**Statewide Wind Incentives to Replace Old DSIRE**

* WA
  + Commercial and Residential:
    - PBI/FIT: $0.12/kwh, $5000/year cap, 5 year term
      * Expires: 6/30/2020
      * Last DSIRE Update: 3/10/2015
      * Program Name: Renewable Energy Cost Recovery Incentive Payment
      * Link: http://programs.dsireusa.org/system/program/detail/5698
* VT
  + Commercial:
    - State ITC: 7.2% of system cost, 100 kw size limit, no $ cap
      * Expires: 12/31/2016
      * Last DSIRE Update: 6/1/2015
      * Program Name: Investment Tax Credit
      * Link:
* UT
  + Commercial:
    - Production Tax Credit: $0.0035/kwh, 660 kw **minimum** size, 4 year term, no $ cap
    - ----OR----
    - State ITC: 10% of system cost, 660 kw maximum size, $50k cap
      * Expires: >= 10/1/2017 (reviewed every 5 years thereafter)
      * Last DSIRE Update: 4/10/2015
      * Program Name: Renewable Energy Systems Tax Credit (Corporate)
      * Link: http://programs.dsireusa.org/system/program/detail/248
  + Residential:
    - State ITC: 25% of system cost, $2000 cap
      * Expires: >= 10/1/2017 (reviewed every 5 years thereafter)
      * Last DSIRE Update: 4/10/2015
      * Program Name: Renewable Energy Systems Tax Credit (Personal)
      * Link: http://programs.dsireusa.org/system/program/detail/83
* TN
  + Residential and Commercial:
    - PBI: Value of energy credited at retail rate + premium of $0.03/kwh for first 10 years – for years 10-20, valued at only retial rate, 0.5-50kw size range, 20 year term; $1000 up front rebate too
      * Expires: Unspecified
      * Program Name: TVA - Green Power Providers
      * Last DSIRE Update: 6/2/2015
* OR
  + Residential:
    - Production Tax Credit: $2/kwh, 50% of system cost or $1500/year cap, 1 year term
      * Expires: 1/1/2018
      * Program Name: Residential Energy Tax Credit
      * Last DSIRE Update: 11/10/2015
      * Link: http://programs.dsireusa.org/system/program/detail/638
* OK
  + Commercial:
    - Production Tax Credit: $0.0050/kwh, 1 MW minimum size, 10 year term
      * Expires: 12/31/2020
      * Program Name: Zero-Emission Facilities Production Tax Credit
      * Last DSIRE Update: 5/12/2015
      * Link: http://programs.dsireusa.org/system/program/detail/624
* NV
  + Commercial and residential:
    - Production based incentive: $0.043/kwh, 500 kW size limit, 5 year duration, 50% of installed cost
    - Expires: 12/31/2021
    - Program Name: NV Energy - RenewableGenerations Rebate Program
    - Last DSIRE Update: 9/3/2015  
      Link: http://programs.dsireusa.org/system/program/detail/124
* NY
  + Commercial and Residential:
    - Capital Cost Production Based Rebate:
      * Level 1: $3.5/kwh, 10,000 kwh cap, $35k cap
      * Level 2: $1/kwh, 125,000 kwh cap, $150k cap
      * Level 3: $0.30/kwh, 1 million kwh cap
      * Level 4: $0.15/kwh, no kwh cap
      * 2 MW size limit, 50% of system cost or $1 million cap, 1 year term
      * Expires: 12/31/2016
      * Program Name: On-Site Wind Incentive Program
      * Last DSIRE Update: 4/30/2015
      * Link: http://programs.dsireusa.org/system/program/detail/2605
* NH
  + Residential:
    - Capital Cost Rebate: $500/kw, 10 kw max system size, 30% of system cost or $2500 cap
      * Expires: None specified
      * Program Name: Residential Small Renewable Energy Rebate Program
      * Last DSIRE Update: 6/2/2015
      * Link: http://programs.dsireusa.org/system/program/detail/3192
* NE:
  + Commercial and Residential:
    - Production Tax Credit:  $0.0005/kwh, 10 year term
      * Expires: Not specified, total budget of $50k
      * Program Name: Renewable Energy Tax Credit
      * Last DSIRE Update: 6/23/2015
* ND
  + Commercial:
    - State ITC: 15% of system costs, no $ cap
      * Expires: 12/31/2014
      * Program Name: Renewable Energy Tax Credit
      * Last DSIRE Update: 1/5/2016
      * Link: http://programs.dsireusa.org/system/program/detail/532
* NC
  + Commercial:
    - State ITC: 35% of system cost, $2.5 million cap
      * Expires: 12/31/2015
      * Program Name: Renewable Energy Tax Credit (Corporate)
      * Last DSIRE Update: 5/11/2015
      * Link: http://programs.dsireusa.org/system/program/detail/540
  + Residential:
    - State ITC: 35% of system cost, $10,500 cap
      * Expires: 12/31/2015
      * Program Name: Renewable Energy Tax Credit (Personal)
      * Last DSIRE Update: 5/11/2015
* MT
  + Residential:
    - State ITC: 100% of system cost, $1000 cap
      * Expires: None specified
      * Program Name: Residential Alternative Energy System Tax Credit
      * Last DSIRE Update: 6/1/2015
      * Link: http://programs.dsireusa.org/system/program/detail/366
* MD
  + Commercial and Residential:
    - Capital Cost Rebate: $3000/kw, 750 kw size limit, 50% of NET system cost (after other incentives) or $100,000 cap
      * Expires: None specified
      * Program Name: Windswept Grant Program
      * Last DSIRE Update: 6/24/2015
      * Link: http://programs.dsireusa.org/system/program/detail/2792
    - State PTC: $0.0085/kwh, 5 year term, 23,530 kWh minimum AEP, $2.5 million cap
      * Expires: 12/31/2015
      * Program Name: Clean Energy Production Tax Credit
      * Last DSIRE Update: 1/8/2016
      * Link: http://programs.dsireusa.org/system/program/detail/1830
* MA
  + Residential:
    - State Income Tax Credit: 15% of system cost, $1000 cap
      * Expires: None specified
      * Program Name: Residential Renewable Energy Income Tax Credit
      * Last DSIRE Update: 6/1/2015
      * Link: http://programs.dsireusa.org/system/program/detail/144
* KY
  + Commercial:
    - State ITC: 30% of system cost, $1000 cap
      * Expires: 12/31/2015
      * Program Name: Renewable Energy Tax Credit (Corporate)
      * Last DSIRE Update: 12/1/2015
      * Link: http://programs.dsireusa.org/system/program/detail/2938
  + Residential:
    - State ITC: 30% of system cost, $500 cap
      * Expires: 12/31/2015
      * Program Name: Renewable Energy Tax Credit (Personal)
      * Last DSIRE Update: 4/24/2015
      * Link: http://programs.dsireusa.org/system/program/detail/2931
* IL
  + Commercial:
    - Capital Cost Rebate: $1750/kw, 100 kw size limit, 30% of system cost or $20k cap
      * Expires: 10/10/2014
      * Program Name: Solar and Wind Energy Rebate Program
      * Last DSIRE Update: 3/26/2015
      * Link: http://programs.dsireusa.org/system/program/detail/585
  + Residential:
    - Capital Cost Rebate: $1750/kw, 100 kw size limit, 30% of system cost or $10k cap
      * Expires: 10/10/2014
      * Program Name: Solar and Wind Energy Rebate Program
      * Last DSIRE Update: 3/26/2015
* ID
  + Residential:
    - State Incentive Tax Deduction: 100% of system cost, $20k cap
      * Expires: None specified
      * Program Name: Residential Alternative Energy Tax Deduction
      * Last DSIRE Update: 12/18/2015
      * Link: http://programs.dsireusa.org/system/program/detail/137
* CA
  + Commercial and Residential:
    - Incremental Capital Cost Rebate:
      * Level 1: $1070/kw, 1 MW size limit
      * Level 2: $535/kw, 2 MW size limit
      * Level 3: $267.5/kw, 3 MW size limit
      * 30% of system cost or $5 million cap
      * Start Date: 1/26/2015
      * Expires: 1/1/2021
      * Program Name: Self-Generation Incentive Program
      * Last DSIRE Update: 2/18/2015
      * Link: http://programs.dsireusa.org/system/program/detail/552
* AZ
  + Commercial:
    - State ITC: 10% of system cost, $25,000 cap
      * Expires: 12/31/2018
      * Last DSIRE Update: 6/17/2015
      * Program Name: Non-Residential Solar & Wind Tax Credit (Corporate)
      * Link: http://programs.dsireusa.org/system/program/detail/1661
  + Residential:
    - State ITC: 25% of system cost, $1000 cap
      * Program Name: Residential Solar and Wind Energy Systems Tax Credit
      * Expires: None specified
      * Last DSIRE Update: 6/17/2015
      * Link: http://programs.dsireusa.org/system/program/detail/118

**No Incentives Found - Discrepancy with PNNL:**

* TX
* NM
* IA
* NJ
* IA
* MT
  + Commercial:
    - State ITC: 35% of system cost, only applies to investments of at least $5,000
    - Expires: None specified
    - Program Name: Alternative Energy Investment Tax Credit (Corporate)
    - Last DSIRE Update: 6/1/2015
* DE
  + Commercial:
    - State Incremental Capital Cost Rebate:
      * Level 1: $850/kw, 5 kw size limit
      * Level 2: $250/kw, 50 kw size limit
      * $24k total cap
  + Residential:
    - State Incremental Capital Cost Rebate:
      * Level 1: $550/kw, 5 kw size limit
      * Level 2: $200/kw, 50 kw size limit
      * $15k total cap

**Needs to Be Reviewed Again for Applicability or Accuracy**

* FL may have a PTC, but it doesn’t appear to apply to BTM applications?
* HI
  + Commercial:
    - State ITC: 20% of system cost, $500k cap
  + Residential:
    - State ITC: 20% of system cost, $1500 cap

**Not Quite Statewide:**

* OR
  + Commercial and Residential:
    - Capital Cost Production Based Rebate:
      * Level 1: $5/kwh, 9500 kwh cap
      * Level 2: $1.75/kwh + $47,500 one time payment, 9500 kwh energy minimum, 1 million kwh cap
      * 50 kw size limit, 50% of system cost cap, 20-50 m hub heights allowed, 1 year term
      * Capped to ensure total of all incentives <= 50% of system cost (including PTC, Federal ITC, etc.)
      * Start Date: 1/26/2015
      * Expires: Unspecified
      * Program Name: Small Wind Incentive Program
      * Last DSIRE Update: 6/4/2015
      * Link: http://programs.dsireusa.org/system/program/detail/2791

**Other questions:**

* Lots of sales tax and property tax exemptions occur, but since we don’t account for those things, there’s no way to apply them in the model

**States with feed in tariffs and**

**Feed in tariffs vs NEM explained:**

http://energyinformative.org/net-metering-feed-in-tariffs-difference