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Figure 30 · Scheduled vs. Realized Unavailability by Nuclear Reactor in France in 2021 Reactors Unavailability of French Nuclear Reactors in 2021 Flamanville-2 Scheduled vs Realized Outages Golfech-1 Cattenom-4 Chinon-4 Cumulated Duration of Unavailability at Zero Power (in Days) Belleville-1 St Alban-2 Penly-2 Cruas-3 St Alban-1 Dampierre-4 Unavailability Tricastin-4 Bugey-2 Scheduled in 2021 of which not realized Tricastin-3 Nogent-1 Extended Unvailability in 2021 Blayais-1 Blayais-3 Nogent-2 → N days Extended into 2022 with number of days realized Paluel-4 Gravelines-3 in 2022 (provisionnal = number of days in 2022 Dampierre-2 Tricastin-1 as expected as of 1 July 2022) Bugey-3 Paluel-2 2021 Cruas-4 Belleville-2 Paluel-3 In 2021, unavailabilities at zero power (outages) affecting Cruas-2 Penly-1 the French nuclear fleet reached a total of 5,810 reactor-days Blayais-4 → 3 days Chinon-1 (exceeding by about 1,330 days - or almost 30% -→ 5 days Cattenom-2 Chooz-1 durations for 2021 scheduled at the beginning of outages). Cattenom-1 Gravelines-5 Chinon-2 Chinon-3 Blayais-2 St Laurent-2 Dampierre-3 Gravelines-6 Civaux-1 Gravelines-2 Gravelines-1 Flamanville-1 Cruas-1 Bugey-5 St Laurent-1 Gravelines-4 Bugey-4 Paluel-1 Chooz-2 Cattenom-3 Golfech-2 into 2023 (provisionnal) Civaux-2 Dampierre-1 ■ → 5 davs

Sources: compiled by WNISR, with RTE and EDF REMIT Data, 2021-2022.

Note: This figure represents the cumulated outage duration per reactor as planned at the beginning of the outages and the real durations during the same year (cumulation of planned and forced unavailabilities). In the case of reactors that were shut down in 2020 and planned to restart before 1 January 2021, the entire outage duration in year 2021 is considered outage extension. Extensions into 2022 are not considered.

Cumulated Duration of Unavailabilities (in Days)

The categories "Extension" and "Not implemented" represent the cumulation of balances between all planned and real outage durations per reactor. These numbers do not consider cancelled or rescheduled outages that were moved into 2022.