

March 6, 2024

(HB1219), **(SB947) Pavlak FWA**
Maryland Co-Location Energy Innovation and Reliability Act

THE VISION

- Massive off-the-grid-nuclear in Western Maryland
- Data centers choose to locate here because electricity is cheaper and more reliable than the plug-it-into-the-grid paradigm
- No need for MPRP

OVERVIEW

- This bill is Maryland's regulatory welcome mat for off-the-grid nuclear powered data centers.
- Western Maryland will see nuclear plants and data centers quicker than anyone could imagine because the economics work.

WHY

- PJM on average pays 3.5 cts/kWh (2023) for electricity from generators. New nuclear cannot compete at that price today and needs subsidy.
- Virginia's data centers (industrial users) pay 8.9 cts/kWh (2023) for electricity. New nuclear can compete with those prices.

PROPOSED AMMENDMENT, ADD THE FOLLOWING

TO § 7-207.4(D)(7)(II) THE ENVIRONMENTAL IMPACT OF THE GENERATING STATION; INCLUDING A PLAN TO REDUCE GHG EMISSIONS TO LESS THAN 10% OF TOTAL ENERGY CONSUMPTION WITHIN 10 YEARS AND AN EVENTUAL GOAL OF <1%;

(this amendment precludes fossil fuel as the primary solution)

