

Date: 31/07/2019

Settlement Day:23/07/2019

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: 114

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+954,334.070	+141,738,192.920
Balancing Services Contract Cost	+658,848.867	+89,768,251.384
Balancing Services Cost Variable	+677,709.580	+31,732,716.045
ESO Incentive Recovery Costs	+40,983.610	+4,672,131.540
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+14,054,794.494
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+93,944,098.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+470,639.880
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+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	+93,944,098.560
Total External Costs	+2,459,292.218	+282,436,726.263
Total Adjusted Energy Volume (MWh)	+1,216,209.688	

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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	+20,111.273	+83,984.266	+4.17598
02	+19,612.688	+75,796.505	+3.86467
03	+19,345.502	+74,945.075	+3.87403
04	+19,151.698	+76,690.474	+4.00437
05	+19,063.561	+76,964.758	+4.03727
06	+18,740.740	+80,250.195	+4.28213
07	+18,363.457	+75,373.606	+4.10454
08	+18,237.119	+73,539.594	+4.03241
09	+17,639.624	+67,863.694	+3.84723
10	+17,795.133	+75,899.036	+4.26516
11	+18,507.857	+72,755.214	+3.93104
12	+19,289.631	+75,759.479	+3.92747
13	+21,294.463	+92,910.676	+4.36314
14	+23,083.184	+87,531.086	+3.79198
15	+25,410.700	+76,338.887	+3.00420
16	+26,515.904	+71,535.297	+2.69783
17	+27,175.373	+57,536.720	+2.11724
18	+27,569.292	+54,507.126	+1.97710
19	+27,428.398	+57,818.687	+2.10799
20	+27,076.278	+35,175.254	+1.29912
21	+27,131.235	+44,595.850	+1.64371
22	+26,781.546	+65,083.898	+2.43018
23	+26,292.149	+58,442.460	+2.22281
24	+25,947.816	+45,369.057	+1.74847
25	+26,010.202	+32,607.876	+1.25366
26	+25,880.636	+41,050.811	+1.58616
27	+26,145.746	+48,609.942	+1.85919
28	+26,290.548	+42,976.460	+1.63467
29	+26,208.639	+57,318.998	+2.18703
30	+26,149.380	+42,530.542	+1.62645
31	+26,837.912	+45,900.364	+1.71028
32	+27,716.513	+51,525.074	+1.85900
33	+28,497.435	+68,270.708	+2.39568
34	+28,995.871	+70,877.139	+2.44439
35	+29,692.568	+79,423.442	+2.67486
36	+30,138.600	+120,723.380	+4.00561
37	+30,354.226	+99,953.057	+3.29289
38	+31,036.538	+89,110.586	+2.87115
39	+31,185.882	+84,522.045	+2.71027
40	+31,038.534	+85,599.916	+2.75786
41	+30,641.119	+78,912.091	+2.57537
42	+30,470.110	+66,799.416	+2.19229

43	+30,510.962	+72,795.569	+2.38588
44	+30,239.656	+75,015.155	+2.48069
45	+28,944.496	+39,835.497	+1.37627
46	+27,213.425	+48,739.173	+1.79100
47	+24,974.603	+93,764.902	+3.75441
48	+23,471.466	+89,834.218	+3.82738

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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	+0.01654	+26,050.44	+10,897.360	+30,621.000	+677.869	+0.000
02	+0.01613	+18,539.72	+10,627.232	+30,621.000	+661.066	+0.000
03	+0.01591	+17,853.08	+10,482.285	+30,819.500	+652.049	+0.000
04	+0.01575	+19,862.69	+10,376.870	+30,819.500	+645.492	+0.000
05	+0.01567	+21,742.33	+10,324.162	+29,346.250	+642.213	+0.000
06	+0.01541	+25,457.11	+10,152.861	+29,346.250	+631.557	+0.000
07	+0.01510	+21,828.93	+9,948.618	+28,609.750	+618.853	+0.000
08	+0.01500	+20,160.05	+9,882.733	+28,609.750	+614.754	+0.000
09	+0.01450	+12,304.56	+9,553.309	+31,615.000	+594.262	+0.000
10	+0.01463	+20,125.23	+9,638.959	+31,615.000	+599.590	+0.000
11	+0.01522	+15,420.13	+10,027.680	+32,202.000	+623.771	+0.000
12	+0.01586	+17,367.55	+10,449.343	+32,202.000	+650.000	+0.000
13	+0.01751	+26,278.57	+11,536.444	+37,717.500	+717.623	+0.000
14	+0.01898	+13,559.34	+12,504.951	+42,629.700	+777.869	+0.000
15	+0.02089	+15,639.47	+13,763.353	+26,203.350	+856.148	+0.000
16	+0.02180	+9,333.18	+14,362.905	+26,203.350	+893.443	+0.000
17	+0.02234	+2,905.05	+14,718.684	+17,741.190	+915.574	+0.000
18	+0.02267	-669.48	+14,936.104	+17,741.190	+929.098	+0.000
19	+0.02255	+15,669.23	+14,857.042	+4,912.200	+924.180	+0.000
20	+0.02226	-6,495.32	+14,665.976	+4,912.200	+912.295	+0.000
21	+0.02231	+2,842.71	+14,698.918	+4,912.200	+914.344	+0.000
22	+0.02202	+23,809.64	+14,507.852	+4,912.200	+902.459	+0.000
23	+0.02162	+17,828.73	+14,244.313	+4,912.200	+886.066	+0.000
24	+0.02133	+5,234.21	+14,053.246	+4,912.200	+874.180	+0.000
25	+0.02139	-7,626.05	+14,092.777	+4,912.200	+876.639	+0.000
26	+0.02128	+998.53	+14,020.304	+4,912.200	+872.131	+0.000
27	+0.02150	+8,194.37	+14,165.251	+4,912.200	+881.148	+0.000
28	+0.02162	+2,362.73	+14,244.313	+4,912.200	+886.066	+0.000
29	+0.02155	+21,733.06	+14,198.193	+0.000	+883.197	+0.000
30	+0.02150	+7,027.17	+14,165.251	+0.000	+881.148	+0.000
31	+0.02207	+9,455.74	+14,540.794	+0.000	+904.508	+0.000
32	+0.02279	+13,891.50	+15,015.166	+0.000	+934.016	+0.000
33	+0.02343	+24,668.09	+15,436.829	+4,912.200	+960.246	+0.000
34	+0.02384	+26,597.48	+15,706.957	+4,912.200	+977.049	+0.000
35	+0.02441	+34,202.53	+16,082.501	+4,912.200	+1,000.410	+0.000
36	+0.02478	+74,891.48	+16,326.275	+4,912.200	+1,015.574	+0.000
37	+0.02496	+58,736.12	+16,444.868	+0.000	+1,022.951	+0.000
38	+0.02552	+46,968.91	+16,813.823	+0.000	+1,045.902	+0.000
39	+0.02564	+42,182.21	+16,892.885	+0.000	+1,050.820	+0.000
40	+0.02552	+38,546.04	+16,813.823	+4,912.200	+1,045.902	+0.000
41	+0.02519	+32,403.15	+16,596.403	+4,912.200	+1,032.377	+0.000
42	+0.02505	+20,521.66	+16,504.164	+4,912.200	+1,026.639	+0.000

43	+0.02509	+26,451.76	+16,530.518	+4,912.200	+1,028.279	+.000
44	+0.02486	+29,051.15	+16,378.983	+4,912.200	+1,018.853	+.000
45	+0.02380	+534.09	+15,680.603	+.000	+975.410	+.000
46	+0.02238	+11,782.64	+14,745.038	+.000	+917.213	+.000
47	+0.02053	+35,006.06	+13,526.167	+24,857.250	+841.394	+.000
48	+0.01930	+33,106.50	+12,715.783	+24,857.250	+790.984	+.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	+2,039.178	+0.000	+13,630.135	+0.000	+0.000
02	+0.000	+1,988.630	+0.000	+13,292.266	+0.000	+0.000
03	+0.000	+1,961.507	+0.000	+13,110.970	+0.000	+0.000
04	+0.000	+1,941.781	+0.000	+12,979.119	+0.000	+0.000
05	+0.000	+1,931.918	+0.000	+12,913.193	+0.000	+0.000
06	+0.000	+1,899.863	+0.000	+12,698.935	+0.000	+0.000
07	+0.000	+1,861.644	+0.000	+12,443.473	+0.000	+0.000
08	+0.000	+1,849.315	+0.000	+12,361.066	+0.000	+0.000
09	+0.000	+1,787.671	+0.000	+11,949.030	+0.000	+0.000
10	+0.000	+1,803.699	+0.000	+12,056.159	+0.000	+0.000
11	+0.000	+1,876.438	+0.000	+12,542.361	+0.000	+0.000
12	+0.000	+1,955.342	+0.000	+13,069.767	+0.000	+0.000
13	+0.000	+2,158.767	+0.000	+14,429.484	+0.000	+0.000
14	+0.000	+2,340.000	+0.000	+15,640.868	+0.000	+0.000
15	+0.000	+2,575.479	+0.000	+17,214.844	+0.000	+0.000
16	+0.000	+2,687.671	+0.000	+17,964.749	+0.000	+0.000
17	+0.000	+2,754.247	+0.000	+18,409.747	+0.000	+0.000
18	+0.000	+2,794.932	+0.000	+18,681.690	+0.000	+0.000
19	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
20	+0.000	+2,744.384	+0.000	+18,343.821	+0.000	+0.000
21	+0.000	+2,750.548	+0.000	+18,385.025	+0.000	+0.000
22	+0.000	+2,714.795	+0.000	+18,146.044	+0.000	+0.000
23	+0.000	+2,665.479	+0.000	+17,816.416	+0.000	+0.000
24	+0.000	+2,629.726	+0.000	+17,577.435	+0.000	+0.000
25	+0.000	+2,637.123	+0.000	+17,626.880	+0.000	+0.000
26	+0.000	+2,623.562	+0.000	+17,536.232	+0.000	+0.000
27	+0.000	+2,650.685	+0.000	+17,717.527	+0.000	+0.000
28	+0.000	+2,665.479	+0.000	+17,816.416	+0.000	+0.000
29	+0.000	+2,656.849	+0.000	+17,758.731	+0.000	+0.000
30	+0.000	+2,650.685	+0.000	+17,717.527	+0.000	+0.000
31	+0.000	+2,720.959	+0.000	+18,187.248	+0.000	+0.000
32	+0.000	+2,809.726	+0.000	+18,780.579	+0.000	+0.000
33	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
34	+0.000	+2,939.178	+0.000	+19,645.854	+0.000	+0.000
35	+0.000	+3,009.452	+0.000	+20,115.574	+0.000	+0.000
36	+0.000	+3,055.068	+0.000	+20,420.480	+0.000	+0.000
37	+0.000	+3,077.260	+0.000	+20,568.813	+0.000	+0.000
38	+0.000	+3,146.301	+0.000	+21,030.293	+0.000	+0.000
39	+0.000	+3,161.096	+0.000	+21,129.181	+0.000	+0.000
40	+0.000	+3,146.301	+0.000	+21,030.293	+0.000	+0.000
41	+0.000	+3,105.616	+0.000	+20,758.349	+0.000	+0.000
42	+0.000	+3,088.356	+0.000	+20,642.980	+0.000	+0.000

43	+.000	+3,093.288	+.000	+20,675.942	+.000	+.000
44	+.000	+3,064.932	+.000	+20,486.406	+.000	+.000
45	+.000	+2,934.247	+.000	+19,612.891	+.000	+.000
46	+.000	+2,759.178	+.000	+18,442.710	+.000	+.000
47	+.000	+2,531.096	+.000	+16,918.178	+.000	+.000
48	+.000	+2,379.452	+.000	+15,904.571	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+68.284	+0.000	+0.000	+0.000	+0.000	+83,984.266
02	+66.591	+0.000	+0.000	+0.000	+0.000	+75,796.505
03	+65.683	+0.000	+0.000	+0.000	+0.000	+74,945.075
04	+65.023	+0.000	+0.000	+0.000	+0.000	+76,690.474
05	+64.692	+0.000	+0.000	+0.000	+0.000	+76,964.758
06	+63.619	+0.000	+0.000	+0.000	+0.000	+80,250.195
07	+62.339	+0.000	+0.000	+0.000	+0.000	+75,373.606
08	+61.926	+0.000	+0.000	+0.000	+0.000	+73,539.594
09	+59.862	+0.000	+0.000	+0.000	+0.000	+67,863.694
10	+60.399	+0.000	+0.000	+0.000	+0.000	+75,899.036
11	+62.835	+0.000	+0.000	+0.000	+0.000	+72,755.214
12	+65.477	+0.000	+0.000	+0.000	+0.000	+75,759.479
13	+72.289	+0.000	+0.000	+0.000	+0.000	+92,910.676
14	+78.357	+0.000	+0.000	+0.000	+0.000	+87,531.086
15	+86.243	+0.000	+0.000	+0.000	+0.000	+76,338.887
16	+90.000	+0.000	+0.000	+0.000	+0.000	+71,535.297
17	+92.229	+0.000	+0.000	+0.000	+0.000	+57,536.720
18	+93.591	+0.000	+0.000	+0.000	+0.000	+54,507.126
19	+93.096	+0.000	+0.000	+0.000	+0.000	+57,818.687
20	+91.899	+0.000	+0.000	+0.000	+0.000	+35,175.254
21	+92.105	+0.000	+0.000	+0.000	+0.000	+44,595.850
22	+90.908	+0.000	+0.000	+0.000	+0.000	+65,083.898
23	+89.256	+0.000	+0.000	+0.000	+0.000	+58,442.460
24	+88.059	+0.000	+0.000	+0.000	+0.000	+45,369.057
25	+88.307	+0.000	+0.000	+0.000	+0.000	+32,607.876
26	+87.853	+0.000	+0.000	+0.000	+0.000	+41,050.811
27	+88.761	+0.000	+0.000	+0.000	+0.000	+48,609.942
28	+89.256	+0.000	+0.000	+0.000	+0.000	+42,976.460
29	+88.967	+0.000	+0.000	+0.000	+0.000	+57,318.998
30	+88.761	+0.000	+0.000	+0.000	+0.000	+42,530.542
31	+91.114	+0.000	+0.000	+0.000	+0.000	+45,900.364
32	+94.087	+0.000	+0.000	+0.000	+0.000	+51,525.074
33	+96.729	+0.000	+0.000	+0.000	+0.000	+68,270.708
34	+98.422	+0.000	+0.000	+0.000	+0.000	+70,877.139
35	+100.775	+0.000	+0.000	+0.000	+0.000	+79,423.442
36	+102.302	+0.000	+0.000	+0.000	+0.000	+120,723.380
37	+103.045	+0.000	+0.000	+0.000	+0.000	+99,953.057
38	+105.357	+0.000	+0.000	+0.000	+0.000	+89,110.586
39	+105.853	+0.000	+0.000	+0.000	+0.000	+84,522.045
40	+105.357	+0.000	+0.000	+0.000	+0.000	+85,599.916
41	+103.995	+0.000	+0.000	+0.000	+0.000	+78,912.091
42	+103.417	+0.000	+0.000	+0.000	+0.000	+66,799.416



43	+103.582	+.000	+.000	+.000	+.000	+72,795.569
44	+102.633	+.000	+.000	+.000	+.000	+75,015.155
45	+98.256	+.000	+.000	+.000	+.000	+39,835.497
46	+92.394	+.000	+.000	+.000	+.000	+48,739.173
47	+84.756	+.000	+.000	+.000	+.000	+93,764.902
48	+79.679	+.000	+.000	+.000	+.000	+89,834.218