

The Estimated Economic Impact of an Expansion of the North Anna Power Station on Virginia

This estimate of the economic impact of an expansion of the North Anna Power Station was conducted by the Virginia Economic Development Partnership using IMPLAN, a commercially available input-output modeling program, and data provided by Dominion Virginia Power. VEDP's analysis is not an endorsement of such an expansion. VEDP's creation of IMPLAN models for this analysis followed IMPLAN's standard methodologies. Although VEDP believes this analysis is accurate, input-output models are constrained by their design and source data.

Dominion Virginia Power provided the following parameters for the analysis: 750 new direct jobs with an annual salary of \$67,000. The impact of the new direct jobs extends beyond Louisa County, as suppliers of goods and services across Virginia will benefit from the expansion. The personal expenditures of the direct workers also support jobs in other industries around the state. In addition, Dominion Virginia Power, its workers, and the supporting businesses provide tax revenues their localities and the state.

Statewide, the project's 750 direct jobs and 1,553 additional jobs in one year should create:

- \$14.8 million in state tax revenue
- \$27.7 million in local tax revenue
 - \$3.5 million in property taxes
 - \$24.2 million in sales taxes

In Louisa County, the project's 750 direct jobs and 580 additional jobs in one year should create:

- \$12.9 million in state tax revenue
- \$25.5 million in local tax revenue
 - \$3.3 million in property taxes
 - \$22.2 million in sales taxes

Excluding Louisa County, the project's statewide 973 additional jobs in one year should create:

- \$1.9 million in state tax revenue
- \$2.2 million in local tax revenue
 - \$200,000 in property taxes
 - \$2.0 million in sales taxes

Top sectors for additional jobs include

- | | |
|---------------------------------|-----------------------------------|
| • Retail trade | • Employment services |
| • Restaurants | • Wholesale trade |
| • Medical services | • Real estate services |
| • Building maintenance & repair | • Rail transportation |
| • Legal services | • Automotive repair & maintenance |

The construction involved in expanding the North Anna Power Station also would create benefits for the duration of the work. Dominion Virginia Power estimates 2,000 construction workers would be needed for the project. These workers and their employers will pay taxes and support additional employment through their spending.

Statewide, the 2,000 direct construction jobs and 1,236 additional jobs in one year should create:

- \$4.8 million in state tax revenue
- \$3.5 million in local tax revenue
 - \$3.1 million in property taxes
 - \$400,000 in sales taxes

In Louisa County, the 2,000 direct construction jobs and 555 additional jobs in one year should create:

- \$3.0 million in state tax revenue
- \$1.6 million in local tax revenue
 - \$1.4 million in property taxes
 - \$200,000 in sales taxes

Excluding Louisa County, the project's statewide 681 additional jobs in one year should create:

- \$1.8 million in state tax revenue
- \$1.9 million in local tax revenue
 - \$1.7 million in property taxes
 - \$200,000 in sales taxes

Top sectors for additional jobs include

- | | |
|----------------------------------------|------------------------|
| • Retail trade | • Employment services |
| • Medical services | • Financial services |
| • Restaurants | • Truck transportation |
| • Architectural & engineering services | • Insurance services |
| • Wholesale trade | • Real estate services |

**Potential Employment Impact
of an Expansion of the North Anna Power Station**

Virginia - Including Louisa County

	Power Plant	Construction
Direct Employment	750	2,000
Additional Employment	1,553	1,236
Combined Employment	2,303	3,236

Louisa County

	Power Plant	Construction
Direct Employment	750	2,000
Additional Employment	580	555
Combined Employment	1,330	2,555

Virginia - Excluding Louisa County

	Power Plant	Construction
Additional Employment	973	681
Combined Employment	973	681

**Virginia - Excluding Louisa County
as a % of Virginia - Including Louisa County**

	Power Plant	Construction
Additional Employment	63%	55%
Combined Employment	42%	21%

Notes:

Analysis conducted in IMPLAN Pro

Assumptions:

750 new power plant workers with an average annual salary of \$67,000

2,000 construction workers

**Potential Tax Impact
of an Expansion of the North Anna Power Station**

Virginia - Including Louisa County

	Power Plant	Construction
State Taxes	\$14,787,657	\$4,835,918
Local Taxes	\$27,746,288	\$3,543,177
<i>Property Taxes</i>	\$24,199,103	\$3,097,020
<i>Sales Taxes</i>	\$3,547,185	\$446,157
State & Local Taxes	\$42,533,945	\$8,379,095

Louisa County

	Power Plant	Construction
State Taxes	\$12,908,686	\$2,956,646
Local Taxes	\$25,507,062	\$1,642,056
<i>Property Taxes</i>	\$22,245,508	\$1,437,651
<i>Sales Taxes</i>	\$3,261,554	\$204,405
State & Local Taxes	\$38,415,747	\$4,598,702

Virginia - Excluding Louisa County

	Power Plant	Construction
State Taxes	\$1,878,972	\$1,879,272
Local Taxes	\$2,239,226	\$1,901,121
<i>Property Taxes</i>	\$1,953,595	\$1,659,369
<i>Sales Taxes</i>	\$285,631	\$241,752
State & Local Taxes	\$4,118,198	\$3,780,393

**Virginia - Excluding Louisa County
as a % of Virginia - Including Louisa County**

	Power Plant	Construction
State Taxes	13%	39%
Local Taxes	8%	54%
<i>Property Taxes</i>	8%	54%
<i>Sales Taxes</i>	8%	54%
State & Local Taxes	10%	45%

Notes:

Analysis conducted in IMPLAN Pro

Assumptions:

750 new power plant workers with an average annual salary of \$67,000
2,000 construction workers