

**Changes to Argus European Spark Spreads effective 1 September 2021**

Argus is adding the following codes to the Argus European Spark Spreads data module. The following PA code details will appear in the DSparkEurope module in the DSparkEurope folder on ftp.argusmedia.com effective 1 September 2021.

PA-code	Time Stamp	Price Type	Continuous Forward	Description	Start Date	Unit	Category	Frequency
PA0030451	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 30% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030471	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 34% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030472	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 38% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030455	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 40% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030473	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 49.13% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030474	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 55% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030459	6	8	1	Spark ETS adjusted Germany base Germany VTP (Trading Hub Europe) gas 61% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030452	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 30% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030475	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 34% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030476	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 38% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030456	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 40% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030477	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 49.13% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030478	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 55% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030460	6	8	1	Spark ETS adjusted Germany peak Germany VTP (Trading Hub Europe) gas 61% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030461	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 30% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030462	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 34% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030463	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 38% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030453	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 40% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030464	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 49.13% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030465	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 55% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030457	6	8	1	Spark Germany base Germany VTP (Trading Hub Europe) gas 61% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030466	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 30% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030467	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 34% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030468	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 38% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030454	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 40% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030469	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 49.13% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030470	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 55% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily
PA0030458	6	8	1	Spark Germany peak Germany VTP (Trading Hub Europe) gas 61% month	1-Sep-2021	Euro/MWh	Spark spread->Europe->Germany	Daily