

Date: 17/12/2019

Settlement Day:23/11/2019

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: 237

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,302,736.520	+6,365,266.690
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,289,789.950	+391,503,882.620
Balancing Services Contract Cost	+912,248.408	+210,244,517.467
Balancing Services Cost Variable	+366,097.440	+104,741,021.175
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	+125,006.400	+27,782,052.836
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+195,304,836.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+978,435.540
ESO Incentive Recovery t-1	+80,000.000	+3,680,000.000
ALoMCP Recovery	-81,709.830	-3,758,652.180
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+195,304,836.480
Total External Costs	+2,695,560.788	+742,171,257.458
Total Adjusted Energy Volume (MWh)	+1,382,060.168	

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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	+23,361.026	+106,534.711	+4.56036
02	+23,331.647	+92,105.806	+3.94768
03	+23,125.478	+97,998.954	+4.23771
04	+22,705.863	+92,325.151	+4.06614
05	+23,089.360	+99,474.260	+4.30823
06	+22,967.253	+97,240.573	+4.23388
07	+22,554.171	+93,027.179	+4.12461
08	+22,240.659	+85,750.518	+3.85557
09	+22,218.969	+80,966.121	+3.64401
10	+22,060.943	+76,941.871	+3.48770
11	+22,086.195	+82,557.206	+3.73796
12	+22,377.731	+90,257.102	+4.03334
13	+23,179.693	+111,226.174	+4.79843
14	+23,813.354	+116,354.797	+4.88612
15	+24,850.222	+98,331.195	+3.95695
16	+25,980.889	+96,527.385	+3.71532
17	+27,451.980	+93,040.805	+3.38922
18	+29,012.583	+90,183.576	+3.10843
19	+30,349.154	+73,615.278	+2.42561
20	+31,113.250	+57,544.617	+1.84952
21	+31,745.134	+72,164.780	+2.27325
22	+31,963.783	+67,155.829	+2.10100
23	+32,207.858	+61,066.315	+1.89601
24	+32,593.373	+59,347.704	+1.82085
25	+32,643.934	+60,200.174	+1.84415
26	+32,689.017	+65,258.646	+1.99635
27	+32,417.617	+66,756.305	+2.05926
28	+32,274.326	+56,620.753	+1.75436
29	+32,415.180	+62,579.807	+1.93057
30	+32,284.742	+40,139.200	+1.24329
31	+32,474.394	+32,107.624	+0.98871
32	+33,334.916	+51,476.076	+1.54421
33	+34,339.942	+76,757.329	+2.23522
34	+34,869.234	+74,706.642	+2.14248
35	+35,584.450	+72,969.869	+2.05061
36	+35,564.394	+56,467.784	+1.58776
37	+35,435.979	+53,455.347	+1.50850
38	+35,016.806	+57,521.014	+1.64267
39	+34,008.121	+57,544.321	+1.69208
40	+32,809.462	+62,214.083	+1.89622
41	+31,882.504	+64,917.074	+2.03613
42	+31,008.983	+45,934.985	+1.48134

43	+30,295.509	+57,281.598	+1.89076
44	+29,089.801	+50,730.990	+1.74394
45	+28,067.212	+55,980.660	+1.99452
46	+26,961.185	+45,082.154	+1.67211
47	+25,531.529	+79,002.120	+3.09430
48	+24,680.363	+82,189.366	+3.33015

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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	+0.01690	+65,242.74	+0.00	+64,713.28	+15,416.998	+10,324.150
02	+0.01688	+50,503.99	+0.00	+50,321.65	+15,398.753	+10,324.150
03	+0.01673	+55,863.34	+0.00	+55,823.58	+15,261.916	+10,994.930
04	+0.01643	+50,736.55	+0.00	+50,708.90	+14,988.241	+10,994.930
05	+0.01671	+57,027.66	+0.00	+56,827.39	+15,243.671	+11,503.700
06	+0.01662	+55,002.62	+0.00	+54,761.44	+15,161.569	+11,503.700
07	+0.01632	+50,527.00	+0.00	+50,491.39	+14,887.894	+12,119.480
08	+0.01609	+43,647.07	+0.00	+43,643.39	+14,678.077	+12,119.480
09	+0.01608	+36,550.66	+0.00	+36,541.52	+14,668.954	+14,455.590
10	+0.01596	+32,797.86	+0.00	+32,740.92	+14,559.485	+14,455.590
11	+0.01598	+39,141.67	+0.00	+38,922.78	+14,577.730	+13,851.790
12	+0.01619	+46,440.39	+0.00	+46,231.29	+14,769.302	+13,851.790
13	+0.01677	+57,931.40	+0.00	+57,266.62	+15,298.406	+22,704.560
14	+0.01723	+62,029.65	+0.00	+61,537.92	+15,718.040	+22,704.560
15	+0.01798	+59,595.27	+0.00	+59,312.43	+16,402.226	+5,508.640
16	+0.01880	+56,103.26	+0.00	+55,980.35	+17,150.270	+5,508.640
17	+0.01986	+50,128.84	+0.00	+50,045.70	+18,117.253	+5,981.140
18	+0.02099	+45,317.81	+0.00	+45,082.44	+19,148.094	+5,981.140
19	+0.02196	+27,658.20	+0.00	+27,307.51	+20,032.975	+5,379.940
20	+0.02251	+10,476.63	+0.00	+10,211.79	+20,534.712	+5,379.940
21	+0.02297	+24,279.44	+0.00	+23,974.63	+20,954.346	+5,379.940
22	+0.02313	+18,963.48	+0.00	+18,667.48	+21,100.306	+5,379.940
23	+0.02330	+12,460.27	+0.00	+12,261.13	+21,255.388	+5,379.940
24	+0.02358	+10,280.12	+0.00	+10,020.67	+21,510.817	+5,379.940
25	+0.02362	+10,874.76	+0.00	+10,798.59	+21,547.307	+5,379.940
26	+0.02365	+16,244.75	+0.00	+15,801.15	+21,574.675	+5,379.940
27	+0.02346	+23,210.28	+0.00	+23,032.86	+21,401.348	+0.000
28	+0.02335	+13,371.37	+0.00	+13,102.32	+21,301.000	+0.000
29	+0.02345	+19,026.33	+0.00	+18,875.00	+21,392.225	+0.000
30	+0.02336	-3,297.86	+0.00	-3,397.87	+21,310.123	+0.000
31	+0.02350	-11,014.39	+0.00	-11,690.37	+21,437.838	+0.000
32	+0.02412	+6,640.07	+0.00	+6,522.56	+22,003.432	+0.000
33	+0.02485	+25,399.76	+0.00	+25,063.34	+22,669.373	+5,379.940
34	+0.02523	+22,808.65	+0.00	+22,304.43	+23,016.027	+5,379.940
35	+0.02575	+20,135.75	+0.00	+19,598.51	+23,490.397	+5,379.940
36	+0.02573	+5,483.22	+0.00	+3,133.70	+23,472.152	+5,379.940
37	+0.02564	+431.31	+0.00	+289.00	+23,390.049	+5,379.940
38	+0.02534	+5,042.80	+0.00	+4,913.79	+23,116.375	+5,379.940
39	+0.02461	+6,598.58	+0.00	+6,297.63	+22,450.433	+5,379.940
40	+0.02374	+12,870.22	+0.00	+12,588.85	+21,656.777	+5,379.940
41	+0.02307	+16,974.44	+0.00	+16,540.55	+21,045.571	+5,379.940
42	+0.02244	+4,144.81	+0.00	+4,112.56	+20,470.854	+0.000

43	+0.02192	+16,502.31	+.00	+16,428.32	+19,996.485	+.000
44	+0.02105	+11,658.56	+.00	+11,499.17	+19,202.829	+.000
45	+0.02031	+17,731.48	+.00	+17,627.51	+18,527.765	+500.500
46	+0.01951	+8,228.58	+.00	+8,220.00	+17,797.966	+500.500
47	+0.01847	+15,407.33	+.00	+15,204.01	+16,849.228	+29,374.750
48	+0.01786	+19,557.49	+.00	+19,528.14	+16,292.757	+29,374.750

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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	+2,112.608	+0.000	+13,926.801
02	+0.000	+0.000	+0.000	+2,110.108	+0.000	+13,910.319
03	+0.000	+0.000	+0.000	+2,091.357	+0.000	+13,786.708
04	+0.000	+0.000	+0.000	+2,053.855	+0.000	+13,539.487
05	+0.000	+0.000	+0.000	+2,088.857	+0.000	+13,770.227
06	+0.000	+0.000	+0.000	+2,077.606	+0.000	+13,696.061
07	+0.000	+0.000	+0.000	+2,040.104	+0.000	+13,448.839
08	+0.000	+0.000	+0.000	+2,011.353	+0.000	+13,259.303
09	+0.000	+0.000	+0.000	+2,010.103	+0.000	+13,251.062
10	+0.000	+0.000	+0.000	+1,995.102	+0.000	+13,152.174
11	+0.000	+0.000	+0.000	+1,997.602	+0.000	+13,168.655
12	+0.000	+0.000	+0.000	+2,023.854	+0.000	+13,341.710
13	+0.000	+0.000	+0.000	+2,096.357	+0.000	+13,819.671
14	+0.000	+0.000	+0.000	+2,153.860	+0.000	+14,198.744
15	+0.000	+0.000	+0.000	+2,247.615	+0.000	+14,816.797
16	+0.000	+0.000	+0.000	+2,350.120	+0.000	+15,492.536
17	+0.000	+0.000	+0.000	+2,482.627	+0.000	+16,366.051
18	+0.000	+0.000	+0.000	+2,623.884	+0.000	+17,297.251
19	+0.000	+0.000	+0.000	+2,745.141	+0.000	+18,096.600
20	+0.000	+0.000	+0.000	+2,813.894	+0.000	+18,549.839
21	+0.000	+0.000	+0.000	+2,871.397	+0.000	+18,928.912
22	+0.000	+0.000	+0.000	+2,891.398	+0.000	+19,060.763
23	+0.000	+0.000	+0.000	+2,912.649	+0.000	+19,200.855
24	+0.000	+0.000	+0.000	+2,947.651	+0.000	+19,431.595
25	+0.000	+0.000	+0.000	+2,952.651	+0.000	+19,464.558
26	+0.000	+0.000	+0.000	+2,956.401	+0.000	+19,489.280
27	+0.000	+0.000	+0.000	+2,932.650	+0.000	+19,332.707
28	+0.000	+0.000	+0.000	+2,918.899	+0.000	+19,242.059
29	+0.000	+0.000	+0.000	+2,931.400	+0.000	+19,324.466
30	+0.000	+0.000	+0.000	+2,920.150	+0.000	+19,250.299
31	+0.000	+0.000	+0.000	+2,937.650	+0.000	+19,365.669
32	+0.000	+0.000	+0.000	+3,015.154	+0.000	+19,876.593
33	+0.000	+0.000	+0.000	+3,106.409	+0.000	+20,478.165
34	+0.000	+0.000	+0.000	+3,153.911	+0.000	+20,791.312
35	+0.000	+0.000	+0.000	+3,218.915	+0.000	+21,219.829
36	+0.000	+0.000	+0.000	+3,216.415	+0.000	+21,203.348
37	+0.000	+0.000	+0.000	+3,205.164	+0.000	+21,129.181
38	+0.000	+0.000	+0.000	+3,167.662	+0.000	+20,881.960
39	+0.000	+0.000	+0.000	+3,076.408	+0.000	+20,280.388
40	+0.000	+0.000	+0.000	+2,967.652	+0.000	+19,563.446
41	+0.000	+0.000	+0.000	+2,883.898	+0.000	+19,011.319
42	+0.000	+0.000	+0.000	+2,805.144	+0.000	+18,492.154

43	+.000	+.000	+.000	+2,740.140	+.000	+18,063.637
44	+.000	+.000	+.000	+2,631.385	+.000	+17,346.695
45	+.000	+.000	+.000	+2,538.880	+.000	+16,736.883
46	+.000	+.000	+.000	+2,438.875	+.000	+16,077.626
47	+.000	+.000	+.000	+2,308.868	+.000	+15,220.592
48	+.000	+.000	+.000	+2,232.614	+.000	+14,717.909

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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	+69.770	+1,352.000	-1,380.896	+.000
02	+.000	+.000	+69.688	+1,350.400	-1,379.262	+.000
03	+.000	+.000	+69.068	+1,338.400	-1,367.005	+.000
04	+.000	+.000	+67.830	+1,314.400	-1,342.493	+.000
05	+.000	+.000	+68.986	+1,336.800	-1,365.371	+.000
06	+.000	+.000	+68.614	+1,329.600	-1,358.017	+.000
07	+.000	+.000	+67.376	+1,305.600	-1,333.504	+.000
08	+.000	+.000	+66.426	+1,287.200	-1,314.711	+.000
09	+.000	+.000	+66.385	+1,286.400	-1,313.894	+.000
10	+.000	+.000	+65.890	+1,276.800	-1,304.089	+.000
11	+.000	+.000	+65.972	+1,278.400	-1,305.723	+.000
12	+.000	+.000	+66.839	+1,295.200	-1,322.882	+.000
13	+.000	+.000	+69.234	+1,341.600	-1,370.274	+.000
14	+.000	+.000	+71.133	+1,378.400	-1,407.860	+.000
15	+.000	+.000	+74.229	+1,438.400	-1,469.143	+.000
16	+.000	+.000	+77.614	+1,504.000	-1,536.145	+.000
17	+.000	+.000	+81.990	+1,588.800	-1,622.757	+.000
18	+.000	+.000	+86.656	+1,679.200	-1,715.089	+.000
19	+.000	+.000	+90.660	+1,756.800	-1,794.348	+.000
20	+.000	+.000	+92.931	+1,800.800	-1,839.288	+.000
21	+.000	+.000	+94.830	+1,837.600	-1,876.875	+.000
22	+.000	+.000	+95.490	+1,850.400	-1,889.948	+.000
23	+.000	+.000	+96.192	+1,864.000	-1,903.839	+.000
24	+.000	+.000	+97.348	+1,886.400	-1,926.718	+.000
25	+.000	+.000	+97.513	+1,889.600	-1,929.986	+.000
26	+.000	+.000	+97.637	+1,892.000	-1,932.437	+.000
27	+.000	+.000	+96.853	+1,876.800	-1,916.913	+.000
28	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
29	+.000	+.000	+96.811	+1,876.000	-1,916.096	+.000
30	+.000	+.000	+96.440	+1,868.800	-1,908.742	+.000
31	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
32	+.000	+.000	+99.577	+1,929.600	-1,970.841	+.000
33	+.000	+.000	+102.591	+1,988.000	-2,030.489	+.000
34	+.000	+.000	+104.160	+2,018.400	-2,061.539	+.000
35	+.000	+.000	+106.307	+2,060.000	-2,104.028	+.000
36	+.000	+.000	+106.224	+2,058.400	-2,102.394	+.000
37	+.000	+.000	+105.853	+2,051.200	-2,095.040	+.000
38	+.000	+.000	+104.614	+2,027.200	-2,070.527	+.000
39	+.000	+.000	+101.600	+1,968.800	-2,010.879	+.000
40	+.000	+.000	+98.009	+1,899.200	-1,939.791	+.000
41	+.000	+.000	+95.243	+1,845.600	-1,885.046	+.000
42	+.000	+.000	+92.642	+1,795.200	-1,833.569	+.000

43	+.000	+.000	+90.495	+1,753.600	-1,791.079	+.000
44	+.000	+.000	+86.903	+1,684.000	-1,719.992	+.000
45	+.000	+.000	+83.848	+1,624.800	-1,659.527	+.000
46	+.000	+.000	+80.545	+1,560.800	-1,594.159	+.000
47	+.000	+.000	+76.252	+1,477.600	-1,509.181	+.000
48	+.000	+.000	+73.734	+1,428.800	-1,459.338	+.000

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SAA Run Number:02

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NGESO Version Id:01

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	+106,534.711
02	+ .000	+92,105.806
03	+ .000	+97,998.954
04	+ .000	+92,325.151
05	+ .000	+99,474.260
06	+ .000	+97,240.573
07	+ .000	+93,027.179
08	+ .000	+85,750.518
09	+ .000	+80,966.121
10	+ .000	+76,941.871
11	+ .000	+82,557.206
12	+ .000	+90,257.102
13	+ .000	+111,226.174
14	+ .000	+116,354.797
15	+ .000	+98,331.195
16	+ .000	+96,527.385
17	+ .000	+93,040.805
18	+ .000	+90,183.576
19	+ .000	+73,615.278
20	+ .000	+57,544.617
21	+ .000	+72,164.780
22	+ .000	+67,155.829
23	+ .000	+61,066.315
24	+ .000	+59,347.704
25	+ .000	+60,200.174
26	+ .000	+65,258.646
27	+ .000	+66,756.305
28	+ .000	+56,620.753
29	+ .000	+62,579.807
30	+ .000	+40,139.200
31	+ .000	+32,107.624
32	+ .000	+51,476.076
33	+ .000	+76,757.329
34	+ .000	+74,706.642
35	+ .000	+72,969.869
36	+ .000	+56,467.784
37	+ .000	+53,455.347
38	+ .000	+57,521.014
39	+ .000	+57,544.321
40	+ .000	+62,214.083
41	+ .000	+64,917.074
42	+ .000	+45,934.985

43	+.000	+57,281.598
44	+.000	+50,730.990
45	+.000	+55,980.660
46	+.000	+45,082.154
47	+.000	+79,002.120
48	+.000	+82,189.366