099	+1.51896
20	+37,491.288	+54,777.883	+1.46108
21	+37,335.921	+42,962.317	+1.15070
22	+37,499.982	+46,564.823	+1.24173
23	+37,597.358	+52,795.922	+1.40425
24	+37,608.358	+61,016.802	+1.62243
25	+37,696.696	+82,465.966	+2.18762
26	+37,456.362	+69,645.006	+1.85936
27	+37,598.465	+75,591.242	+2.01049
28	+37,473.561	+64,025.487	+1.70855
29	+37,470.978	+67,910.642	+1.81235
30	+37,419.277	+63,564.315	+1.69871
31	+37,394.582	+63,579.204	+1.70023
32	+38,487.271	+54,743.422	+1.42238
33	+39,618.446	+70,166.241	+1.77105
34	+40,282.559	+79,888.783	+1.98321
35	+40,554.447	+83,521.998	+2.05950
36	+40,211.712	+80,160.135	+1.99345
37	+39,784.125	+74,048.313	+1.86125
38	+39,188.087	+75,914.874	+1.93719
39	+38,166.910	+75,287.794	+1.97259
40	+37,300.513	+70,613.260	+1.89309
41	+36,336.924	+60,903.332	+1.67607
42	+34,877.150	+45,083.105	+1.29263

43	+33,091.989	+42,278.990	+1.27762
44	+30,939.685	+45,618.580	+1.47444
45	+28,827.387	+39,666.377	+1.37600
46	+27,042.617	+37,875.102	+1.40057
47	+25,229.016	+56,308.476	+2.23189
48	+24,056.625	+66,545.370	+2.76620

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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	+0.01462	+42,046.72	+0.00	+41,796.25	+11,416.212	+9,883.500
02	+0.01492	+47,444.12	+0.00	+47,255.06	+11,650.471	+9,883.500
03	+0.01474	+46,741.31	+0.00	+46,590.91	+11,509.915	+11,157.020
04	+0.01437	+38,084.83	+0.00	+37,880.18	+11,220.996	+11,157.020
05	+0.01447	+41,513.83	+0.00	+41,288.46	+11,299.083	+11,403.200
06	+0.01446	+42,761.77	+0.00	+42,482.88	+11,291.274	+11,403.200
07	+0.01438	+52,647.20	+0.00	+52,583.47	+11,228.805	+14,179.700
08	+0.01411	+42,467.69	+0.00	+42,331.42	+11,017.972	+14,179.700
09	+0.01417	+44,803.88	+0.00	+44,716.75	+11,064.824	+14,602.250
10	+0.01435	+47,288.90	+0.00	+47,140.26	+11,205.379	+14,602.250
11	+0.01475	+49,219.20	+0.00	+48,697.04	+11,517.724	+19,056.550
12	+0.01544	+38,436.38	+0.00	+38,271.78	+12,056.519	+19,056.550
13	+0.01757	+20,212.40	+0.00	+19,767.28	+13,719.757	+34,455.840
14	+0.01953	+11,820.60	+0.00	+10,923.22	+15,250.248	+34,455.840
15	+0.02169	-15,013.69	+0.00	-15,950.16	+16,936.911	+63,274.350
16	+0.02276	-7,345.58	+0.00	-7,906.30	+17,772.434	+63,274.350
17	+0.02320	+2,255.20	+0.00	+1,978.61	+18,116.013	+34,966.840
18	+0.02335	-5.13	+0.00	-66.87	+18,233.143	+34,966.840
19	+0.02387	+9,365.54	+0.00	+9,353.82	+18,639.191	+5,432.440
20	+0.02418	+7,455.36	+0.00	+7,379.58	+18,881.259	+5,432.440
21	+0.02408	-4,262.33	+0.00	-4,262.43	+18,803.173	+5,432.440
22	+0.02418	-833.48	+0.00	-833.48	+18,881.259	+5,432.440
23	+0.02425	+5,296.85	+0.00	+5,276.13	+18,935.919	+5,432.440
24	+0.02425	+13,731.26	+0.00	+13,497.01	+18,935.919	+5,432.440
25	+0.02431	+35,028.40	+0.00	+34,842.04	+18,982.771	+5,432.440
26	+0.02415	+22,435.85	+0.00	+22,298.77	+18,857.833	+5,432.440
27	+0.02425	+33,632.64	+0.00	+33,503.89	+18,935.919	+0.000
28	+0.02417	+22,115.98	+0.00	+22,076.98	+18,873.450	+0.000
29	+0.02416	+25,979.49	+0.00	+25,979.49	+18,865.642	+0.000
30	+0.02413	+21,793.79	+0.00	+21,685.23	+18,842.216	+0.000
31	+0.02411	+21,994.59	+0.00	+21,734.83	+18,826.598	+0.000
32	+0.02482	+12,461.80	+0.00	+11,666.80	+19,381.011	+0.000
33	+0.02555	+20,934.25	+0.00	+20,390.22	+19,951.041	+5,432.440
34	+0.02598	+29,671.15	+0.00	+29,366.47	+20,286.812	+5,432.440
35	+0.02615	+33,064.00	+0.00	+32,704.64	+20,419.558	+5,432.440
36	+0.02593	+30,185.75	+0.00	+29,724.60	+20,247.768	+5,432.440
37	+0.02566	+24,694.52	+0.00	+24,081.38	+20,036.936	+5,432.440
38	+0.02527	+27,445.30	+0.00	+26,624.81	+19,732.399	+5,432.440
39	+0.02461	+27,200.51	+0.00	+27,143.20	+19,217.030	+5,432.440
40	+0.02405	+23,658.14	+0.00	+23,440.58	+18,779.747	+5,432.440
41	+0.02343	+14,922.83	+0.00	+14,806.70	+18,295.612	+5,432.440
42	+0.02249	+6,446.55	+0.00	+6,050.34	+17,561.601	+0.000

43	+0.02134	+5,698.35	+.00	+5,242.12	+16,663.609	+.000
44	+0.01995	+11,507.35	+.00	+10,994.14	+15,578.210	+.000
45	+0.01859	+7,845.38	+.00	+7,402.30	+14,516.237	+.000
46	+0.01744	+7,920.78	+.00	+7,606.92	+13,618.245	+.000
47	+0.01627	+27,722.84	+.00	+27,472.90	+12,704.635	+598.000
48	+0.01551	+39,498.78	+.00	+39,028.82	+12,111.180	+598.000

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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	+0.000	+0.000	+1,874.410	+0.000	+12,047.919
02	+0.000	+0.000	+0.000	+1,912.873	+0.000	+12,295.140
03	+0.000	+0.000	+0.000	+1,889.795	+0.000	+12,146.807
04	+0.000	+0.000	+0.000	+1,842.358	+0.000	+11,841.901
05	+0.000	+0.000	+0.000	+1,855.179	+0.000	+11,924.308
06	+0.000	+0.000	+0.000	+1,853.897	+0.000	+11,916.067
07	+0.000	+0.000	+0.000	+1,843.640	+0.000	+11,850.142
08	+0.000	+0.000	+0.000	+1,809.024	+0.000	+11,627.642
09	+0.000	+0.000	+0.000	+1,816.716	+0.000	+11,677.087
10	+0.000	+0.000	+0.000	+1,839.794	+0.000	+11,825.419
11	+0.000	+0.000	+0.000	+1,891.077	+0.000	+12,155.048
12	+0.000	+0.000	+0.000	+1,979.541	+0.000	+12,723.657
13	+0.000	+0.000	+0.000	+2,252.626	+0.000	+14,478.928
14	+0.000	+0.000	+0.000	+2,503.915	+0.000	+16,094.107
15	+0.000	+0.000	+0.000	+2,780.845	+0.000	+17,874.101
16	+0.000	+0.000	+0.000	+2,918.029	+0.000	+18,755.857
17	+0.000	+0.000	+0.000	+2,974.440	+0.000	+19,118.448
18	+0.000	+0.000	+0.000	+2,993.672	+0.000	+19,242.059
19	+0.000	+0.000	+0.000	+3,060.340	+0.000	+19,670.576
20	+0.000	+0.000	+0.000	+3,100.085	+0.000	+19,926.038
21	+0.000	+0.000	+0.000	+3,087.264	+0.000	+19,843.631
22	+0.000	+0.000	+0.000	+3,100.085	+0.000	+19,926.038
23	+0.000	+0.000	+0.000	+3,109.059	+0.000	+19,983.723
24	+0.000	+0.000	+0.000	+3,109.059	+0.000	+19,983.723
25	+0.000	+0.000	+0.000	+3,116.752	+0.000	+20,033.167
26	+0.000	+0.000	+0.000	+3,096.239	+0.000	+19,901.316
27	+0.000	+0.000	+0.000	+3,109.059	+0.000	+19,983.723
28	+0.000	+0.000	+0.000	+3,098.803	+0.000	+19,917.797
29	+0.000	+0.000	+0.000	+3,097.521	+0.000	+19,909.556
30	+0.000	+0.000	+0.000	+3,093.674	+0.000	+19,884.834
31	+0.000	+0.000	+0.000	+3,091.110	+0.000	+19,868.353
32	+0.000	+0.000	+0.000	+3,182.138	+0.000	+20,453.443
33	+0.000	+0.000	+0.000	+3,275.731	+0.000	+21,055.015
34	+0.000	+0.000	+0.000	+3,330.860	+0.000	+21,409.366
35	+0.000	+0.000	+0.000	+3,352.656	+0.000	+21,549.458
36	+0.000	+0.000	+0.000	+3,324.450	+0.000	+21,368.162
37	+0.000	+0.000	+0.000	+3,289.834	+0.000	+21,145.663
38	+0.000	+0.000	+0.000	+3,239.832	+0.000	+20,824.275
39	+0.000	+0.000	+0.000	+3,155.215	+0.000	+20,280.388
40	+0.000	+0.000	+0.000	+3,083.418	+0.000	+19,818.909
41	+0.000	+0.000	+0.000	+3,003.928	+0.000	+19,307.984
42	+0.000	+0.000	+0.000	+2,883.412	+0.000	+18,533.358

43	+.000	+.000	+.000	+2,735.972	+.000	+17,585.676
44	+.000	+.000	+.000	+2,557.762	+.000	+16,440.217
45	+.000	+.000	+.000	+2,383.399	+.000	+15,319.481
46	+.000	+.000	+.000	+2,235.959	+.000	+14,371.799
47	+.000	+.000	+.000	+2,085.955	+.000	+13,407.636
48	+.000	+.000	+.000	+1,988.516	+.000	+12,781.342

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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	+60.358	+1,169.600	-1,194.598	+.000
02	+.000	+.000	+61.596	+1,193.600	-1,219.111	+.000
03	+.000	+.000	+60.853	+1,179.200	-1,204.403	+.000
04	+.000	+.000	+59.325	+1,149.600	-1,174.170	+.000
05	+.000	+.000	+59.738	+1,157.600	-1,182.341	+.000
06	+.000	+.000	+59.697	+1,156.800	-1,181.524	+.000
07	+.000	+.000	+59.367	+1,150.400	-1,174.987	+.000
08	+.000	+.000	+58.252	+1,128.800	-1,152.926	+.000
09	+.000	+.000	+58.500	+1,133.600	-1,157.828	+.000
10	+.000	+.000	+59.243	+1,148.000	-1,172.536	+.000
11	+.000	+.000	+60.894	+1,180.000	-1,205.220	+.000
12	+.000	+.000	+63.743	+1,235.200	-1,261.600	+.000
13	+.000	+.000	+72.536	+1,405.600	-1,435.642	+.000
14	+.000	+.000	+80.628	+1,562.400	-1,595.793	+.000
15	+.000	+.000	+89.545	+1,735.200	-1,772.286	+.000
16	+.000	+.000	+93.963	+1,820.800	-1,859.716	+.000
17	+.000	+.000	+95.779	+1,856.000	-1,895.668	+.000
18	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
19	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
20	+.000	+.000	+99.825	+1,934.400	-1,975.744	+.000
21	+.000	+.000	+99.412	+1,926.400	-1,967.573	+.000
22	+.000	+.000	+99.825	+1,934.400	-1,975.744	+.000
23	+.000	+.000	+100.114	+1,940.000	-1,981.463	+.000
24	+.000	+.000	+100.114	+1,940.000	-1,981.463	+.000
25	+.000	+.000	+100.362	+1,944.800	-1,986.366	+.000
26	+.000	+.000	+99.701	+1,932.000	-1,973.292	+.000
27	+.000	+.000	+100.114	+1,940.000	-1,981.463	+.000
28	+.000	+.000	+99.784	+1,933.600	-1,974.927	+.000
29	+.000	+.000	+99.743	+1,932.800	-1,974.109	+.000
30	+.000	+.000	+99.619	+1,930.400	-1,971.658	+.000
31	+.000	+.000	+99.536	+1,928.800	-1,970.024	+.000
32	+.000	+.000	+102.467	+1,985.600	-2,028.038	+.000
33	+.000	+.000	+105.481	+2,044.000	-2,087.686	+.000
34	+.000	+.000	+107.256	+2,078.400	-2,122.821	+.000
35	+.000	+.000	+107.958	+2,092.000	-2,136.712	+.000
36	+.000	+.000	+107.050	+2,074.400	-2,118.736	+.000
37	+.000	+.000	+105.935	+2,052.800	-2,096.674	+.000
38	+.000	+.000	+104.325	+2,021.600	-2,064.807	+.000
39	+.000	+.000	+101.600	+1,968.800	-2,010.879	+.000
40	+.000	+.000	+99.289	+1,924.000	-1,965.121	+.000
41	+.000	+.000	+96.729	+1,874.400	-1,914.461	+.000
42	+.000	+.000	+92.848	+1,799.200	-1,837.654	+.000



43	+.000	+.000	+88.100	+1,707.200	-1,743.688	+.000
44	+.000	+.000	+82.362	+1,596.000	-1,630.111	+.000
45	+.000	+.000	+76.747	+1,487.200	-1,518.986	+.000
46	+.000	+.000	+72.000	+1,395.200	-1,425.019	+.000
47	+.000	+.000	+67.169	+1,301.600	-1,329.419	+.000
48	+.000	+.000	+64.032	+1,240.800	-1,267.319	+.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	+77,053.651
02	+ .000	+83,033.129
03	+ .000	+83,330.098
04	+ .000	+73,977.210
05	+ .000	+77,805.226
06	+ .000	+78,982.291
07	+ .000	+91,720.536
08	+ .000	+80,999.885
09	+ .000	+83,911.898
10	+ .000	+86,647.809
11	+ .000	+93,353.114
12	+ .000	+84,125.391
13	+ .000	+84,716.925
14	+ .000	+79,274.565
15	+ .000	+84,968.506
16	+ .000	+94,869.416
17	+ .000	+77,210.463
18	+ .000	+75,425.317
19	+ .000	+56,214.099
20	+ .000	+54,777.883
21	+ .000	+42,962.317
22	+ .000	+46,564.823
23	+ .000	+52,795.922
24	+ .000	+61,016.802
25	+ .000	+82,465.966
26	+ .000	+69,645.006
27	+ .000	+75,591.242
28	+ .000	+64,025.487
29	+ .000	+67,910.642
30	+ .000	+63,564.315
31	+ .000	+63,579.204
32	+ .000	+54,743.422
33	+ .000	+70,166.241
34	+ .000	+79,888.783
35	+ .000	+83,521.998
36	+ .000	+80,160.135
37	+ .000	+74,048.313
38	+ .000	+75,914.874
39	+ .000	+75,287.794
40	+ .000	+70,613.260
41	+ .000	+60,903.332
42	+ .000	+45,083.105

43	+.000	+42,278.990
44	+.000	+45,618.580
45	+.000	+39,666.377
46	+.000	+37,875.102
47	+.000	+56,308.476
48	+.000	+66,545.370