

Welcome

nationalgrid

HERE WITH YOU. HERE FOR YOU.

Michael F. Pilawa

Manager

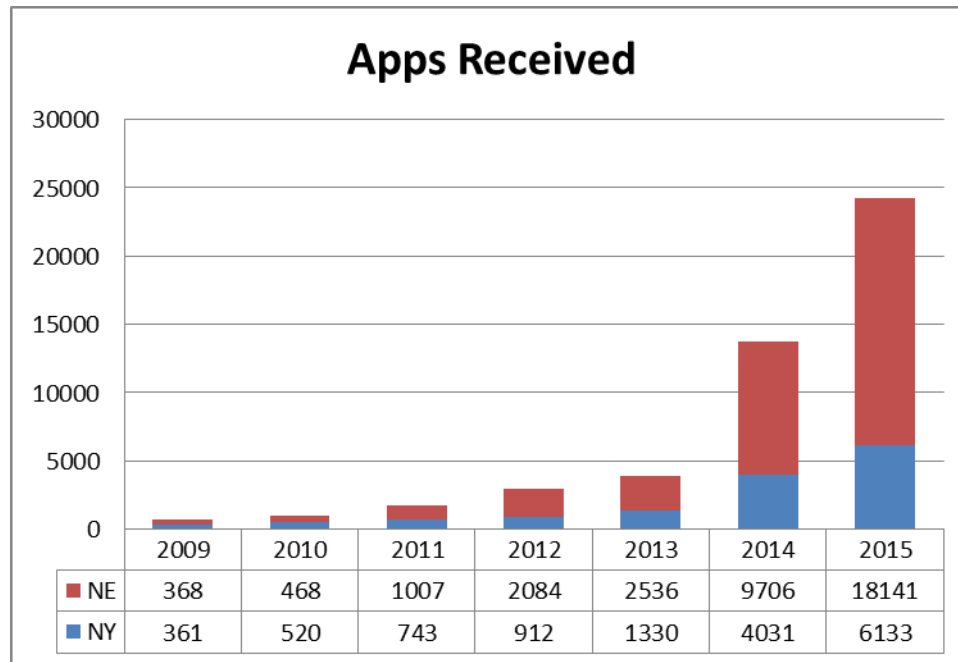
Customer Energy Integration

Technical Sales and Engineering Support

(315) 798-5367

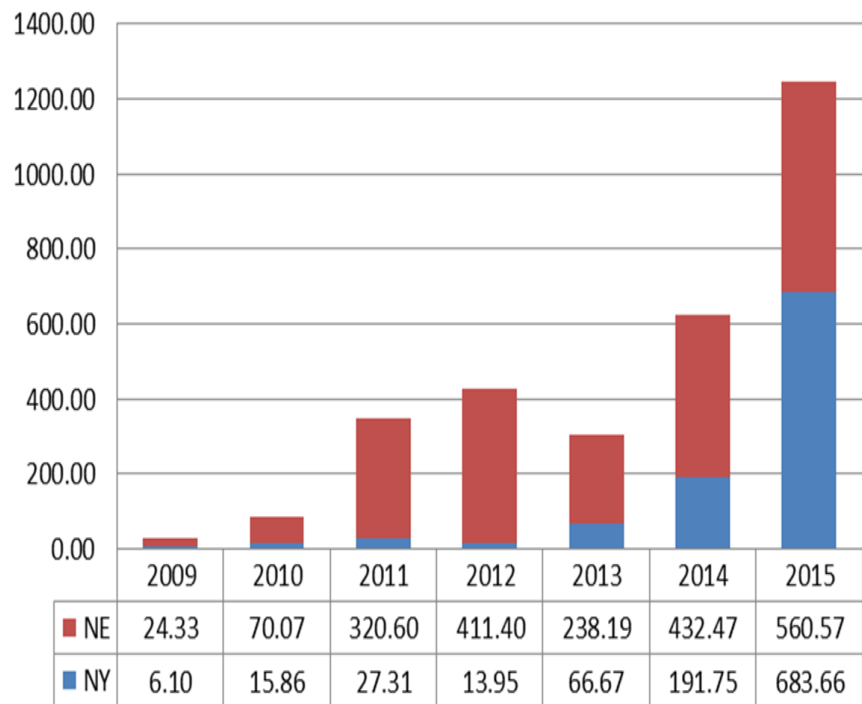
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DG Activity

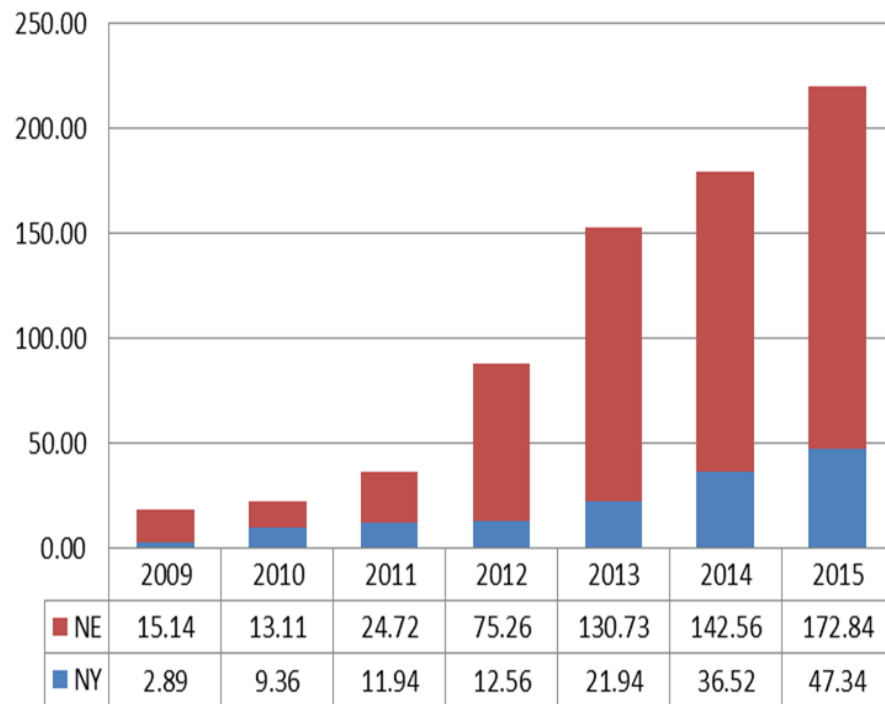


DG Activity ... fasten seatbelts

MW Received



MW Interconnected



Interconnection Guidelines

- NY Standard Interconnection Requirements (“SIR”) - In 1999 the Commission initially instituted the SIR as guidance for distributed generation installation. The utilities were directed to include the SIR in their tariffs as an addendum.
- The SIR has been revised several times since 1999, most recently in July 2015 to comply with changes in Public Service Law
- The revisions to the SIR have been approved and will become effective 4/29/16
- The current SIR can be found either on the Company’s website:
 - <https://www9.nationalgridus.com/niagaramohawk/business/rates/rates.asp>
 - Or the NYS PSC’s website: <http://www.dps.ny.gov>
- National Grid’s Electric Service Bulletins (750,753,756B etc..)

Goals of NYS SIR Revisions

- Started the process back in February 2015
- Worked Jointly with other NYS Utilities
- Eliminate Barriers in the process so certain projects can be moved along
- Safety and Reliability are still met
- Technical Standards
- Restructure Queuing (Set Timelines between processes) This will eliminate stale projects holding up other real projects
- Better Cost Estimates
- Cost Sharing
- Technical Collaborative with other DG Stakeholders (First meeting held March 8th) holding other meetings on a bi-weekly schedule

SIR Changes

- Increased to 5MWs (2MWs or less for net metering)
- Pre-Application Report (info as good as the day it is provided, no interconnection costs)
- PSC DG Ombudsman
- Mandated timelines for committing between process to keep project moving or get removed from queue.
- Development of an On-Line Application Portal (1st Phase 3rd Quarter 2016)

Lessons Learned

- Understand the interconnection process and rules (NYS SIR, ESBs etc..)
- Engage a technical person on your behalf to work on the project. (EE, PE , Electrical Contractor)
- Project Schedule- Realistic Timeframes, do not start to build project and then submit application for interconnection. These projects can take at least 12 to 18 months to be completed
- Significant Interconnection Costs