

## **HOW WE CAN CLOSE INDIAN POINT, AND WHAT WE'LL HAVE WHEN WE DO:**

### **Clean Energy**

Practical, available, cleaner alternatives including energy efficiency, renewable energy such as wind and solar, and new transmission lines to allow other generators to serve downstate markets, could easily replace Indian Point's power several times over, allowing our economy room to grow.

When both reactors are running, Indian Point provides about 2000 megawatts of generating capacity. The plants' actual power output is significantly lower and most of it is sold out of state. Surplus generating capacity in our area means we could close Indian Point today without disrupting the power grid, and at modest cost – in fact Indian Point's reactors go offline routinely now, with no loss of reliability in the power supply. Recent independent analysis by Synapse Energy Economics commissioned by the Natural Resources Defense Council and Riverkeeper found that more than enough cleaner, safer alternative capacity to replace Indian Point's power could come online before 2015.

Using conservative assumptions, Synapse estimated that simply retrofitting outdated gas plants in New York City with current technologies enabling them to run cleaner and more efficiently would produce an additional 1,000 megawatts of power while also cutting emissions and other pollution. Other new energy efficiency measures, beyond those already planned, could save another 1550 MW. Indian Point sits atop major transmission lines into New York City, but proposed new transmission lines could open the bottleneck and bring up to 8000 MW of other capacity to New York City that currently has no way in, including the 660 MW Hudson Transmission Line, already approved, and about 2000 MW of additional lines well along in the approval process. Indian Point's power helps meet peak air conditioning demand on hot summer days, but that function can easily be accomplished by renewable energy such as wind and solar. By 2015, Synapse estimates 600 MW of renewable capacity to meet peak demand, and

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up to 3000 MW of total renewable capacity, would come online in our area. 6000 MW of renewable energy projects are now in the planning process in New York. In all, the study conservatively estimates over 11,000 MW of clean, safe ways to replace Indian Point's 2000 MW of capacity could be in place by 2015. Some of it will be built regardless of the Indian Point relicensing decision, and some of it is already underway today.

*[The Hudson Valley - a model for New York state, and the nation - Manna Jo Greene, Clearwater Environmental Action Director](#)*

*[Read the Synapse report, "Indian Point Energy Center Nuclear Plant Retirement Analysis; Replacement Options, Reliability Issues and Economic Effects"](#)*

### **GET INVOLVED!**

Contact Manna Jo Greene Clearwater Environmental Action Director, at [mannajo@clearwater.org](mailto:mannajo@clearwater.org) , 845 265-8080, ext 7113 to find out about volunteer opportunities for the Indian Point Campaign.