

***Contribution of 150 Acres of Tier 3 Solar  
to  
New York State's Solar Energy Goal***

**150 acres of Tier 3 solar will produce  
30 MW of power in the town of Rush.**

**Cuomo's goal for New York State is  
6,000 MW of solar power.**

## *Contribution on a Per Town Basis*

**Town of Rush: = 30 MW**

$$\text{NYS Goal: } \frac{6,000 \text{ MW}}{932 \text{ Towns}} = \frac{6.4 \text{ MW}}{\text{Town}}$$

**150 Acres of Tier 3 Solar in Rush will produce almost 5 times the NYS goal for the average power per town!**

## *Contribution on a Per Square Mile Basis*

$$\text{Town of Rush: } \frac{30 \text{ MW}}{30.7 \text{ Sq.Mi.}} = \frac{.98 \text{ MW}}{\text{Sq.Mi.}} = \frac{980 \text{ kW}}{\text{Sq.Mi.}}$$

$$\text{NYS Goal: } \frac{6,000 \text{ MW}}{54,600 \text{ Sq.Mi.}} = \frac{.11 \text{ MW}}{\text{Sq.Mi.}} = \frac{110 \text{ kW}}{\text{Sq.Mi.}}$$

**150 Acres of Tier 3 Solar in Rush will produce 9 times the NYS goal for power per square mile!**

## *Contribution on a Per Person Basis*

$$\text{Town of Rush: } \frac{30 \text{ MW}}{3,500 \text{ People}} = \frac{.0086 \text{ MW}}{\text{Person}} = \frac{8.6 \text{ kW}}{\text{Person}}$$

$$\text{NYS Goal: } \frac{6,000 \text{ MW}}{20,000,000 \text{ People}} = \frac{.0003 \text{ MW}}{\text{Person}} = \frac{0.3 \text{ kW}}{\text{Person}}$$

**150 Acres of Tier 3 Solar in Rush will produce  
28 times the NYS goal for power per resident!**

# *Conclusion*

**By any measure, 150 Acres of Tier 3 Solar in Rush is much more than our share of the amount needed to meet Governor Cuomo's Goals!**