

Date: 31/12/2020

Settlement Day:09/11/2019

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: 223

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,085,878.300	+377,435,509.570
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,073,911.310	+372,576,405.510
Balancing Services Contract Cost	+802,493.847	+203,700,777.291
Balancing Services Cost Variable	+333,575.210	+93,726,530.290
ESO Incentive Recovery Costs	-21,485.790	+5,284,250.060
Black Start Capital Costs	+4,092.783	+70,518.267
Black Start Testing Costs	+0.000	+203,621.826
Black Start Availability Costs	+117,548.480	+25,742,234.366
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+183,767,841.920
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,406,666.160
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	+183,767,841.920
Total External Costs	+2,316,443.760	+702,780,818.777
Total Adjusted Energy Volume (MWh)	+1,421,826.586	

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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	+24,972.424	+69,960.117	+2.80149
02	+25,167.490	+78,777.121	+3.13011
03	+25,026.691	+79,771.448	+3.18745
04	+24,329.903	+75,314.864	+3.09557
05	+24,145.243	+77,570.020	+3.21264
06	+23,933.431	+72,311.976	+3.02138
07	+23,674.223	+75,726.151	+3.19868
08	+23,414.421	+72,132.336	+3.08068
09	+23,314.286	+69,140.254	+2.96557
10	+23,215.893	+68,920.782	+2.96869
11	+22,795.523	+65,311.473	+2.86510
12	+23,240.009	+65,755.692	+2.82942
13	+24,020.153	+69,720.098	+2.90257
14	+25,261.188	+66,090.633	+2.61629
15	+27,326.291	+53,766.064	+1.96756
16	+28,481.898	+60,856.666	+2.13668
17	+29,308.687	+55,009.863	+1.87691
18	+30,580.617	+59,402.998	+1.94250
19	+31,651.642	+57,432.840	+1.81453
20	+31,920.350	+58,092.965	+1.81994
21	+32,197.613	+59,071.271	+1.83465
22	+32,397.464	+61,750.745	+1.90604
23	+32,477.582	+56,302.416	+1.73358
24	+32,596.671	+55,609.358	+1.70598
25	+32,937.090	+62,432.895	+1.89552
26	+32,717.577	+69,335.101	+2.11920
27	+32,638.093	+62,149.729	+1.90421
28	+32,633.352	+62,710.009	+1.92165
29	+32,657.567	+68,929.280	+2.11067
30	+32,977.089	+63,766.946	+1.93367
31	+33,532.785	+50,242.427	+1.49831
32	+34,122.275	+50,579.099	+1.48229
33	+35,206.154	+62,934.220	+1.78759
34	+36,873.599	+75,251.893	+2.04081
35	+37,251.825	+76,267.341	+2.04735
36	+37,156.594	+70,675.469	+1.90210
37	+37,031.837	+67,307.297	+1.81755
38	+36,446.632	+56,305.475	+1.54487
39	+35,111.703	+51,838.038	+1.47637
40	+33,785.623	+51,580.352	+1.52670
41	+32,758.267	+66,413.642	+2.02739
42	+31,326.066	+65,380.843	+2.08711

43	+30,105.580	+62,263.539	+2.06817
44	+28,765.859	+59,387.092	+2.06450
45	+27,103.020	+70,054.839	+2.58476
46	+25,734.939	+66,123.272	+2.56940
47	+24,355.084	+80,420.844	+3.30201
48	+23,148.283	+84,332.350	+3.64314

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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	+0.01756	+25,862.25	+0.00	+25,845.94	+14,091.792	+13,682.200
02	+0.01770	+34,856.73	+0.00	+34,420.32	+14,204.141	+13,682.200
03	+0.01760	+35,771.55	+0.00	+35,457.65	+14,123.892	+13,812.500
04	+0.01711	+32,118.62	+0.00	+31,850.25	+13,730.670	+13,812.500
05	+0.01698	+34,424.51	+0.00	+34,089.20	+13,626.346	+14,054.000
06	+0.01683	+29,425.06	+0.00	+29,091.11	+13,505.971	+14,054.000
07	+0.01665	+32,660.63	+0.00	+32,429.43	+13,361.523	+14,441.800
08	+0.01647	+29,688.22	+0.00	+29,147.56	+13,217.074	+14,441.800
09	+0.01640	+26,895.88	+0.00	+26,583.09	+13,160.899	+14,135.500
10	+0.01633	+26,659.27	+0.00	+26,484.93	+13,104.725	+14,135.500
11	+0.01603	+23,950.16	+0.00	+23,861.53	+12,863.976	+13,669.500
12	+0.01635	+23,840.66	+0.00	+23,751.18	+13,120.774	+13,669.500
13	+0.01689	+21,699.02	+0.00	+21,661.98	+13,554.121	+18,787.270
14	+0.01777	+16,590.96	+0.00	+16,507.45	+14,260.316	+18,787.270
15	+0.01922	+14,823.05	+0.00	+14,541.99	+15,423.932	+5,915.270
16	+0.02003	+20,563.11	+0.00	+20,228.84	+16,073.952	+5,915.270
17	+0.02061	+13,610.50	+0.00	+13,376.88	+16,539.398	+5,915.270
18	+0.02151	+16,314.55	+0.00	+16,210.29	+17,261.643	+5,915.270
19	+0.02226	+13,864.43	+0.00	+13,488.36	+17,863.513	+5,367.270
20	+0.02245	+13,998.38	+0.00	+13,819.21	+18,015.987	+5,367.270
21	+0.02265	+14,611.11	+0.00	+14,450.91	+18,176.486	+5,367.270
22	+0.02279	+17,057.09	+0.00	+16,887.76	+18,288.835	+5,367.270
23	+0.02284	+11,504.18	+0.00	+11,352.78	+18,328.959	+5,367.270
24	+0.02293	+10,643.53	+0.00	+10,503.75	+18,401.184	+5,367.270
25	+0.02317	+17,230.70	+0.00	+16,911.36	+18,593.782	+5,367.270
26	+0.02301	+24,437.10	+0.00	+24,090.85	+18,465.383	+5,367.270
27	+0.02296	+22,663.12	+0.00	+22,359.40	+18,425.259	+0.000
28	+0.02295	+23,369.61	+0.00	+22,937.01	+18,417.234	+0.000
29	+0.02297	+29,471.60	+0.00	+29,121.62	+18,433.284	+0.000
30	+0.02319	+24,011.70	+0.00	+23,578.02	+18,609.832	+0.000
31	+0.02358	+9,780.29	+0.00	+9,377.62	+18,922.805	+0.000
32	+0.02400	+9,544.88	+0.00	+8,986.42	+19,259.852	+0.000
33	+0.02476	+14,946.46	+0.00	+14,657.17	+19,869.748	+5,367.270
34	+0.02593	+25,099.73	+0.00	+24,947.20	+20,808.665	+5,367.270
35	+0.02620	+25,670.09	+0.00	+25,494.73	+21,025.339	+5,367.270
36	+0.02613	+20,171.51	+0.00	+20,024.17	+20,969.164	+5,367.270
37	+0.02605	+17,155.09	+0.00	+16,794.64	+20,904.965	+5,367.270
38	+0.02563	+6,542.31	+0.00	+6,520.69	+20,567.917	+5,367.270
39	+0.02469	+3,744.90	+0.00	+3,682.30	+19,813.573	+5,367.270
40	+0.02376	+5,311.01	+0.00	+5,036.33	+19,067.254	+5,367.270
41	+0.02304	+21,593.54	+0.00	+21,117.40	+18,489.458	+5,367.270
42	+0.02203	+27,307.08	+0.00	+27,202.23	+17,678.939	+0.000

43	+0.02117	+25,778.19	+ .00	+25,575.33	+16,988.795	+ .000
44	+0.02023	+24,472.14	+ .00	+24,327.93	+16,234.451	+ .000
45	+0.01906	+36,831.31	+ .00	+36,550.82	+15,295.533	+472.500
46	+0.01810	+34,553.78	+ .00	+34,282.96	+14,525.139	+472.500
47	+0.01713	+44,734.80	+ .00	+44,454.07	+13,746.720	+6,280.000
48	+0.01628	+50,023.91	+ .00	+49,838.65	+13,064.600	+6,280.000

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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	-377.290	+71.869	+0.000	+2,064.151	+0.000	+14,470.687
02	-380.298	+72.442	+0.000	+2,080.608	+0.000	+14,586.057
03	-378.150	+72.033	+0.000	+2,068.853	+0.000	+14,503.650
04	-367.622	+70.028	+0.000	+2,011.254	+0.000	+14,099.855
05	-364.829	+69.495	+0.000	+1,995.973	+0.000	+13,992.726
06	-361.606	+68.882	+0.000	+1,978.341	+0.000	+13,869.116
07	-357.738	+68.145	+0.000	+1,957.182	+0.000	+13,720.783
08	-353.871	+67.408	+0.000	+1,936.023	+0.000	+13,572.450
09	-352.367	+67.122	+0.000	+1,927.795	+0.000	+13,514.765
10	-350.863	+66.835	+0.000	+1,919.567	+0.000	+13,457.080
11	-344.417	+65.607	+0.000	+1,884.302	+0.000	+13,209.859
12	-351.293	+66.917	+0.000	+1,921.918	+0.000	+13,473.562
13	-362.895	+69.127	+0.000	+1,985.394	+0.000	+13,918.560
14	-381.802	+72.729	+0.000	+2,088.836	+0.000	+14,643.742
15	-412.957	+78.663	+0.000	+2,259.282	+0.000	+15,838.645
16	-430.360	+81.978	+0.000	+2,354.496	+0.000	+16,506.143
17	-442.822	+84.352	+0.000	+2,422.674	+0.000	+16,984.104
18	-462.159	+88.036	+0.000	+2,528.468	+0.000	+17,725.768
19	-478.274	+91.105	+0.000	+2,616.629	+0.000	+18,343.821
20	-482.356	+91.883	+0.000	+2,638.963	+0.000	+18,500.395
21	-486.653	+92.702	+0.000	+2,662.473	+0.000	+18,665.209
22	-489.661	+93.275	+0.000	+2,678.930	+0.000	+18,780.579
23	-490.735	+93.479	+0.000	+2,684.807	+0.000	+18,821.783
24	-492.669	+93.848	+0.000	+2,695.387	+0.000	+18,895.949
25	-497.826	+94.830	+0.000	+2,723.598	+0.000	+19,093.726
26	-494.388	+94.175	+0.000	+2,704.791	+0.000	+18,961.875
27	-493.314	+93.970	+0.000	+2,698.913	+0.000	+18,920.671
28	-493.099	+93.929	+0.000	+2,697.738	+0.000	+18,912.430
29	-493.529	+94.011	+0.000	+2,700.089	+0.000	+18,928.912
30	-498.255	+94.912	+0.000	+2,725.949	+0.000	+19,110.207
31	-506.635	+96.508	+0.000	+2,771.793	+0.000	+19,431.595
32	-515.659	+98.227	+0.000	+2,821.164	+0.000	+19,777.705
33	-531.988	+101.337	+0.000	+2,910.500	+0.000	+20,403.999
34	-557.127	+106.126	+0.000	+3,048.032	+0.000	+21,368.162
35	-562.928	+107.231	+0.000	+3,079.770	+0.000	+21,590.661
36	-561.424	+106.944	+0.000	+3,071.542	+0.000	+21,532.976
37	-559.705	+106.617	+0.000	+3,062.138	+0.000	+21,467.051
38	-550.681	+104.898	+0.000	+3,012.768	+0.000	+21,120.941
39	-530.484	+101.051	+0.000	+2,902.272	+0.000	+20,346.314
40	-510.502	+97.245	+0.000	+2,792.952	+0.000	+19,579.928
41	-495.033	+94.298	+0.000	+2,708.317	+0.000	+18,986.597
42	-473.332	+90.164	+0.000	+2,589.593	+0.000	+18,154.285

43	-454.854	+86.644	+.000	+2,488.501	+.000	+17,445.584
44	-434.658	+82.797	+.000	+2,378.006	+.000	+16,670.957
45	-409.519	+78.008	+.000	+2,240.474	+.000	+15,706.794
46	-388.893	+74.079	+.000	+2,127.627	+.000	+14,915.686
47	-368.052	+70.109	+.000	+2,013.605	+.000	+14,116.337
48	-349.789	+66.631	+.000	+1,913.689	+.000	+13,415.877

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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	+110.767	+.000	+.000	+.000	+.000
02	+.000	+111.650	+.000	+.000	+.000	+.000
03	+.000	+111.019	+.000	+.000	+.000	+.000
04	+.000	+107.929	+.000	+.000	+.000	+.000
05	+.000	+107.108	+.000	+.000	+.000	+.000
06	+.000	+106.162	+.000	+.000	+.000	+.000
07	+.000	+105.027	+.000	+.000	+.000	+.000
08	+.000	+103.891	+.000	+.000	+.000	+.000
09	+.000	+103.450	+.000	+.000	+.000	+.000
10	+.000	+103.008	+.000	+.000	+.000	+.000
11	+.000	+101.116	+.000	+.000	+.000	+.000
12	+.000	+103.134	+.000	+.000	+.000	+.000
13	+.000	+106.541	+.000	+.000	+.000	+.000
14	+.000	+112.092	+.000	+.000	+.000	+.000
15	+.000	+121.238	+.000	+.000	+.000	+.000
16	+.000	+126.348	+.000	+.000	+.000	+.000
17	+.000	+130.006	+.000	+.000	+.000	+.000
18	+.000	+135.683	+.000	+.000	+.000	+.000
19	+.000	+140.414	+.000	+.000	+.000	+.000
20	+.000	+141.613	+.000	+.000	+.000	+.000
21	+.000	+142.874	+.000	+.000	+.000	+.000
22	+.000	+143.757	+.000	+.000	+.000	+.000
23	+.000	+144.073	+.000	+.000	+.000	+.000
24	+.000	+144.641	+.000	+.000	+.000	+.000
25	+.000	+146.155	+.000	+.000	+.000	+.000
26	+.000	+145.145	+.000	+.000	+.000	+.000
27	+.000	+144.830	+.000	+.000	+.000	+.000
28	+.000	+144.767	+.000	+.000	+.000	+.000
29	+.000	+144.893	+.000	+.000	+.000	+.000
30	+.000	+146.281	+.000	+.000	+.000	+.000
31	+.000	+148.741	+.000	+.000	+.000	+.000
32	+.000	+151.390	+.000	+.000	+.000	+.000
33	+.000	+156.184	+.000	+.000	+.000	+.000
34	+.000	+163.564	+.000	+.000	+.000	+.000
35	+.000	+165.268	+.000	+.000	+.000	+.000
36	+.000	+164.826	+.000	+.000	+.000	+.000
37	+.000	+164.321	+.000	+.000	+.000	+.000
38	+.000	+161.672	+.000	+.000	+.000	+.000
39	+.000	+155.743	+.000	+.000	+.000	+.000
40	+.000	+149.876	+.000	+.000	+.000	+.000
41	+.000	+145.334	+.000	+.000	+.000	+.000
42	+.000	+138.963	+.000	+.000	+.000	+.000



43	+.000	+133.539	+.000	+.000	+.000	+.000
44	+.000	+127.609	+.000	+.000	+.000	+.000
45	+.000	+120.229	+.000	+.000	+.000	+.000
46	+.000	+114.173	+.000	+.000	+.000	+.000
47	+.000	+108.055	+.000	+.000	+.000	+.000
48	+.000	+102.693	+.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	+69,960.117
02	+ .000	+78,777.121
03	+ .000	+79,771.448
04	+ .000	+75,314.864
05	+ .000	+77,570.020
06	+ .000	+72,311.976
07	+ .000	+75,726.151
08	+ .000	+72,132.336
09	+ .000	+69,140.254
10	+ .000	+68,920.782
11	+ .000	+65,311.473
12	+ .000	+65,755.692
13	+ .000	+69,720.098
14	+ .000	+66,090.633
15	+ .000	+53,766.064
16	+ .000	+60,856.666
17	+ .000	+55,009.863
18	+ .000	+59,402.998
19	+ .000	+57,432.840
20	+ .000	+58,092.965
21	+ .000	+59,071.271
22	+ .000	+61,750.745
23	+ .000	+56,302.416
24	+ .000	+55,609.358
25	+ .000	+62,432.895
26	+ .000	+69,335.101
27	+ .000	+62,149.729
28	+ .000	+62,710.009
29	+ .000	+68,929.280
30	+ .000	+63,766.946
31	+ .000	+50,242.427
32	+ .000	+50,579.099
33	+ .000	+62,934.220
34	+ .000	+75,251.893
35	+ .000	+76,267.341
36	+ .000	+70,675.469
37	+ .000	+67,307.297
38	+ .000	+56,305.475
39	+ .000	+51,838.038
40	+ .000	+51,580.352
41	+ .000	+66,413.642
42	+ .000	+65,380.843

43	+.000	+62,263.539
44	+.000	+59,387.092
45	+.000	+70,054.839
46	+.000	+66,123.272
47	+.000	+80,420.844
48	+.000	+84,332.350