

Date: 26/07/2019

Settlement Day:30/04/2019

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: 30

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+357,450.660	+47,155,470.150
Balancing Services Contract Cost	+855,537.950	+28,501,893.303
Balancing Services Cost Variable	+234,441.060	+1,688,877.255
ESO Incentive Recovery Costs	+40,983.610	+1,229,508.300
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+112,132.006	+3,298,341.985
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+24,722,131.200
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+123,852.600
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	+24,722,131.200
Total External Costs	+1,604,673.706	+81,997,943.593
Total Adjusted Energy Volume (MWh)	+1,306,088.657	

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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	+21,494.410	+33,748.941	+1.57013
02	+21,195.195	+36,475.005	+1.72091
03	+21,100.502	+28,058.915	+1.32977
04	+21,471.482	+29,419.914	+1.37019
05	+21,266.589	+29,571.477	+1.39051
06	+20,771.999	+26,255.183	+1.26397
07	+20,673.592	+30,642.933	+1.48223
08	+20,916.328	+38,680.017	+1.84927
09	+20,794.820	+44,366.190	+2.13352
10	+21,000.055	+46,747.777	+2.22608
11	+21,760.469	+55,492.211	+2.55014
12	+22,452.338	+57,695.004	+2.56967
13	+25,196.461	+61,704.995	+2.44895
14	+27,817.582	+60,449.589	+2.17307
15	+29,966.232	+67,400.418	+2.24921
16	+30,608.143	+74,546.056	+2.43550
17	+30,679.569	+57,747.058	+1.88226
18	+30,428.370	+61,662.886	+2.02649
19	+30,503.256	+64,680.608	+2.12045
20	+30,373.931	+66,881.391	+2.20193
21	+29,880.099	+51,595.217	+1.72674
22	+29,423.485	+46,851.449	+1.59231
23	+28,902.745	+52,211.857	+1.80647
24	+28,822.863	+59,286.836	+2.05694
25	+28,560.356	+55,370.076	+1.93870
26	+28,245.527	+48,968.591	+1.73368
27	+27,953.781	+41,630.065	+1.48925
28	+27,743.277	+39,747.878	+1.43270
29	+27,547.359	+36,870.550	+1.33844
30	+27,508.827	+38,506.015	+1.39977
31	+27,575.346	+36,510.317	+1.32402
32	+28,248.132	+43,166.541	+1.52812
33	+29,113.733	+43,961.554	+1.50999
34	+30,096.287	+55,877.314	+1.85662
35	+30,930.446	+63,864.860	+2.06479
36	+31,156.807	+70,495.113	+2.26259
37	+31,411.095	+61,000.865	+1.94202
38	+31,639.203	+69,908.420	+2.20955
39	+31,788.388	+68,572.983	+2.15717
40	+31,771.164	+73,524.044	+2.31418
41	+31,444.574	+66,796.701	+2.12427
42	+31,729.695	+70,306.460	+2.21579

43	+31,053.269	+71,431.515	+2.30029
44	+29,942.180	+53,668.680	+1.79241
45	+28,519.435	+46,465.590	+1.62926
46	+26,554.585	+29,209.622	+1.09998
47	+24,654.025	+28,747.955	+1.16606
48	+23,400.651	+32,007.846	+1.36782

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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	+0.01646	+58.94	+14,082.155	+3,455.400	+674.590	+0.000
02	+0.01623	+3,207.48	+13,885.381	+3,455.400	+665.164	+0.000
03	+0.01616	-3,737.38	+13,825.493	+2,112.750	+662.295	+0.000
04	+0.01644	-2,890.70	+14,065.044	+2,112.750	+673.771	+0.000
05	+0.01628	-2,409.49	+13,928.158	+2,077.000	+667.213	+0.000
06	+0.01590	-5,027.78	+13,603.053	+2,077.000	+651.639	+0.000
07	+0.01583	-644.45	+13,543.166	+2,210.000	+648.771	+0.000
08	+0.01601	+7,062.00	+13,697.163	+2,210.000	+656.148	+0.000
09	+0.01592	+12,545.99	+13,620.164	+2,577.500	+652.459	+0.000
10	+0.01608	+14,633.68	+13,757.050	+2,577.500	+659.016	+0.000
11	+0.01666	+5,635.42	+14,253.262	+19,254.820	+682.787	+0.000
12	+0.01719	+6,864.68	+14,706.697	+19,254.820	+704.508	+0.000
13	+0.01929	+13,554.69	+16,503.327	+12,717.410	+790.574	+0.000
14	+0.02130	+3,813.26	+18,222.958	+17,511.360	+872.951	+0.000
15	+0.02294	+5,180.81	+19,626.041	+20,082.200	+940.164	+0.000
16	+0.02343	+11,426.39	+20,045.254	+20,082.200	+960.246	+0.000
17	+0.02349	+9,805.43	+20,096.586	+4,793.950	+962.705	+0.000
18	+0.02330	+14,070.26	+19,934.034	+4,793.950	+954.918	+0.000
19	+0.02335	+16,996.14	+19,976.811	+4,793.950	+956.967	+0.000
20	+0.02326	+19,362.24	+19,899.813	+4,793.950	+953.279	+0.000
21	+0.02288	+4,774.07	+19,574.708	+4,793.950	+937.705	+0.000
22	+0.02253	+673.20	+19,275.270	+4,793.950	+923.361	+0.000
23	+0.02213	+6,768.35	+18,933.055	+4,793.950	+906.967	+0.000
24	+0.02207	+13,953.54	+18,881.723	+4,793.950	+904.508	+0.000
25	+0.02187	+10,404.15	+18,710.615	+4,793.950	+896.312	+0.000
26	+0.02163	+4,443.51	+18,505.286	+4,793.950	+886.475	+0.000
27	+0.02140	-2,472.54	+18,308.512	+4,793.950	+877.049	+0.000
28	+0.02124	-4,060.83	+18,171.626	+4,793.950	+870.492	+0.000
29	+0.02109	-1,868.68	+18,043.295	+0.000	+864.344	+0.000
30	+0.02106	-178.11	+18,017.629	+0.000	+863.115	+0.000
31	+0.02111	-2,265.65	+18,060.406	+0.000	+865.164	+0.000
32	+0.02163	+3,435.41	+18,505.286	+0.000	+886.475	+0.000
33	+0.02229	-1,775.85	+19,069.941	+4,793.950	+913.525	+0.000
34	+0.02304	+8,762.27	+19,711.594	+4,793.950	+944.262	+0.000
35	+0.02368	+15,574.23	+20,259.139	+4,793.950	+970.492	+0.000
36	+0.02386	+21,873.85	+20,413.135	+4,793.950	+977.869	+0.000
37	+0.02405	+16,824.55	+20,575.688	+0.000	+985.656	+0.000
38	+0.02422	+25,419.84	+20,721.129	+0.000	+992.623	+0.000
39	+0.02434	+23,863.98	+20,823.794	+0.000	+997.541	+0.000
40	+0.02433	+24,039.46	+20,815.238	+4,793.950	+997.131	+0.000
41	+0.02408	+17,771.33	+20,601.354	+4,793.950	+986.885	+0.000
42	+0.02429	+20,895.35	+20,781.017	+4,793.950	+995.492	+0.000

43	+0.02378	+22,957.20	+20,344.692	+4,793.950	+974.590	+.000
44	+0.02293	+6,755.69	+19,617.485	+4,793.950	+939.754	+.000
45	+0.02184	+6,348.72	+18,684.949	+.000	+895.082	+.000
46	+0.02033	-8,133.60	+17,393.087	+.000	+833.197	+.000
47	+0.01888	-5,931.83	+16,152.556	+.000	+773.771	+.000
48	+0.01792	-908.56	+15,331.240	+.000	+734.426	+.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	+1,845.693	+0.000	+13,564.209	+0.000	+0.000
02	+0.000	+1,819.902	+0.000	+13,374.673	+0.000	+0.000
03	+0.000	+1,812.053	+0.000	+13,316.988	+0.000	+0.000
04	+0.000	+1,843.450	+0.000	+13,547.728	+0.000	+0.000
05	+0.000	+1,825.509	+0.000	+13,415.877	+0.000	+0.000
06	+0.000	+1,782.899	+0.000	+13,102.730	+0.000	+0.000
07	+0.000	+1,775.050	+0.000	+13,045.045	+0.000	+0.000
08	+0.000	+1,795.233	+0.000	+13,193.377	+0.000	+0.000
09	+0.000	+1,785.142	+0.000	+13,119.211	+0.000	+0.000
10	+0.000	+1,803.083	+0.000	+13,251.062	+0.000	+0.000
11	+0.000	+1,868.119	+0.000	+13,729.024	+0.000	+0.000
12	+0.000	+1,927.549	+0.000	+14,165.781	+0.000	+0.000
13	+0.000	+2,163.026	+0.000	+15,896.330	+0.000	+0.000
14	+0.000	+2,388.412	+0.000	+17,552.713	+0.000	+0.000
15	+0.000	+2,572.308	+0.000	+18,904.190	+0.000	+0.000
16	+0.000	+2,627.253	+0.000	+19,307.984	+0.000	+0.000
17	+0.000	+2,633.981	+0.000	+19,357.429	+0.000	+0.000
18	+0.000	+2,612.676	+0.000	+19,200.855	+0.000	+0.000
19	+0.000	+2,618.282	+0.000	+19,242.059	+0.000	+0.000
20	+0.000	+2,608.190	+0.000	+19,167.892	+0.000	+0.000
21	+0.000	+2,565.580	+0.000	+18,854.745	+0.000	+0.000
22	+0.000	+2,526.334	+0.000	+18,566.321	+0.000	+0.000
23	+0.000	+2,481.481	+0.000	+18,236.692	+0.000	+0.000
24	+0.000	+2,474.753	+0.000	+18,187.248	+0.000	+0.000
25	+0.000	+2,452.327	+0.000	+18,022.434	+0.000	+0.000
26	+0.000	+2,425.415	+0.000	+17,824.657	+0.000	+0.000
27	+0.000	+2,399.625	+0.000	+17,635.120	+0.000	+0.000
28	+0.000	+2,381.684	+0.000	+17,503.269	+0.000	+0.000
29	+0.000	+2,364.864	+0.000	+17,379.658	+0.000	+0.000
30	+0.000	+2,361.500	+0.000	+17,354.936	+0.000	+0.000
31	+0.000	+2,367.107	+0.000	+17,396.140	+0.000	+0.000
32	+0.000	+2,425.415	+0.000	+17,824.657	+0.000	+0.000
33	+0.000	+2,499.422	+0.000	+18,368.543	+0.000	+0.000
34	+0.000	+2,583.521	+0.000	+18,986.597	+0.000	+0.000
35	+0.000	+2,655.286	+0.000	+19,514.002	+0.000	+0.000
36	+0.000	+2,675.470	+0.000	+19,662.335	+0.000	+0.000
37	+0.000	+2,696.775	+0.000	+19,818.909	+0.000	+0.000
38	+0.000	+2,715.837	+0.000	+19,959.001	+0.000	+0.000
39	+0.000	+2,729.293	+0.000	+20,057.889	+0.000	+0.000
40	+0.000	+2,728.172	+0.000	+20,049.648	+0.000	+0.000
41	+0.000	+2,700.139	+0.000	+19,843.631	+0.000	+0.000
42	+0.000	+2,723.686	+0.000	+20,016.686	+0.000	+0.000

43	+.000	+2,666.499	+.000	+19,596.409	+.000	+.000
44	+.000	+2,571.187	+.000	+18,895.949	+.000	+.000
45	+.000	+2,448.963	+.000	+17,997.712	+.000	+.000
46	+.000	+2,279.644	+.000	+16,753.364	+.000	+.000
47	+.000	+2,117.052	+.000	+15,558.461	+.000	+.000
48	+.000	+2,009.406	+.000	+14,767.353	+.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	+67.954	+0.000	+0.000	+0.000	+0.000	+33,748.941
02	+67.004	+0.000	+0.000	+0.000	+0.000	+36,475.005
03	+66.715	+0.000	+0.000	+0.000	+0.000	+28,058.915
04	+67.871	+0.000	+0.000	+0.000	+0.000	+29,419.914
05	+67.211	+0.000	+0.000	+0.000	+0.000	+29,571.477
06	+65.642	+0.000	+0.000	+0.000	+0.000	+26,255.183
07	+65.353	+0.000	+0.000	+0.000	+0.000	+30,642.933
08	+66.096	+0.000	+0.000	+0.000	+0.000	+38,680.017
09	+65.724	+0.000	+0.000	+0.000	+0.000	+44,366.190
10	+66.385	+0.000	+0.000	+0.000	+0.000	+46,747.777
11	+68.779	+0.000	+0.000	+0.000	+0.000	+55,492.211
12	+70.968	+0.000	+0.000	+0.000	+0.000	+57,695.004
13	+79.637	+0.000	+0.000	+0.000	+0.000	+61,704.995
14	+87.935	+0.000	+0.000	+0.000	+0.000	+60,449.589
15	+94.706	+0.000	+0.000	+0.000	+0.000	+67,400.418
16	+96.729	+0.000	+0.000	+0.000	+0.000	+74,546.056
17	+96.977	+0.000	+0.000	+0.000	+0.000	+57,747.058
18	+96.192	+0.000	+0.000	+0.000	+0.000	+61,662.886
19	+96.399	+0.000	+0.000	+0.000	+0.000	+64,680.608
20	+96.027	+0.000	+0.000	+0.000	+0.000	+66,881.391
21	+94.458	+0.000	+0.000	+0.000	+0.000	+51,595.217
22	+93.013	+0.000	+0.000	+0.000	+0.000	+46,851.449
23	+91.362	+0.000	+0.000	+0.000	+0.000	+52,211.857
24	+91.114	+0.000	+0.000	+0.000	+0.000	+59,286.836
25	+90.289	+0.000	+0.000	+0.000	+0.000	+55,370.076
26	+89.298	+0.000	+0.000	+0.000	+0.000	+48,968.591
27	+88.348	+0.000	+0.000	+0.000	+0.000	+41,630.065
28	+87.688	+0.000	+0.000	+0.000	+0.000	+39,747.878
29	+87.068	+0.000	+0.000	+0.000	+0.000	+36,870.550
30	+86.945	+0.000	+0.000	+0.000	+0.000	+38,506.015
31	+87.151	+0.000	+0.000	+0.000	+0.000	+36,510.317
32	+89.298	+0.000	+0.000	+0.000	+0.000	+43,166.541
33	+92.022	+0.000	+0.000	+0.000	+0.000	+43,961.554
34	+95.119	+0.000	+0.000	+0.000	+0.000	+55,877.314
35	+97.761	+0.000	+0.000	+0.000	+0.000	+63,864.860
36	+98.504	+0.000	+0.000	+0.000	+0.000	+70,495.113
37	+99.289	+0.000	+0.000	+0.000	+0.000	+61,000.865
38	+99.990	+0.000	+0.000	+0.000	+0.000	+69,908.420
39	+100.486	+0.000	+0.000	+0.000	+0.000	+68,572.983
40	+100.444	+0.000	+0.000	+0.000	+0.000	+73,524.044
41	+99.412	+0.000	+0.000	+0.000	+0.000	+66,796.701
42	+100.279	+0.000	+0.000	+0.000	+0.000	+70,306.460



43	+98.174	+.000	+.000	+.000	+.000	+71,431.515
44	+94.665	+.000	+.000	+.000	+.000	+53,668.680
45	+90.165	+.000	+.000	+.000	+.000	+46,465.590
46	+83.931	+.000	+.000	+.000	+.000	+29,209.622
47	+77.945	+.000	+.000	+.000	+.000	+28,747.955
48	+73.981	+.000	+.000	+.000	+.000	+32,007.846