

# Net Energy Metering State Legislation

# Net Metering Eligibility



Residential



Commercial



Industrial

State	Eligible Resources	Residential	Commercial	Industrial	Eligible Resources	State
DE	Solar PV Only, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	DC
IL	Solar PV Only, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	IN
KY	Solar PV Only, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV Only, Wind, Biomass	MD
MI	Solar PV Only, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV & Thermal, Wind, Biomass	NJ
NC	Solar PV Only, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	OH
PA	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV Only, Wind	TN
VA	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	●	●	●	Solar PV & Thermal, Wind, Small Hydroelectric, Biomass	WV

Solar PV Only

Solar PV & Thermal

Wind

Small Hydroelectric

Biomass

Authority	2009 ( <a href="#">S.B. 8</a> ), 2010 ( <a href="#">S.B. 267</a> ) , 2011 ( <a href="#">PSC Order No. 7984</a> )			
System Capacity Limit		DP&L	DEC	Municipals
	Residential	25kW	25kW	25kW
	Non-Residential	2 MW	500kW	500kW
Standby Charges	Not specified			
Net Excess Generation	Full retail rate credit, Annual reconciliation			
Net Excess Generation Limit	110% of aggregate consumption			
Program Capacity	5% of utility's peak demand			
Community Aggregation	Allowed			
REC Ownership	Customer retains			
Installed Technology	Bi-directional Meter			

Authority	2008 (C.B. 17-492), 2008 ( <a href="#">PSC Order No. 14840</a> ) , 2011 ( <a href="#">PSC Order No. 15837</a> )	
System Capacity Limit	1 MW	
Standby Charges	Not specified	
Net Excess Generation	$\leq 100\text{kW}$	$> 100\text{kW}$
	Full retail rate	Generation rate
	Monthly “rollover” credit	
Net Excess Generation Limit	Not specified	
Program Capacity	Not specified	
Community Aggregation	Not specified	
REC Ownership	Customer retains	
Installed Technology	Bi-directional Meter	

Authority	2007 (S.B. 680), 2011 ( <a href="#">S.B. 1652</a> )
System Capacity Limit	2 MW
Standby Charges	Not specified
Net Excess Generation	Full retail rate credit, Annual reconciliation Time-of-Use tariff customers credited value at corresponding time of use rates.
Net Excess Generation Limit	Not specified
Program Capacity	5% of utility's peak demand
Community Aggregation	Allowed
REC Ownership	Customer retains
Installed Technology	Bi-directional Meter (>40kW), Dual Meter ( $\leq$ 40kW, >2MW)

Authority	2004 ( <a href="#">170 I.A.C.</a> ), 2011 ( <a href="#">RM#09-10</a> )
System Capacity Limit	1 MW
Standby Charges	Not specified
Net Excess Generation	Credit, Monthly “rollover” period
Net Excess Generation Limit	Not specified
Program Capacity	1% of utility’s peak demand 40% of participants must be residential
Community Aggregation	Not Specified
REC Ownership	Not Specified
Installed Technology	Bi-directional or Dual Meter

Authority	2008 ( <a href="#">S.B. 83</a> ), 2009 ( <a href="#">PSC Order No. 00169</a> )
System Capacity Limit	30 kW
Standby Charges	Not specified
Net Excess Generation	Full retail rate credit, Monthly “rollover” period Time-of-Use tariff customers credited value at corresponding time-of-use rates.
Net Excess Generation Limit	Not specified
Program Capacity	1% of utility’s peak demand
Community Aggregation	Not Specified
REC Ownership	Customer retains
Installed Technology	Bi-directional

Authority	2009 ( <a href="#">S.B. 981</a> ), 2011 ( <a href="#">H.B. 860</a> )
System Capacity Limit	2 MW 30 kW for micro-combined heat and power
Standby Charges	Not specified
Net Excess Generation	Full/partial retail rate credit, Annual reconciliation
Net Excess Generation Limit	200% of aggregate consumption
Program Capacity	1,500 MW (statewide)
Community Aggregation	Allowed for specific customer classes
REC Ownership	Customer retains
Installed Technology	Bi-directional



Authority	2008 ( <a href="#">P.A. 295</a> ), 2009 ( <a href="#">PSC Order 15787</a> )	
System Capacity Limit	150 kW	
Standby Charges	Not specified	
Net Excess Generation	$\leq 20$ kW	$> 20$ kW - $< 150$ kW
	Full retail rate credit, Monthly “rollover”	Power supply retail rate credit, Monthly “rollover”
	Time-of-Use tariff customers credited value at corresponding time-of-use rates.	
Net Excess Generation Limit	100% of aggregate consumption	
Program Capacity	0.75% of utility’s peak demand	
Community Aggregation	Not specified	
REC Ownership	Customer retains	
Installed Technology	Bi-directional	

Authority	2008 ( <a href="#">S.B. 2936</a> ), 2010 ( <a href="#">A.B. 3520</a> )
System Capacity Limit	Limit removed in 2010
Standby Charges	Not specified
Net Excess Generation	Three Options: <ol style="list-style-type: none"> <li>1. Full retail rate credit, Annual reconciliation</li> <li>2. PJM RT LMP rate by zone, less losses</li> <li>3. Bilateral agreement with electric supplier</li> </ol>
Net Excess Generation Limit	100% of aggregate consumption
Program Capacity	2.5% of utility's peak demand
Community Aggregation	Not specified
REC Ownership	Customer retains
Installed Technology	Not specified

Authority	2005 ( <a href="#">NCUC Order</a> ), 2009 ( <a href="#">NCUC Order</a> )
System Capacity Limit	1 MW
Standby Charges	Residential systems > 20kW, Non-residential systems > 100kW
Net Excess Generation	Full retail rate credit, Monthly “rollover” Special treatment for Time-of-Use NEG accounting
Net Excess Generation Limit	100% of aggregate consumption
Program Capacity	Not specified
Community Aggregation	Not specified
REC Ownership	Utility owns
Installed Technology	Not specified

Authority	2008 ( <a href="#">S.B. 221</a> ), 2009 ( <a href="#">PUCO Order No. 06-0653-EL-ORD</a> )
System Capacity Limit	No limit specified Hospitals have lax standards
Standby Charges	Not Specified
Net Excess Generation	Unbundled generation rate, Annual reconciliation <sup>1</sup>
Net Excess Generation Limit	Not specified
Program Capacity	No limit, removed in 2008
Community Aggregation	Not specified
REC Ownership	Not specified
Installed Technology	Bi-directional or Dual meter

<sup>1</sup> [01-0573](#). FirstEnergy Corp. v. Pub. Util. Comm., 2002-Ohio-2430. Ruling that deciding compensation at net excess generation at the unbundled generation rate is appropriate.

Authority	2004, 2006 ( <a href="#">PA Code</a> ), 2008 ( <a href="#">PA PUC</a> )		
System Capacity Limit	Micro-Grid	Non-Residential	Residential
	5 MW	3 MW	50 kW
Standby Charges	Not Specified		
Net Excess Generation	Credited at electric suppliers “price-to-compare <sup>2</sup> ” retail rate, Annual reconciliation		
Net Excess Generation Limit	If electric bill decreases by 10%+ in any annual period, the customer must pay stranded costs.		
Program Capacity	Not specified		
Community Aggregation	Virtual aggregation allowed, within two miles of properties		
REC Ownership	Customer retains		
Installed Technology	Bi-directional or Dual meter		

<sup>2</sup> The “price to compare” is the retail rate the PUC uses for customers when evaluating electric suppliers. Available at [www.papowerswitch.com](http://www.papowerswitch.com). It includes generation and transmission components, but not the distribution component.

Authority	2011 (TRA Docket No. 11-00111)
System Capacity Limit	Not specified
Standby Charges	Not specified
Net Excess Generation	Not specified
Net Excess Generation Limit	Not specified
Program Capacity	1% of utility's peak demand
Community Aggregation	Not specified
REC Ownership	Not specified
Installed Technology	Bi-directional meter

Authority	2009 (H.B. 2155), 2011 ( <a href="#">H.B. 1983</a> )	
System Capacity Limit	Non-Residential	Residential
	500 kW	20 kW
Standby charges	Residential systems >10 kW	
Net Excess Generation	Full retail rate credit, Annual reconciliation for annual “rollover” or avoided cost payment.	
	Time-of-Use tariff customers credited value at corresponding time-of-use rates	
Net Excess Generation Limit	100% of aggregated consumption	
Program Capacity	1% utility’s peak demand	
Community Aggregation	Not specified	
REC Ownership	Customer retains	
Installed Technology	Bi-directional meter	

NOTE: The city of Danville (VA) has a separate net metering policy for Danville Utilities

Authority	2006 ( <a href="#">WV Code</a> ), 2010 ( <a href="#">PSC Order No. 258.1</a> )		
System Capacity Limit	Industrial	Commercial	Residential
	2 MW	500 kW	25 kW
Standby Charges	Not specified		
Net Excess Generation	Full retail rate credit, Monthly “rollover”		
Net Excess Generation Limit	Not specified		
Program Capacity	3% of utility’s peak demand		
Community Aggregation	Physical and/or virtual aggregation allowed, within two miles of properties		
REC Ownership	Not specified		
Installed Technology	Bi-directional or Dual meter		