

Date: 18/12/2019

Settlement Day:10/12/2019

SAA Run Number:01

Settlement Run Type:II

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	+5,202,900.720	+37,490,327.970
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+5,163,387.550	+443,196,009.520
Balancing Services Contract Cost	+172,379.771	+184,858,273.767
Balancing Services Cost Variable	+774,436.410	+113,787,193.755
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+31,313,054.737
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+209,314,044.160
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,048,618.680
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	+209,314,044.160
Total External Costs	+6,235,909.992	+781,703,046.469
Total Adjusted Energy Volume (MWh)	+1,523,762.063	

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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	+23,580.105	+103,882.840	+4.40553
02	+23,663.354	+131,886.599	+5.57345
03	+23,437.985	+143,879.796	+6.13874
04	+22,938.393	+158,971.614	+6.93037
05	+23,231.927	+185,986.355	+8.00564
06	+23,407.997	+194,303.613	+8.30074
07	+23,314.473	+223,458.303	+9.58453
08	+23,109.461	+203,724.103	+8.81561
09	+23,575.496	+230,570.550	+9.78009
10	+23,547.085	+207,808.397	+8.82523
11	+23,453.596	+288,143.347	+12.28568
12	+24,622.488	+296,007.478	+12.02183
13	+27,436.791	+249,296.309	+9.08621
14	+30,399.426	+233,897.814	+7.69415
15	+33,422.541	+221,489.975	+6.62696
16	+35,126.679	+207,478.571	+5.90658
17	+35,954.584	+163,373.387	+4.54388
18	+35,910.110	+159,574.622	+4.44372
19	+36,569.898	+130,797.190	+3.57664
20	+36,653.109	+141,534.698	+3.86147
21	+36,335.090	+138,280.526	+3.80570
22	+36,367.026	+119,916.409	+3.29739
23	+36,458.989	+94,231.779	+2.58460
24	+36,528.756	+104,298.185	+2.85524
25	+36,503.506	+113,704.193	+3.11488
26	+36,507.439	+101,444.383	+2.77873
27	+36,511.531	+90,253.533	+2.47192
28	+36,403.540	+81,560.072	+2.24044
29	+36,547.738	+101,311.648	+2.77204
30	+36,332.572	+107,561.885	+2.96048
31	+35,458.860	+150,882.075	+4.25513
32	+36,497.133	+155,061.822	+4.24860
33	+37,958.114	+93,458.573	+2.46215
34	+38,332.624	+88,105.422	+2.29844
35	+38,600.060	+91,370.259	+2.36710
36	+38,408.857	+90,962.270	+2.36826
37	+38,065.604	+88,312.384	+2.32000
38	+37,583.068	+79,724.193	+2.12128
39	+36,753.333	+89,316.409	+2.43016
40	+35,626.769	+99,845.742	+2.80255
41	+34,236.192	+110,736.279	+3.23448
42	+32,842.523	+106,976.485	+3.25726

43	+31,425.868	+131,717.679	+4.19138
44	+29,555.216	+122,546.097	+4.14634
45	+28,344.485	+127,296.522	+4.49105
46	+26,816.786	+139,521.264	+5.20276
47	+25,075.873	+168,488.775	+6.71916
48	+24,329.013	+197,030.608	+8.09859

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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	+0.01547	+94,266.31	+0.00	+92,021.02	+2,666.715	-5,497.950
02	+0.01553	+120,822.15	+0.00	+119,957.45	+2,677.058	-5,497.950
03	+0.01538	+132,720.54	+0.00	+131,476.42	+2,651.201	-4,855.400
04	+0.01505	+147,415.82	+0.00	+146,938.55	+2,594.316	-4,855.400
05	+0.01525	+169,607.06	+0.00	+168,977.09	+2,628.792	-103.630
06	+0.01536	+177,566.75	+0.00	+177,170.91	+2,647.753	-103.630
07	+0.01530	+209,042.21	+0.00	+206,583.03	+2,637.410	-293.730
08	+0.01517	+187,252.00	+0.00	+186,994.71	+2,615.001	-293.730
09	+0.01547	+211,104.06	+0.00	+210,883.10	+2,666.715	+2,327.680
10	+0.01545	+189,278.22	+0.00	+188,143.39	+2,663.267	+2,327.680
11	+0.01539	+204,217.58	+0.00	+202,003.68	+2,652.925	+68,869.670
12	+0.01616	+210,061.48	+0.00	+209,003.75	+2,785.657	+68,869.670
13	+0.01801	+185,632.19	+0.00	+183,289.87	+3,104.560	+45,796.390
14	+0.01995	+166,190.40	+0.00	+165,714.39	+3,438.976	+45,796.390
15	+0.02193	+130,402.84	+0.00	+129,587.17	+3,780.288	+67,293.900
16	+0.02305	+114,728.36	+0.00	+114,318.95	+3,973.354	+67,293.900
17	+0.02360	+96,794.19	+0.00	+95,350.01	+4,068.163	+41,540.470
18	+0.02357	+92,531.71	+0.00	+91,584.91	+4,062.991	+41,540.470
19	+0.02400	+97,594.75	+0.00	+97,027.81	+4,137.115	+6,837.610
20	+0.02405	+108,047.18	+0.00	+107,709.21	+4,145.733	+6,837.610
21	+0.02385	+104,854.39	+0.00	+104,679.47	+4,111.258	+6,837.610
22	+0.02387	+86,534.27	+0.00	+86,292.91	+4,114.705	+6,837.610
23	+0.02393	+60,735.19	+0.00	+60,540.95	+4,125.048	+6,837.610
24	+0.02397	+73,004.25	+0.00	+70,562.47	+4,131.943	+6,837.610
25	+0.02396	+80,549.44	+0.00	+79,979.70	+4,130.219	+6,837.610
26	+0.02396	+68,050.38	+0.00	+67,719.89	+4,130.219	+6,837.610
27	+0.02396	+62,021.01	+0.00	+61,750.97	+4,130.219	+1,615.680
28	+0.02389	+53,447.37	+0.00	+53,136.06	+4,118.153	+1,615.680
29	+0.02399	+56,616.56	+0.00	+56,008.18	+4,135.391	+18,382.920
30	+0.02384	+62,903.38	+0.00	+62,426.74	+4,109.534	+18,382.920
31	+0.02327	+55,016.97	+0.00	+54,040.32	+4,011.277	+70,729.160
32	+0.02395	+58,358.72	+0.00	+57,457.00	+4,128.496	+70,729.160
33	+0.02491	+59,035.46	+0.00	+58,668.03	+4,293.980	+6,837.610
34	+0.02516	+53,593.63	+0.00	+53,034.34	+4,337.075	+6,837.610
35	+0.02533	+56,450.36	+0.00	+56,108.41	+4,366.380	+6,837.610
36	+0.02521	+56,189.31	+0.00	+55,835.08	+4,345.694	+6,837.610
37	+0.02498	+53,737.86	+0.00	+53,443.29	+4,306.047	+6,837.610
38	+0.02466	+45,549.78	+0.00	+45,214.19	+4,250.885	+6,837.610
39	+0.02412	+56,090.42	+0.00	+55,412.37	+4,157.800	+6,837.610
40	+0.02338	+67,109.34	+0.00	+66,772.10	+4,030.239	+6,837.610
41	+0.02247	+79,319.01	+0.00	+78,683.80	+3,873.373	+6,837.610
42	+0.02155	+82,513.46	+0.00	+81,178.32	+3,714.784	+1,615.680

43	+0.02062	+107,653.54	+ .00	+106,963.12	+3,554.471	+1,615.680
44	+0.01940	+99,807.64	+ .00	+99,160.57	+3,344.168	+1,615.680
45	+0.01860	+94,170.69	+ .00	+93,589.23	+3,206.264	+12,835.170
46	+0.01760	+108,276.32	+ .00	+107,411.13	+3,033.884	+12,360.170
47	+0.01646	+142,602.19	+ .00	+141,745.90	+2,837.371	+8,272.170
48	+0.01597	+173,433.98	+ .00	+170,837.59	+2,752.905	+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	+0.000	+0.000	+0.000	+1,907.260	+0.000	+12,748.379
02	+0.000	+0.000	+0.000	+1,914.658	+0.000	+12,797.823
03	+0.000	+0.000	+0.000	+1,896.164	+0.000	+12,674.213
04	+0.000	+0.000	+0.000	+1,855.479	+0.000	+12,402.269
05	+0.000	+0.000	+0.000	+1,880.137	+0.000	+12,567.083
06	+0.000	+0.000	+0.000	+1,893.699	+0.000	+12,657.731
07	+0.000	+0.000	+0.000	+1,886.301	+0.000	+12,608.287
08	+0.000	+0.000	+0.000	+1,870.274	+0.000	+12,501.158
09	+0.000	+0.000	+0.000	+1,907.260	+0.000	+12,748.379
10	+0.000	+0.000	+0.000	+1,904.795	+0.000	+12,731.898
11	+0.000	+0.000	+0.000	+1,897.397	+0.000	+12,682.453
12	+0.000	+0.000	+0.000	+1,992.329	+0.000	+13,316.988
13	+0.000	+0.000	+0.000	+2,220.411	+0.000	+14,841.519
14	+0.000	+0.000	+0.000	+2,459.589	+0.000	+16,440.217
15	+0.000	+0.000	+0.000	+2,703.699	+0.000	+18,071.878
16	+0.000	+0.000	+0.000	+2,841.781	+0.000	+18,994.837
17	+0.000	+0.000	+0.000	+2,909.589	+0.000	+19,448.077
18	+0.000	+0.000	+0.000	+2,905.890	+0.000	+19,423.354
19	+0.000	+0.000	+0.000	+2,958.904	+0.000	+19,777.705
20	+0.000	+0.000	+0.000	+2,965.068	+0.000	+19,818.909
21	+0.000	+0.000	+0.000	+2,940.411	+0.000	+19,654.094
22	+0.000	+0.000	+0.000	+2,942.877	+0.000	+19,670.576
23	+0.000	+0.000	+0.000	+2,950.274	+0.000	+19,720.020
24	+0.000	+0.000	+0.000	+2,955.205	+0.000	+19,752.983
25	+0.000	+0.000	+0.000	+2,953.973	+0.000	+19,744.742
26	+0.000	+0.000	+0.000	+2,953.973	+0.000	+19,744.742
27	+0.000	+0.000	+0.000	+2,953.973	+0.000	+19,744.742
28	+0.000	+0.000	+0.000	+2,945.342	+0.000	+19,687.057
29	+0.000	+0.000	+0.000	+2,957.671	+0.000	+19,769.464
30	+0.000	+0.000	+0.000	+2,939.178	+0.000	+19,645.854
31	+0.000	+0.000	+0.000	+2,868.904	+0.000	+19,176.133
32	+0.000	+0.000	+0.000	+2,952.740	+0.000	+19,736.501
33	+0.000	+0.000	+0.000	+3,071.096	+0.000	+20,527.610
34	+0.000	+0.000	+0.000	+3,101.918	+0.000	+20,733.627
35	+0.000	+0.000	+0.000	+3,122.877	+0.000	+20,873.719
36	+0.000	+0.000	+0.000	+3,108.082	+0.000	+20,774.831
37	+0.000	+0.000	+0.000	+3,079.726	+0.000	+20,585.295
38	+0.000	+0.000	+0.000	+3,040.274	+0.000	+20,321.592
39	+0.000	+0.000	+0.000	+2,973.699	+0.000	+19,876.593
40	+0.000	+0.000	+0.000	+2,882.466	+0.000	+19,266.781
41	+0.000	+0.000	+0.000	+2,770.274	+0.000	+18,516.876
42	+0.000	+0.000	+0.000	+2,656.849	+0.000	+17,758.731

43	+.000	+.000	+.000	+2,542.192	+.000	+16,992.345
44	+.000	+.000	+.000	+2,391.781	+.000	+15,986.978
45	+.000	+.000	+.000	+2,293.151	+.000	+15,327.721
46	+.000	+.000	+.000	+2,169.863	+.000	+14,503.650
47	+.000	+.000	+.000	+2,029.315	+.000	+13,564.209
48	+.000	+.000	+.000	+1,968.904	+.000	+13,160.415

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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	+63.867	+1,237.600	-1,264.051	+.000
02	+.000	+.000	+64.114	+1,242.400	-1,268.954	+.000
03	+.000	+.000	+63.495	+1,230.400	-1,256.697	+.000
04	+.000	+.000	+62.133	+1,204.000	-1,229.733	+.000
05	+.000	+.000	+62.958	+1,220.000	-1,246.075	+.000
06	+.000	+.000	+63.413	+1,228.800	-1,255.063	+.000
07	+.000	+.000	+63.165	+1,224.000	-1,250.160	+.000
08	+.000	+.000	+62.628	+1,213.600	-1,239.538	+.000
09	+.000	+.000	+63.867	+1,237.600	-1,264.051	+.000
10	+.000	+.000	+63.784	+1,236.000	-1,262.417	+.000
11	+.000	+.000	+63.536	+1,231.200	-1,257.514	+.000
12	+.000	+.000	+66.715	+1,292.800	-1,320.431	+.000
13	+.000	+.000	+74.353	+1,440.800	-1,471.594	+.000
14	+.000	+.000	+82.362	+1,596.000	-1,630.111	+.000
15	+.000	+.000	+90.536	+1,754.400	-1,791.897	+.000
16	+.000	+.000	+95.160	+1,844.000	-1,883.412	+.000
17	+.000	+.000	+97.431	+1,888.000	-1,928.352	+.000
18	+.000	+.000	+97.307	+1,885.600	-1,925.901	+.000
19	+.000	+.000	+99.082	+1,920.000	-1,961.036	+.000
20	+.000	+.000	+99.289	+1,924.000	-1,965.121	+.000
21	+.000	+.000	+98.463	+1,908.000	-1,948.779	+.000
22	+.000	+.000	+98.545	+1,909.600	-1,950.414	+.000
23	+.000	+.000	+98.793	+1,914.400	-1,955.316	+.000
24	+.000	+.000	+98.958	+1,917.600	-1,958.585	+.000
25	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
26	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
27	+.000	+.000	+98.917	+1,916.800	-1,957.768	+.000
28	+.000	+.000	+98.628	+1,911.200	-1,952.048	+.000
29	+.000	+.000	+99.041	+1,919.200	-1,960.219	+.000
30	+.000	+.000	+98.422	+1,907.200	-1,947.962	+.000
31	+.000	+.000	+96.068	+1,861.600	-1,901.388	+.000
32	+.000	+.000	+98.876	+1,916.000	-1,956.950	+.000
33	+.000	+.000	+102.839	+1,992.800	-2,035.392	+.000
34	+.000	+.000	+103.871	+2,012.800	-2,055.819	+.000
35	+.000	+.000	+104.573	+2,026.400	-2,069.710	+.000
36	+.000	+.000	+104.077	+2,016.800	-2,059.905	+.000
37	+.000	+.000	+103.128	+1,998.400	-2,041.112	+.000
38	+.000	+.000	+101.807	+1,972.800	-2,014.964	+.000
39	+.000	+.000	+99.577	+1,929.600	-1,970.841	+.000
40	+.000	+.000	+96.522	+1,870.400	-1,910.376	+.000
41	+.000	+.000	+92.766	+1,797.600	-1,836.020	+.000
42	+.000	+.000	+88.967	+1,724.000	-1,760.847	+.000



43	+.000	+.000	+85.128	+1,649.600	-1,684.857	+.000
44	+.000	+.000	+80.091	+1,552.000	-1,585.171	+.000
45	+.000	+.000	+76.789	+1,488.000	-1,519.803	+.000
46	+.000	+.000	+72.660	+1,408.000	-1,438.093	+.000
47	+.000	+.000	+67.954	+1,316.800	-1,344.944	+.000
48	+.000	+.000	+65.931	+1,277.600	-1,304.906	+.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	+103,882.840
02	+ .000	+131,886.599
03	+ .000	+143,879.796
04	+ .000	+158,971.614
05	+ .000	+185,986.355
06	+ .000	+194,303.613
07	+ .000	+223,458.303
08	+ .000	+203,724.103
09	+ .000	+230,570.550
10	+ .000	+207,808.397
11	+ .000	+288,143.347
12	+ .000	+296,007.478
13	+ .000	+249,296.309
14	+ .000	+233,897.814
15	+ .000	+221,489.975
16	+ .000	+207,478.571
17	+ .000	+163,373.387
18	+ .000	+159,574.622
19	+ .000	+130,797.190
20	+ .000	+141,534.698
21	+ .000	+138,280.526
22	+ .000	+119,916.409
23	+ .000	+94,231.779
24	+ .000	+104,298.185
25	+ .000	+113,704.193
26	+ .000	+101,444.383
27	+ .000	+90,253.533
28	+ .000	+81,560.072
29	+ .000	+101,311.648
30	+ .000	+107,561.885
31	+ .000	+150,882.075
32	+ .000	+155,061.822
33	+ .000	+93,458.573
34	+ .000	+88,105.422
35	+ .000	+91,370.259
36	+ .000	+90,962.270
37	+ .000	+88,312.384
38	+ .000	+79,724.193
39	+ .000	+89,316.409
40	+ .000	+99,845.742
41	+ .000	+110,736.279
42	+ .000	+106,976.485

43	+.000	+131,717.679
44	+.000	+122,546.097
45	+.000	+127,296.522
46	+.000	+139,521.264
47	+.000	+168,488.775
48	+.000	+197,030.608