

Date: 26/11/2019

Settlement Day:03/11/2019

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: 217

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,120,536.410	+362,215,430.940
Balancing Services Contract Cost	+737,354.385	+191,663,373.943
Balancing Services Cost Variable	+284,226.010	+90,514,335.725
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	+125,235.496	+25,272,008.292
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+178,823,415.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+895,867.140
ESO Incentive Recovery t-1	+80,000.000	+2,080,000.000
ALoMCP Recovery	-81,709.830	-2,124,455.580
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+178,823,415.680
Total External Costs	+3,269,770.891	+677,516,560.460
Total Adjusted Energy Volume (MWh)	+1,262,334.483	

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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	+21,619.636	+84,826.382	+3.92358
02	+21,701.550	+83,463.507	+3.84597
03	+21,495.117	+83,305.184	+3.87554
04	+20,970.003	+81,103.841	+3.86761
05	+20,316.203	+83,247.329	+4.09758
06	+20,138.772	+86,696.538	+4.30496
07	+20,645.585	+105,726.981	+5.12105
08	+20,576.088	+118,035.806	+5.73655
09	+20,261.380	+122,304.826	+6.03635
10	+19,533.940	+136,227.900	+6.97391
11	+19,567.495	+117,739.862	+6.01711
12	+19,805.501	+113,626.168	+5.73710
13	+20,858.600	+121,586.774	+5.82910
14	+21,889.943	+120,708.869	+5.51435
15	+22,617.064	+90,177.475	+3.98714
16	+22,908.217	+83,312.183	+3.63678
17	+23,944.147	+79,764.208	+3.33126
18	+25,150.483	+88,153.854	+3.50506
19	+26,004.885	+81,666.438	+3.14043
20	+26,406.642	+85,061.123	+3.22120
21	+26,748.514	+74,081.145	+2.76954
22	+27,145.821	+73,982.459	+2.72537
23	+27,553.651	+82,909.476	+3.00902
24	+27,750.282	+79,929.878	+2.88033
25	+27,941.939	+87,236.080	+3.12205
26	+28,140.846	+82,404.502	+2.92829
27	+28,166.692	+76,205.444	+2.70552
28	+28,233.798	+70,035.529	+2.48056
29	+28,577.842	+72,486.020	+2.53644
30	+29,023.033	+67,310.138	+2.31920
31	+30,046.257	+65,810.862	+2.19032
32	+31,236.014	+60,196.817	+1.92716
33	+32,703.742	+75,520.080	+2.30922
34	+34,384.520	+90,561.036	+2.63377
35	+35,573.754	+109,279.331	+3.07191
36	+35,473.535	+106,262.794	+2.99555
37	+34,799.939	+89,560.012	+2.57357
38	+34,246.365	+89,745.747	+2.62059
39	+33,177.965	+67,862.600	+2.04541
40	+32,211.289	+59,696.199	+1.85327
41	+31,159.470	+65,927.082	+2.11580
42	+30,098.416	+65,443.116	+2.17430

43	+28,807.708	+68,928.904	+2.39272
44	+27,381.096	+71,525.295	+2.61221
45	+25,895.838	+65,797.051	+2.54083
46	+24,378.748	+61,332.525	+2.51582
47	+23,020.991	+74,099.590	+3.21878
48	+22,045.167	+72,926.298	+3.30804

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.01713	+38,252.20	+12,630.881	+17,640.250	+0.000	+0.000
02	+0.01719	+36,787.98	+12,675.122	+17,640.250	+0.000	+0.000
03	+0.01703	+39,790.29	+12,557.145	+14,749.870	+0.000	+0.000
04	+0.01661	+38,298.36	+12,247.456	+14,749.870	+0.000	+0.000
05	+0.01609	+39,224.82	+11,864.032	+16,845.220	+0.000	+0.000
06	+0.01595	+42,910.50	+11,760.802	+16,845.220	+0.000	+0.000
07	+0.01636	+62,131.74	+12,063.118	+15,961.900	+0.000	+0.000
08	+0.01630	+74,541.91	+12,018.876	+15,961.900	+0.000	+0.000
09	+0.01605	+78,775.45	+11,834.538	+16,419.650	+0.000	+0.000
10	+0.01547	+93,678.19	+11,406.872	+16,419.650	+0.000	+0.000
11	+0.01550	+75,711.08	+11,428.993	+15,848.050	+0.000	+0.000
12	+0.01569	+71,276.46	+11,569.090	+15,848.050	+0.000	+0.000
13	+0.01652	+84,777.46	+12,181.094	+8,905.720	+0.000	+0.000
14	+0.01734	+82,514.51	+12,785.725	+8,905.720	+0.000	+0.000
15	+0.01792	+46,542.67	+13,213.391	+13,366.500	+0.000	+0.000
16	+0.01815	+39,288.89	+13,382.982	+13,366.500	+0.000	+0.000
17	+0.01897	+52,955.62	+13,987.613	-5,233.250	+0.000	+0.000
18	+0.01992	+59,740.64	+14,688.099	-5,233.250	+0.000	+0.000
19	+0.02060	+48,701.15	+15,189.500	-1,829.750	+0.000	+0.000
20	+0.02092	+51,555.33	+15,425.454	-1,829.750	+0.000	+0.000
21	+0.02119	+38,562.85	+15,624.539	-273.300	+0.000	+0.000
22	+0.02150	+34,912.22	+15,853.119	+2,755.030	+0.000	+0.000
23	+0.02183	+42,513.54	+16,096.446	+3,523.330	+0.000	+0.000
24	+0.02198	+39,280.58	+16,207.049	+3,523.330	+0.000	+0.000
25	+0.02214	+46,316.53	+16,325.026	+3,523.330	+0.000	+0.000
26	+0.02229	+41,231.59	+16,435.629	+3,523.330	+0.000	+0.000
27	+0.02231	+34,998.75	+16,450.376	+3,523.330	+0.000	+0.000
28	+0.02237	+31,755.82	+16,494.618	+495.000	+0.000	+0.000
29	+0.02264	+34,245.26	+16,693.703	+0.000	+0.000	+0.000
30	+0.02299	+28,478.20	+16,951.777	+0.000	+0.000	+0.000
31	+0.02380	+25,610.77	+17,549.034	+0.000	+0.000	+0.000
32	+0.02474	+18,408.99	+18,242.147	+0.000	+0.000	+0.000
33	+0.02591	+28,727.70	+19,104.852	+3,028.330	+0.000	+0.000
34	+0.02724	+41,522.18	+20,085.533	+3,028.330	+0.000	+0.000
35	+0.02818	+58,652.74	+20,778.647	+3,028.330	+0.000	+0.000
36	+0.02810	+55,771.33	+20,719.658	+3,028.330	+0.000	+0.000
37	+0.02757	+39,963.76	+20,328.860	+3,028.330	+0.000	+0.000
38	+0.02713	+40,892.69	+20,004.424	+3,028.330	+0.000	+0.000
39	+0.02628	+20,445.26	+19,377.673	+3,028.330	+0.000	+0.000
40	+0.02552	+16,590.89	+18,817.284	+0.000	+0.000	+0.000
41	+0.02468	+24,240.60	+18,197.906	+0.000	+0.000	+0.000
42	+0.02384	+25,175.46	+17,578.529	+0.000	+0.000	+0.000

43	+0.02282	+30,384.11	+16,826.427	+ .000	+ .000	+ .000
44	+0.02169	+34,889.16	+15,993.217	+ .000	+ .000	+ .000
45	+0.02051	+34,198.78	+15,123.138	-3,044.750	+ .000	+ .000
46	+0.01931	+31,761.15	+14,238.313	-3,044.750	+ .000	+ .000
47	+0.01824	+31,703.03	+13,449.344	+11,587.750	+ .000	+ .000
48	+0.01746	+31,847.22	+12,874.208	+11,587.750	+ .000	+ .000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+2,145.284	+0.000	+14,116.337	+0.000	+0.000
02	+0.000	+2,152.798	+0.000	+14,165.781	+0.000	+0.000
03	+0.000	+2,132.760	+0.000	+14,033.930	+0.000	+0.000
04	+0.000	+2,080.162	+0.000	+13,687.820	+0.000	+0.000
05	+0.000	+2,015.039	+0.000	+13,259.303	+0.000	+0.000
06	+0.000	+1,997.506	+0.000	+13,143.933	+0.000	+0.000
07	+0.000	+2,048.853	+0.000	+13,481.802	+0.000	+0.000
08	+0.000	+2,041.339	+0.000	+13,432.358	+0.000	+0.000
09	+0.000	+2,010.030	+0.000	+13,226.340	+0.000	+0.000
10	+0.000	+1,937.393	+0.000	+12,748.379	+0.000	+0.000
11	+0.000	+1,941.150	+0.000	+12,773.101	+0.000	+0.000
12	+0.000	+1,964.945	+0.000	+12,929.675	+0.000	+0.000
13	+0.000	+2,068.890	+0.000	+13,613.654	+0.000	+0.000
14	+0.000	+2,171.584	+0.000	+14,289.392	+0.000	+0.000
15	+0.000	+2,244.220	+0.000	+14,767.353	+0.000	+0.000
16	+0.000	+2,273.024	+0.000	+14,956.889	+0.000	+0.000
17	+0.000	+2,375.717	+0.000	+15,632.628	+0.000	+0.000
18	+0.000	+2,494.691	+0.000	+16,415.495	+0.000	+0.000
19	+0.000	+2,579.851	+0.000	+16,975.863	+0.000	+0.000
20	+0.000	+2,619.927	+0.000	+17,239.566	+0.000	+0.000
21	+0.000	+2,653.740	+0.000	+17,462.065	+0.000	+0.000
22	+0.000	+2,692.563	+0.000	+17,717.527	+0.000	+0.000
23	+0.000	+2,733.891	+0.000	+17,989.471	+0.000	+0.000
24	+0.000	+2,752.676	+0.000	+18,113.081	+0.000	+0.000
25	+0.000	+2,772.714	+0.000	+18,244.933	+0.000	+0.000
26	+0.000	+2,791.499	+0.000	+18,368.543	+0.000	+0.000
27	+0.000	+2,794.004	+0.000	+18,385.025	+0.000	+0.000
28	+0.000	+2,801.518	+0.000	+18,434.469	+0.000	+0.000
29	+0.000	+2,835.332	+0.000	+18,656.968	+0.000	+0.000
30	+0.000	+2,879.164	+0.000	+18,945.393	+0.000	+0.000
31	+0.000	+2,980.605	+0.000	+19,612.891	+0.000	+0.000
32	+0.000	+3,098.326	+0.000	+20,387.518	+0.000	+0.000
33	+0.000	+3,244.852	+0.000	+21,351.681	+0.000	+0.000
34	+0.000	+3,411.415	+0.000	+22,447.695	+0.000	+0.000
35	+0.000	+3,529.136	+0.000	+23,222.322	+0.000	+0.000
36	+0.000	+3,519.117	+0.000	+23,156.396	+0.000	+0.000
37	+0.000	+3,452.743	+0.000	+22,719.639	+0.000	+0.000
38	+0.000	+3,397.639	+0.000	+22,357.047	+0.000	+0.000
39	+0.000	+3,291.189	+0.000	+21,656.587	+0.000	+0.000
40	+0.000	+3,196.010	+0.000	+21,030.293	+0.000	+0.000
41	+0.000	+3,090.812	+0.000	+20,338.073	+0.000	+0.000
42	+0.000	+2,985.614	+0.000	+19,645.854	+0.000	+0.000

43	+.000	+2,857.874	+.000	+18,805.301	+.000	+.000
44	+.000	+2,716.358	+.000	+17,874.101	+.000	+.000
45	+.000	+2,568.580	+.000	+16,901.697	+.000	+.000
46	+.000	+2,418.297	+.000	+15,912.812	+.000	+.000
47	+.000	+2,284.295	+.000	+15,031.056	+.000	+.000
48	+.000	+2,186.612	+.000	+14,388.280	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(f)	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+70.720	+1,370.400	-1,399.689	+0.000	+0.000	+84,826.382
02	+70.968	+1,375.200	-1,404.592	+0.000	+0.000	+83,463.507
03	+70.307	+1,362.400	-1,391.518	+0.000	+0.000	+83,305.184
04	+68.573	+1,328.800	-1,357.200	+0.000	+0.000	+81,103.841
05	+66.426	+1,287.200	-1,314.711	+0.000	+0.000	+83,247.329
06	+65.848	+1,276.000	-1,303.272	+0.000	+0.000	+86,696.538
07	+67.541	+1,308.800	-1,336.773	+0.000	+0.000	+105,726.981
08	+67.293	+1,304.000	-1,331.870	+0.000	+0.000	+118,035.806
09	+66.261	+1,284.000	-1,311.443	+0.000	+0.000	+122,304.826
10	+63.867	+1,237.600	-1,264.051	+0.000	+0.000	+136,227.900
11	+63.991	+1,240.000	-1,266.502	+0.000	+0.000	+117,739.862
12	+64.775	+1,255.200	-1,282.027	+0.000	+0.000	+113,626.168
13	+68.201	+1,321.600	-1,349.846	+0.000	+0.000	+121,586.774
14	+71.587	+1,387.200	-1,416.848	+0.000	+0.000	+120,708.869
15	+73.981	+1,433.600	-1,464.240	+0.000	+0.000	+90,177.475
16	+74.931	+1,452.000	-1,483.033	+0.000	+0.000	+83,312.183
17	+78.316	+1,517.600	-1,550.035	+0.000	+0.000	+79,764.208
18	+82.238	+1,593.600	-1,627.660	+0.000	+0.000	+88,153.854
19	+85.045	+1,648.000	-1,683.222	+0.000	+0.000	+81,666.438
20	+86.367	+1,673.600	-1,709.370	+0.000	+0.000	+85,061.123
21	+87.481	+1,695.200	-1,731.431	+0.000	+0.000	+74,081.145
22	+88.761	+1,720.000	-1,756.761	+0.000	+0.000	+73,982.459
23	+90.123	+1,746.400	-1,783.726	+0.000	+0.000	+82,909.476
24	+90.743	+1,758.400	-1,795.982	+0.000	+0.000	+79,929.878
25	+91.403	+1,771.200	-1,809.056	+0.000	+0.000	+87,236.080
26	+92.022	+1,783.200	-1,821.312	+0.000	+0.000	+82,404.502
27	+92.105	+1,784.800	-1,822.946	+0.000	+0.000	+76,205.444
28	+92.353	+1,789.600	-1,827.849	+0.000	+0.000	+70,035.529
29	+93.467	+1,811.200	-1,849.911	+0.000	+0.000	+72,486.020
30	+94.912	+1,839.200	-1,878.509	+0.000	+0.000	+67,310.138
31	+98.256	+1,904.000	-1,944.694	+0.000	+0.000	+65,810.862
32	+102.137	+1,979.200	-2,021.501	+0.000	+0.000	+60,196.817
33	+106.967	+2,072.800	-2,117.102	+0.000	+0.000	+75,520.080
34	+112.458	+2,179.200	-2,225.776	+0.000	+0.000	+90,561.036
35	+116.339	+2,254.400	-2,302.583	+0.000	+0.000	+109,279.331
36	+116.009	+2,248.000	-2,296.046	+0.000	+0.000	+106,262.794
37	+113.821	+2,205.600	-2,252.740	+0.000	+0.000	+89,560.012
38	+112.004	+2,170.400	-2,216.788	+0.000	+0.000	+89,745.747
39	+108.495	+2,102.400	-2,147.334	+0.000	+0.000	+67,862.600
40	+105.357	+2,041.600	-2,085.235	+0.000	+0.000	+59,696.199
41	+101.889	+1,974.400	-2,016.599	+0.000	+0.000	+65,927.082
42	+98.422	+1,907.200	-1,947.962	+0.000	+0.000	+65,443.116



43	+94.211	+1,825.600	-1,864.618	+.000	+.000	+68,928.904
44	+89.545	+1,735.200	-1,772.286	+.000	+.000	+71,525.295
45	+84.674	+1,640.800	-1,675.869	+.000	+.000	+65,797.051
46	+79.720	+1,544.800	-1,577.817	+.000	+.000	+61,332.525
47	+75.302	+1,459.200	-1,490.387	+.000	+.000	+74,099.590
48	+72.082	+1,396.800	-1,426.654	+.000	+.000	+72,926.298