

Author calculation: PJM 2021 systems mix plus 11% transmission loss-Delaware systems mix times imported power $(0.468-0.422 \text{ tons CO}_2/\text{MWh}) \times 7.3 \text{ million MWh} = 175,678 \text{ tons CO}_2$ plus Indian River power plant 2021 CO2 emissions times inefficiency factor of low power generation $(385,658 \text{ tons of CO}_2 \times 0.47 = 181,259 \text{ tons of CO}_2)$, for a total extra CO2 emissions of 356,938 tons of CO2.