**IECPA Exhibit 2**

## Transmission Flows (TWh)
## Pennsylvania
## PA DEP Reference Case

|  | 2020 | 2022 | 2025 | 2028 | 2030 | 11 Year Total | |
|---|---|---|---|---|---|---|---|
| Imports from PJM RGGI | 2 | 5 | 8 | 10 | 11 | | |
| Imports from PJM Non-RGGI | 12 | 7 | 8 | 6 | 5 | | |
| Imports from NYISO | 0 | 0 | 1 | 1 | 1 | | |
| Imports from Non-PJM | 0 | 0 | 0 | 0 | 0 | | |
| *Total Imports* | *14,039,884* | *11,865,464* | *16,717,189* | *17,092,167* | *16,508,153* | *164,520,216* | *MWh* |
| Exports to PJM RGGI | 73 | 97 | 93 | 82 | 72 | | |
| Exports to PJM Non-RGGI | 1 | 8 | 14 | 19 | 16 | | |
| Exports to NYISO | 5 | 2 | 3 | 3 | 4 | | |
| Exports to Non-PJM | 1 | 0 | 1 | 1 | 1 | | |
| *Total Exports* | *80,320,934* | *108,390,996* | *111,008,126* | *104,301,415* | *93,275,824* | *1,120,717,887* | *MWh* |
| Net | (66) | (96) | (94) | (87) | (76) | | |

## PA DEP Policy Case

|  | 2020 | 2022 | 2025 | 2028 | 2030 | | |
|---|---|---|---|---|---|---|---|
| Imports from PJM RGGI | 3 | 6 | 6 | 9 | 9 | | |
| Imports from PJM Non-RGGI | 11 | 6 | 7 | 5 | 5 | | |
| Imports from NYISO | 0 | - | 0 | 1 | 1 | | |
| Imports from Non-PJM | 0 | - | 0 | 0 | 0 | | |
| *Total Imports* | *13,468,721* | *12,372,305* | *13,619,336* | *15,457,605* | *15,523,390* | *151,350,965* | *MWh* |
| Exports to PJM RGGI | 75 | 76 | 72 | 63 | 61 | | |
| Exports to PJM Non-RGGI | 1 | 3 | 8 | 11 | 13 | | |
| Exports to NYISO | 5 | 2 | 3 | 3 | 4 | | |
| Exports to Non-PJM | 1 | 0 | 0 | 0 | 0 | | |
| *Total Exports* | *81,824,803* | *80,683,443* | *83,279,038* | *77,648,624* | *78,260,756* | *889,095,052* | *MWh* |
| Net | (68) | (68) | (69) | (62) | (62) | | |

| | 2020 | 2022 | 2025 | 2028 | 2030 | 11 Year Total | | |
|---|---|---|---|---|---|---|---|---|
| Difference in Imports | (571,163) | 506,840 | (3,097,853) | (1,634,562) | (984,762) | **(13,169,251)** MWh | | |
| Difference in Exports | 1,503,869 | (27,707,554) | (27,729,088) | (26,652,791) | (15,015,067) | **(231,622,835)** MWh | **(2,671)** MW | * |
| Lost Export Energy Sales | $ 39,200,206 | $ (608,540,210) | $ (622,194,008) | $ (645,617,276) | $ (363,061,421) | $ **(2,200,212,708)** | | |

Source: DEP IPM Modeling Results

* Baseload generation at 90% availability

Notes:

The DEP IMP TWh data was converted to MWh for the Totals.

The Totals are for the 11 year period. However since data is not provided for each year, the prior years data
is used for any missing year up to the next year of data that is provided in order to develop the 11 year total.

The Lost Export Energy Sales are calculated based on the Pennsylvania Energy Price in the DEP IPM modeling
results.