

Date: 06/07/2020

Settlement Day:15/05/2019

SAA Run Number:09

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 45

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+65,452.980	+56,421,433.380
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+61,024.240	+55,755,985.220
Balancing Services Contract Cost	+711,694.662	+44,112,187.042
Balancing Services Cost Variable	+179,013.360	+4,206,399.200
ESO Incentive Recovery Costs	+45,112.030	+2,030,041.350
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+5,587.962	+83,819.430
Black Start Availability Costs	+119,286.298	+5,173,768.609
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+37,083,196.800
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+283,856.400
EMR Incentive Revenue	+0.000	+0.000
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	+37,083,196.800
Total External Costs	+1,128,026.472	+111,646,057.251
Total Adjusted Energy Volume (MWh)	+1,192,540.492	

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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	+20,794.632	+43,618.195	+2.09757
02	+20,233.431	+37,384.267	+1.84765
03	+20,150.268	+40,898.883	+2.02969
04	+20,317.985	+41,773.851	+2.05600
05	+20,186.831	+38,529.194	+1.90863
06	+19,720.202	+30,834.351	+1.56359
07	+19,643.581	+32,587.307	+1.65893
08	+19,692.068	+31,782.369	+1.61397
09	+19,734.111	+33,969.762	+1.72137
10	+19,813.687	+37,039.395	+1.86938
11	+20,063.747	+47,592.098	+2.37204
12	+21,148.816	+46,829.932	+2.21431
13	+23,871.632	+51,353.149	+2.15122
14	+26,148.956	+62,998.864	+2.40923
15	+27,925.973	+40,231.443	+1.44065
16	+28,684.609	+49,689.391	+1.73227
17	+28,698.243	+56,840.681	+1.98063
18	+27,841.602	+46,148.119	+1.65752
19	+27,435.810	+42,717.119	+1.55698
20	+26,793.298	+34,532.896	+1.28886
21	+26,387.073	+43,807.166	+1.66018
22	+25,836.736	+41,867.168	+1.62045
23	+25,070.298	+37,795.249	+1.50757
24	+24,790.791	+34,120.546	+1.37634
25	+24,601.306	+30,217.916	+1.22831
26	+24,259.599	+30,459.779	+1.25558
27	+23,957.002	+23,709.064	+0.98965
28	+23,739.421	+22,284.483	+0.93871
29	+23,788.631	+16,268.935	+0.68390
30	+23,872.812	+24,791.779	+1.03849
31	+24,254.568	+28,055.069	+1.15669
32	+25,083.342	+30,108.820	+1.20035
33	+26,070.074	+28,315.520	+1.08613
34	+27,059.256	+46,808.619	+1.72986
35	+27,569.214	+63,870.915	+2.31675
36	+28,090.992	+49,960.272	+1.77852
37	+28,954.090	+34,752.925	+1.20028
38	+29,566.851	+33,499.275	+1.13300
39	+29,838.009	+34,051.239	+1.14120
40	+29,839.960	+44,248.069	+1.48285
41	+29,598.925	+47,475.567	+1.60396
42	+29,287.089	+58,120.961	+1.98453

43	+29,040.348	+51,138.449	+1.76094
44	+28,143.263	+36,054.724	+1.28111
45	+26,547.862	+37,692.534	+1.41980
46	+24,540.274	+46,250.523	+1.88468
47	+22,664.474	+63,621.619	+2.80711
48	+21,188.750	+65,450.425	+3.08892

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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	+0.01744	+16,954.41	+0.00	+16,805.00	+12,411.955	-3,045.130
02	+0.01697	+11,377.37	+0.00	+11,375.74	+12,077.458	-3,045.130
03	+0.01690	+15,010.26	+0.00	+15,010.20	+12,027.640	-3,045.130
04	+0.01704	+15,703.47	+0.00	+15,645.48	+12,127.277	-3,045.130
05	+0.01693	+12,627.92	+0.00	+12,582.40	+12,048.991	-3,038.380
06	+0.01654	+5,557.39	+0.00	+5,555.26	+11,771.430	-3,038.380
07	+0.01647	+7,382.16	+0.00	+7,379.81	+11,721.611	-2,990.130
08	+0.01651	+6,506.91	+0.00	+6,506.39	+11,750.079	-2,990.130
09	+0.01655	+8,726.12	+0.00	+8,723.05	+11,778.547	-3,087.880
10	+0.01661	+11,740.84	+0.00	+11,689.96	+11,821.248	-3,087.880
11	+0.01682	-1,693.56	+0.00	-1,724.87	+11,970.704	+20,520.120
12	+0.01773	-4,025.13	+0.00	-4,045.01	+12,618.346	+20,520.120
13	+0.02002	-6,139.97	+0.00	-6,313.41	+14,248.127	+23,391.120
14	+0.02193	-2,444.12	+0.00	-2,727.80	+15,607.464	+28,181.190
15	+0.02342	-4,194.94	+0.00	-4,655.07	+16,667.889	+4,790.070
16	+0.02405	+3,943.30	+0.00	+3,724.28	+17,116.257	+4,790.070
17	+0.02406	+11,011.25	+0.00	+10,858.45	+17,123.374	+4,790.070
18	+0.02335	+1,388.14	+0.00	+1,381.45	+16,618.070	+4,790.070
19	+0.02301	-1,246.11	+0.00	-1,467.45	+16,376.094	+4,790.070
20	+0.02247	-8,722.88	+0.00	-8,727.16	+15,991.779	+4,790.070
21	+0.02213	+1,136.42	+0.00	+1,129.21	+15,749.803	+4,790.070
22	+0.02167	-19.22	+0.00	-23.24	+15,422.423	+4,790.070
23	+0.02102	-2,568.39	+0.00	-2,982.32	+14,959.822	+4,790.070
24	+0.02079	-6,190.11	+0.00	-6,263.25	+14,796.132	+4,790.070
25	+0.02063	-9,891.95	+0.00	-9,891.95	+14,682.261	+4,790.070
26	+0.02034	-9,153.59	+0.00	-9,153.59	+14,475.869	+4,790.070
27	+0.02009	-15,476.29	+0.00	-15,476.29	+14,297.946	+4,790.070
28	+0.01991	-16,592.70	+0.00	-16,592.70	+14,169.841	+4,790.070
29	+0.01995	-17,886.66	+0.00	-17,886.66	+14,198.309	+0.000
30	+0.02002	-9,435.32	+0.00	-9,483.66	+14,248.127	+0.000
31	+0.02034	-6,755.98	+0.00	-6,768.23	+14,475.869	+0.000
32	+0.02103	-5,895.80	+0.00	-5,895.80	+14,966.939	+0.000
33	+0.02186	-13,898.50	+0.00	-13,900.18	+15,557.645	+4,790.070
34	+0.02269	+3,891.41	+0.00	+3,171.91	+16,148.352	+4,790.070
35	+0.02312	+19,565.26	+0.00	+19,498.02	+16,454.381	+4,790.070
36	+0.02356	+4,956.12	+0.00	+4,834.07	+16,767.526	+4,790.070
37	+0.02428	-6,719.93	+0.00	-6,815.89	+17,279.946	+0.000
38	+0.02479	-8,942.69	+0.00	-8,942.69	+17,642.911	+0.000
39	+0.02502	-8,784.50	+0.00	-8,784.50	+17,806.600	+0.000
40	+0.02502	-3,184.69	+0.00	-3,377.74	+17,806.600	+4,790.070
41	+0.02482	+346.48	+0.00	+192.17	+17,664.262	+4,790.070
42	+0.02456	+11,441.60	+0.00	+11,282.70	+17,479.221	+4,790.070

43	+0.02435	+4,660.18	+.00	+4,659.72	+17,329.765	+4,790.070
44	+0.02360	-9,037.48	+.00	-9,139.96	+16,795.994	+4,790.070
45	+0.02226	-398.13	+.00	-417.92	+15,842.323	+.000
46	+0.02058	+11,271.42	+.00	+11,175.83	+14,646.676	-159.500
47	+0.01901	+27,822.48	+.00	+27,674.36	+13,529.316	+3,401.000
48	+0.01777	+31,730.71	+.00	+31,626.12	+12,646.814	+3,401.000

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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	+786.754	+0.000	+97.454	+2,080.353	+0.000	+14,371.799
02	+765.551	+0.000	+94.828	+2,024.288	+0.000	+13,984.486
03	+762.393	+0.000	+94.437	+2,015.938	+0.000	+13,926.801
04	+768.709	+0.000	+95.219	+2,032.639	+0.000	+14,042.171
05	+763.747	+0.000	+94.604	+2,019.517	+0.000	+13,951.523
06	+746.153	+0.000	+92.425	+1,972.995	+0.000	+13,630.135
07	+742.995	+0.000	+92.034	+1,964.645	+0.000	+13,572.450
08	+744.800	+0.000	+92.257	+1,969.417	+0.000	+13,605.413
09	+746.604	+0.000	+92.481	+1,974.188	+0.000	+13,638.376
10	+749.311	+0.000	+92.816	+1,981.345	+0.000	+13,687.820
11	+758.784	+0.000	+93.990	+2,006.396	+0.000	+13,860.875
12	+799.836	+0.000	+99.075	+2,114.946	+0.000	+14,610.780
13	+903.143	+0.000	+111.871	+2,388.112	+0.000	+16,497.902
14	+989.307	+0.000	+122.544	+2,615.949	+0.000	+18,071.878
15	+1,056.524	+0.000	+130.870	+2,793.685	+0.000	+19,299.744
16	+1,084.944	+0.000	+134.390	+2,868.835	+0.000	+19,818.909
17	+1,085.395	+0.000	+134.446	+2,870.028	+0.000	+19,827.149
18	+1,053.366	+0.000	+130.479	+2,785.335	+0.000	+19,242.059
19	+1,038.028	+0.000	+128.579	+2,744.778	+0.000	+18,961.875
20	+1,013.667	+0.000	+125.562	+2,680.363	+0.000	+18,516.876
21	+998.329	+0.000	+123.662	+2,639.806	+0.000	+18,236.692
22	+977.578	+0.000	+121.091	+2,584.934	+0.000	+17,857.619
23	+948.255	+0.000	+117.459	+2,507.398	+0.000	+17,321.973
24	+937.879	+0.000	+116.174	+2,479.962	+0.000	+17,132.437
25	+930.661	+0.000	+115.280	+2,460.876	+0.000	+17,000.586
26	+917.579	+0.000	+113.659	+2,426.283	+0.000	+16,761.605
27	+906.301	+0.000	+112.262	+2,396.462	+0.000	+16,555.587
28	+898.181	+0.000	+111.256	+2,374.990	+0.000	+16,407.254
29	+899.985	+0.000	+111.480	+2,379.762	+0.000	+16,440.217
30	+903.143	+0.000	+111.871	+2,388.112	+0.000	+16,497.902
31	+917.579	+0.000	+113.659	+2,426.283	+0.000	+16,761.605
32	+948.706	+0.000	+117.515	+2,508.591	+0.000	+17,330.214
33	+986.149	+0.000	+122.153	+2,607.598	+0.000	+18,014.193
34	+1,023.592	+0.000	+126.791	+2,706.606	+0.000	+18,698.172
35	+1,042.990	+0.000	+129.194	+2,757.899	+0.000	+19,052.522
36	+1,062.839	+0.000	+131.652	+2,810.385	+0.000	+19,415.114
37	+1,095.320	+0.000	+135.676	+2,896.271	+0.000	+20,008.445
38	+1,118.327	+0.000	+138.526	+2,957.107	+0.000	+20,428.721
39	+1,128.703	+0.000	+139.811	+2,984.543	+0.000	+20,618.257
40	+1,128.703	+0.000	+139.811	+2,984.543	+0.000	+20,618.257
41	+1,119.681	+0.000	+138.693	+2,960.686	+0.000	+20,453.443
42	+1,107.951	+0.000	+137.240	+2,929.671	+0.000	+20,239.185

43	+1,098.478	+.000	+136.067	+2,904.621	+.000	+20,066.130
44	+1,064.644	+.000	+131.876	+2,815.157	+.000	+19,448.077
45	+1,004.194	+.000	+124.388	+2,655.313	+.000	+18,343.821
46	+928.406	+.000	+115.000	+2,454.912	+.000	+16,959.382
47	+857.580	+.000	+106.227	+2,267.633	+.000	+15,665.590
48	+801.641	+.000	+99.298	+2,119.718	+.000	+14,643.742

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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	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+110.010	+.000	+.000	+.000	+.000
02	+.000	+107.045	+.000	+.000	+.000	+.000
03	+.000	+106.604	+.000	+.000	+.000	+.000
04	+.000	+107.487	+.000	+.000	+.000	+.000
05	+.000	+106.793	+.000	+.000	+.000	+.000
06	+.000	+104.333	+.000	+.000	+.000	+.000
07	+.000	+103.891	+.000	+.000	+.000	+.000
08	+.000	+104.144	+.000	+.000	+.000	+.000
09	+.000	+104.396	+.000	+.000	+.000	+.000
10	+.000	+104.775	+.000	+.000	+.000	+.000
11	+.000	+106.099	+.000	+.000	+.000	+.000
12	+.000	+111.839	+.000	+.000	+.000	+.000
13	+.000	+126.285	+.000	+.000	+.000	+.000
14	+.000	+138.333	+.000	+.000	+.000	+.000
15	+.000	+147.731	+.000	+.000	+.000	+.000
16	+.000	+151.705	+.000	+.000	+.000	+.000
17	+.000	+151.769	+.000	+.000	+.000	+.000
18	+.000	+147.290	+.000	+.000	+.000	+.000
19	+.000	+145.145	+.000	+.000	+.000	+.000
20	+.000	+141.739	+.000	+.000	+.000	+.000
21	+.000	+139.594	+.000	+.000	+.000	+.000
22	+.000	+136.693	+.000	+.000	+.000	+.000
23	+.000	+132.592	+.000	+.000	+.000	+.000
24	+.000	+131.142	+.000	+.000	+.000	+.000
25	+.000	+130.132	+.000	+.000	+.000	+.000
26	+.000	+128.303	+.000	+.000	+.000	+.000
27	+.000	+126.726	+.000	+.000	+.000	+.000
28	+.000	+125.591	+.000	+.000	+.000	+.000
29	+.000	+125.843	+.000	+.000	+.000	+.000
30	+.000	+126.285	+.000	+.000	+.000	+.000
31	+.000	+128.303	+.000	+.000	+.000	+.000
32	+.000	+132.656	+.000	+.000	+.000	+.000
33	+.000	+137.891	+.000	+.000	+.000	+.000
34	+.000	+143.127	+.000	+.000	+.000	+.000
35	+.000	+145.839	+.000	+.000	+.000	+.000
36	+.000	+148.615	+.000	+.000	+.000	+.000
37	+.000	+153.156	+.000	+.000	+.000	+.000
38	+.000	+156.373	+.000	+.000	+.000	+.000
39	+.000	+157.824	+.000	+.000	+.000	+.000
40	+.000	+157.824	+.000	+.000	+.000	+.000
41	+.000	+156.563	+.000	+.000	+.000	+.000
42	+.000	+154.923	+.000	+.000	+.000	+.000



43	+.000	+153.598	+.000	+.000	+.000	+.000
44	+.000	+148.867	+.000	+.000	+.000	+.000
45	+.000	+140.414	+.000	+.000	+.000	+.000
46	+.000	+129.817	+.000	+.000	+.000	+.000
47	+.000	+119.914	+.000	+.000	+.000	+.000
48	+.000	+112.092	+.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	+43,618.195
02	+ .000	+37,384.267
03	+ .000	+40,898.883
04	+ .000	+41,773.851
05	+ .000	+38,529.194
06	+ .000	+30,834.351
07	+ .000	+32,587.307
08	+ .000	+31,782.369
09	+ .000	+33,969.762
10	+ .000	+37,039.395
11	+ .000	+47,592.098
12	+ .000	+46,829.932
13	+ .000	+51,353.149
14	+ .000	+62,998.864
15	+ .000	+40,231.443
16	+ .000	+49,689.391
17	+ .000	+56,840.681
18	+ .000	+46,148.119
19	+ .000	+42,717.119
20	+ .000	+34,532.896
21	+ .000	+43,807.166
22	+ .000	+41,867.168
23	+ .000	+37,795.249
24	+ .000	+34,120.546
25	+ .000	+30,217.916
26	+ .000	+30,459.779
27	+ .000	+23,709.064
28	+ .000	+22,284.483
29	+ .000	+16,268.935
30	+ .000	+24,791.779
31	+ .000	+28,055.069
32	+ .000	+30,108.820
33	+ .000	+28,315.520
34	+ .000	+46,808.619
35	+ .000	+63,870.915
36	+ .000	+49,960.272
37	+ .000	+34,752.925
38	+ .000	+33,499.275
39	+ .000	+34,051.239
40	+ .000	+44,248.069
41	+ .000	+47,475.567
42	+ .000	+58,120.961

43	+.000	+51,138.449
44	+.000	+36,054.724
45	+.000	+37,692.534
46	+.000	+46,250.523
47	+.000	+63,621.619
48	+.000	+65,450.425