

Date: 06/12/2019

Settlement Day:28/11/2019

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: 242

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,728,167.770	+398,083,781.900
Balancing Services Contract Cost	+1,114,550.300	+177,982,424.694
Balancing Services Cost Variable	+329,035.600	+106,986,166.095
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	+29,833,602.685
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+199,425,191.680
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+999,077.640
ESO Incentive Recovery t-1	+80,000.000	+2,880,000.000
ALoMCP Recovery	-81,709.830	-2,941,553.880
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+199,425,191.680
Total External Costs	+4,297,459.931	+721,405,466.984
Total Adjusted Energy Volume (MWh)	+1,519,129.306	

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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	+23,019.573	+132,506.773	+5.75627
02	+23,209.569	+137,417.536	+5.92073
03	+22,954.181	+124,481.270	+5.42303
04	+22,933.725	+125,719.887	+5.48188
05	+22,756.498	+136,400.557	+5.99392
06	+22,519.804	+148,917.845	+6.61275
07	+22,348.946	+150,900.999	+6.75204
08	+22,220.058	+151,056.193	+6.79819
09	+22,073.481	+177,365.930	+8.03525
10	+22,303.591	+183,219.729	+8.21481
11	+22,782.807	+185,701.954	+8.15097
12	+23,388.338	+199,651.855	+8.53638
13	+25,747.601	+183,587.013	+7.13026
14	+28,689.270	+153,071.408	+5.33549
15	+31,964.713	+124,835.983	+3.90543
16	+33,772.847	+100,763.593	+2.98357
17	+34,546.062	+109,008.590	+3.15546
18	+34,450.379	+93,797.480	+2.72268
19	+35,186.169	+93,751.487	+2.66444
20	+35,298.759	+89,901.823	+2.54688
21	+35,138.060	+93,086.727	+2.64917
22	+35,173.493	+107,987.254	+3.07013
23	+34,860.450	+96,001.278	+2.75387
24	+35,018.600	+87,655.301	+2.50311
25	+35,215.746	+88,386.424	+2.50986
26	+35,443.101	+90,314.343	+2.54815
27	+35,464.377	+81,772.169	+2.30576
28	+35,587.404	+77,742.226	+2.18454
29	+35,991.405	+85,993.561	+2.38928
30	+36,112.823	+73,696.437	+2.04073
31	+36,329.290	+73,673.633	+2.02794
32	+37,499.346	+87,701.485	+2.33875
33	+38,329.847	+102,829.835	+2.68276
34	+39,324.509	+95,143.922	+2.41946
35	+39,612.189	+93,776.554	+2.36737
36	+39,376.427	+97,485.481	+2.47573
37	+38,998.458	+88,449.600	+2.26803
38	+38,903.444	+80,379.410	+2.06613
39	+38,887.739	+92,766.397	+2.38549
40	+37,925.688	+73,269.230	+1.93192
41	+36,782.742	+67,786.721	+1.84289
42	+35,489.469	+67,296.053	+1.89623

43	+33,834.168	+85,558.766	+2.52877
44	+31,943.988	+71,526.509	+2.23912
45	+30,159.961	+74,346.753	+2.46508
46	+28,336.633	+57,116.200	+2.01563
47	+26,160.953	+58,834.161	+2.24893
48	+25,062.625	+68,896.635	+2.74898

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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	+0.01515	+93,542.96	+16,885.437	+7,689.250	+0.000	+0.000
02	+0.01528	+98,185.36	+17,030.329	+7,689.250	+0.000	+0.000
03	+0.01511	+83,475.28	+16,840.855	+9,814.000	+0.000	+0.000
04	+0.01510	+84,734.54	+16,829.710	+9,814.000	+0.000	+0.000
05	+0.01498	+92,098.93	+16,695.963	+13,378.000	+0.000	+0.000
06	+0.01482	+104,946.51	+16,517.635	+13,378.000	+0.000	+0.000
07	+0.01471	+108,524.74	+16,395.035	+12,010.000	+0.000	+0.000
08	+0.01463	+108,845.08	+16,305.871	+12,010.000	+0.000	+0.000
09	+0.01453	+119,251.31	+16,194.416	+28,119.940	+0.000	+0.000
10	+0.01468	+124,795.46	+16,361.598	+28,119.940	+0.000	+0.000
11	+0.01500	+137,751.74	+16,718.255	+16,985.300	+0.000	+0.000
12	+0.01540	+150,875.91	+17,164.075	+16,985.300	+0.000	+0.000
13	+0.01695	+129,719.22	+18,891.628	+18,877.440	+0.000	+0.000
14	+0.01889	+95,198.82	+21,053.855	+18,877.440	+0.000	+0.000
15	+0.02104	+75,970.09	+23,450.138	+5,432.440	+0.000	+0.000
16	+0.02223	+49,441.15	+24,776.453	+5,432.440	+0.000	+0.000
17	+0.02274	+56,633.34	+25,344.874	+5,432.440	+0.000	+0.000
18	+0.02268	+41,546.09	+25,278.001	+5,432.440	+0.000	+0.000
19	+0.02316	+40,509.22	+25,812.985	+5,432.440	+0.000	+0.000
20	+0.02324	+36,494.41	+25,902.149	+5,432.440	+0.000	+0.000
21	+0.02313	+39,906.39	+25,779.548	+5,432.440	+0.000	+0.000
22	+0.02315	+54,765.63	+25,801.839	+5,432.440	+0.000	+0.000
23	+0.02295	+43,192.52	+25,578.929	+5,432.440	+0.000	+0.000
24	+0.02305	+34,640.11	+25,690.384	+5,432.440	+0.000	+0.000
25	+0.02318	+35,102.87	+25,835.276	+5,432.440	+0.000	+0.000
26	+0.02333	+36,721.14	+26,002.458	+5,432.440	+0.000	+0.000
27	+0.02335	+33,570.12	+26,024.750	+0.000	+0.000	+0.000
28	+0.02343	+29,375.03	+26,113.914	+0.000	+0.000	+0.000
29	+0.02369	+37,089.64	+26,403.697	+0.000	+0.000	+0.000
30	+0.02377	+24,627.37	+26,492.861	+0.000	+0.000	+0.000
31	+0.02391	+24,315.56	+26,648.898	+0.000	+0.000	+0.000
32	+0.02468	+36,753.88	+27,507.101	+0.000	+0.000	+0.000
33	+0.02523	+45,314.41	+28,120.104	+5,432.440	+0.000	+0.000
34	+0.02589	+36,266.04	+28,855.707	+5,432.440	+0.000	+0.000
35	+0.02608	+34,506.45	+29,067.472	+5,432.440	+0.000	+0.000
36	+0.02592	+38,545.67	+28,889.144	+5,432.440	+0.000	+0.000
37	+0.02567	+30,025.87	+28,610.506	+5,432.440	+0.000	+0.000
38	+0.02561	+22,079.54	+28,543.633	+5,432.440	+0.000	+0.000
39	+0.02560	+34,487.17	+28,532.488	+5,432.440	+0.000	+0.000
40	+0.02497	+16,290.53	+27,830.321	+5,432.440	+0.000	+0.000
41	+0.02421	+12,376.91	+26,983.263	+5,432.440	+0.000	+0.000
42	+0.02336	+19,073.36	+26,035.895	+0.000	+0.000	+0.000

43	+0.02227	+39,586.19	+24,821.035	+.000	+.000	+.000
44	+0.02103	+28,113.70	+23,438.993	+.000	+.000	+.000
45	+0.01985	+33,369.85	+22,123.823	+.000	+.000	+.000
46	+0.01865	+18,616.49	+20,786.363	+.000	+.000	+.000
47	+0.01722	+22,683.19	+19,192.556	+603.250	+.000	+.000
48	+0.01650	+34,231.98	+18,390.080	+603.250	+.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	+1,867.808	+0.000	+12,484.676	+0.000	+0.000
02	+0.000	+1,883.836	+0.000	+12,591.805	+0.000	+0.000
03	+0.000	+1,862.877	+0.000	+12,451.713	+0.000	+0.000
04	+0.000	+1,861.644	+0.000	+12,443.473	+0.000	+0.000
05	+0.000	+1,846.849	+0.000	+12,344.584	+0.000	+0.000
06	+0.000	+1,827.123	+0.000	+12,212.733	+0.000	+0.000
07	+0.000	+1,813.562	+0.000	+12,122.085	+0.000	+0.000
08	+0.000	+1,803.699	+0.000	+12,056.159	+0.000	+0.000
09	+0.000	+1,791.370	+0.000	+11,973.752	+0.000	+0.000
10	+0.000	+1,809.863	+0.000	+12,097.363	+0.000	+0.000
11	+0.000	+1,849.315	+0.000	+12,361.066	+0.000	+0.000
12	+0.000	+1,898.630	+0.000	+12,690.694	+0.000	+0.000
13	+0.000	+2,089.726	+0.000	+13,968.004	+0.000	+0.000
14	+0.000	+2,328.904	+0.000	+15,566.702	+0.000	+0.000
15	+0.000	+2,593.973	+0.000	+17,338.455	+0.000	+0.000
16	+0.000	+2,740.685	+0.000	+18,319.099	+0.000	+0.000
17	+0.000	+2,803.562	+0.000	+18,739.375	+0.000	+0.000
18	+0.000	+2,796.164	+0.000	+18,689.931	+0.000	+0.000
19	+0.000	+2,855.342	+0.000	+19,085.485	+0.000	+0.000
20	+0.000	+2,865.205	+0.000	+19,151.411	+0.000	+0.000
21	+0.000	+2,851.644	+0.000	+19,060.763	+0.000	+0.000
22	+0.000	+2,854.110	+0.000	+19,077.245	+0.000	+0.000
23	+0.000	+2,829.452	+0.000	+18,912.430	+0.000	+0.000
24	+0.000	+2,841.781	+0.000	+18,994.837	+0.000	+0.000
25	+0.000	+2,857.808	+0.000	+19,101.967	+0.000	+0.000
26	+0.000	+2,876.301	+0.000	+19,225.577	+0.000	+0.000
27	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
28	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
29	+0.000	+2,920.685	+0.000	+19,522.243	+0.000	+0.000
30	+0.000	+2,930.548	+0.000	+19,588.169	+0.000	+0.000
31	+0.000	+2,947.808	+0.000	+19,703.539	+0.000	+0.000
32	+0.000	+3,042.740	+0.000	+20,338.073	+0.000	+0.000
33	+0.000	+3,110.548	+0.000	+20,791.312	+0.000	+0.000
34	+0.000	+3,191.918	+0.000	+21,335.199	+0.000	+0.000
35	+0.000	+3,215.342	+0.000	+21,491.773	+0.000	+0.000
36	+0.000	+3,195.616	+0.000	+21,359.921	+0.000	+0.000
37	+0.000	+3,164.795	+0.000	+21,153.904	+0.000	+0.000
38	+0.000	+3,157.397	+0.000	+21,104.459	+0.000	+0.000
39	+0.000	+3,156.164	+0.000	+21,096.219	+0.000	+0.000
40	+0.000	+3,078.493	+0.000	+20,577.054	+0.000	+0.000
41	+0.000	+2,984.795	+0.000	+19,950.760	+0.000	+0.000
42	+0.000	+2,880.000	+0.000	+19,250.299	+0.000	+0.000

43	+.000	+2,745.616	+.000	+18,352.062	+.000	+.000
44	+.000	+2,592.740	+.000	+17,330.214	+.000	+.000
45	+.000	+2,447.260	+.000	+16,357.810	+.000	+.000
46	+.000	+2,299.315	+.000	+15,368.925	+.000	+.000
47	+.000	+2,123.014	+.000	+14,190.503	+.000	+.000
48	+.000	+2,034.247	+.000	+13,597.172	+.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(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+62.546	+1,212.000	-1,237.904	+0.000	+0.000	+132,506.773
02	+63.082	+1,222.400	-1,248.526	+0.000	+0.000	+137,417.536
03	+62.380	+1,208.800	-1,234.636	+0.000	+0.000	+124,481.270
04	+62.339	+1,208.000	-1,233.818	+0.000	+0.000	+125,719.887
05	+61.844	+1,198.400	-1,224.013	+0.000	+0.000	+136,400.557
06	+61.183	+1,185.600	-1,210.940	+0.000	+0.000	+148,917.845
07	+60.729	+1,176.800	-1,201.952	+0.000	+0.000	+150,900.999
08	+60.399	+1,170.400	-1,195.415	+0.000	+0.000	+151,056.193
09	+59.986	+1,162.400	-1,187.244	+0.000	+0.000	+177,365.930
10	+60.605	+1,174.400	-1,199.500	+0.000	+0.000	+183,219.729
11	+61.926	+1,200.000	-1,225.647	+0.000	+0.000	+185,701.954
12	+63.578	+1,232.000	-1,258.331	+0.000	+0.000	+199,651.855
13	+69.977	+1,356.000	-1,384.982	+0.000	+0.000	+183,587.013
14	+77.986	+1,511.200	-1,543.499	+0.000	+0.000	+153,071.408
15	+86.862	+1,683.200	-1,719.175	+0.000	+0.000	+124,835.983
16	+91.775	+1,778.400	-1,816.410	+0.000	+0.000	+100,763.593
17	+93.880	+1,819.200	-1,858.082	+0.000	+0.000	+109,008.590
18	+93.633	+1,814.400	-1,853.179	+0.000	+0.000	+93,797.480
19	+95.614	+1,852.800	-1,892.400	+0.000	+0.000	+93,751.487
20	+95.944	+1,859.200	-1,898.936	+0.000	+0.000	+89,901.823
21	+95.490	+1,850.400	-1,889.948	+0.000	+0.000	+93,086.727
22	+95.573	+1,852.000	-1,891.583	+0.000	+0.000	+107,987.254
23	+94.747	+1,836.000	-1,875.241	+0.000	+0.000	+96,001.278
24	+95.160	+1,844.000	-1,883.412	+0.000	+0.000	+87,655.301
25	+95.697	+1,854.400	-1,894.034	+0.000	+0.000	+88,386.424
26	+96.316	+1,866.400	-1,906.290	+0.000	+0.000	+90,314.343
27	+96.399	+1,868.000	-1,907.925	+0.000	+0.000	+81,772.169
28	+96.729	+1,874.400	-1,914.461	+0.000	+0.000	+77,742.226
29	+97.802	+1,895.200	-1,935.706	+0.000	+0.000	+85,993.561
30	+98.133	+1,901.600	-1,942.243	+0.000	+0.000	+73,696.437
31	+98.711	+1,912.800	-1,953.682	+0.000	+0.000	+73,673.633
32	+101.889	+1,974.400	-2,016.599	+0.000	+0.000	+87,701.485
33	+104.160	+2,018.400	-2,061.539	+0.000	+0.000	+102,829.835
34	+106.885	+2,071.200	-2,115.467	+0.000	+0.000	+95,143.922
35	+107.669	+2,086.400	-2,130.992	+0.000	+0.000	+93,776.554
36	+107.009	+2,073.600	-2,117.919	+0.000	+0.000	+97,485.481
37	+105.977	+2,053.600	-2,097.491	+0.000	+0.000	+88,449.600
38	+105.729	+2,048.800	-2,092.589	+0.000	+0.000	+80,379.410
39	+105.688	+2,048.000	-2,091.772	+0.000	+0.000	+92,766.397
40	+103.087	+1,997.600	-2,040.294	+0.000	+0.000	+73,269.230
41	+99.949	+1,936.800	-1,978.195	+0.000	+0.000	+67,786.721
42	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+67,296.053

43	+91.940	+1,781.600	-1,819.678	+.000	+.000	+85,558.766
44	+86.821	+1,682.400	-1,718.358	+.000	+.000	+71,526.509
45	+81.949	+1,588.000	-1,621.940	+.000	+.000	+74,346.753
46	+76.995	+1,492.000	-1,523.888	+.000	+.000	+57,116.200
47	+71.091	+1,377.600	-1,407.043	+.000	+.000	+58,834.161
48	+68.119	+1,320.000	-1,348.212	+.000	+.000	+68,896.635