

Appendix E. Summary of State “Net Metering” Programs (As of November 1998)

State	Allowable Fuel Type	Allowable Customers	Allowable Capacity	Pricing Policy	Source of Authority	Enacted	Citation / Reference
Arizona	Renewables & cogeneration	All customer classes	≤ 100 kW	NEG ^(*) purchased at avoided cost	Arizona Corporations Commission	1981	Corp. Comm. Decision No. 52345
California	Solar and wind	Residential and commercial	≤ 10 kW	NEG purchased at avoided cost; NEG carried over month-to-month; any residual NEG at end of year is “granted” to the utility	California Legislature	1995 1998	Public Utilities Code § 2827 A.B. 1755
Colorado	All resources	All customers	≤ 10 kW	NEG carried over month-to-month	Public Service Company of Colorado	1994	Advice Letter 1265; Decision C96-901
Connecticut	Renewables & cogeneration	All customer classes	≤ 50 kW for cogeneration; ≤ 100 kW for renewables	NEG purchased at avoided cost	Department of Public Utility Control	1990	CPUCA No. 159
Idaho	Renewables & cogeneration	Residential and small commercial	≤ 100 kW	NEG purchased at avoided cost	Public Utilities Commission	1980	ID PUC Orders No. 16025 (1980); 26750 (1997)
Indiana	Renewables & cogeneration	All customer classes	≤ 1,000 kWh/month	<u>No</u> purchase of NEG; excess is “granted” to the utility.	Indiana Utility Regulatory Commission	1985	170 IN Admin Code § 4-4.1-7
Iowa	Renewables	All customer classes	No limit	NEG purchased at avoided cost	Iowa Legislature and Iowa Utilities Board	1983	Utilities Division Rules § 15.11(5)
Maine	Renewables & cogeneration	All customer classes	≤ 100 kW	NEG purchased at avoided cost	Public Utilities Commission	1987	Code Me. R. Ch. 36, § 1(A)(18) & (19), § 4(C)(4)
Maryland	Solar <u>only</u>	Residential <u>only</u>	≤ 80 kW	NEG carried over to following month; otherwise not specified	Maryland Legislature	1997	Art. 78, Sec. 54M
Massachusetts	Renewables & cogeneration	All customer classes	≤ 60 kW	NEG purchased at avoided cost	Massachusetts Legislature	1997	Mass. Gen. L. ch. 164, § 1G(g); Dept. of Tel. & Energy 97-111
Minnesota	Renewables & cogeneration	All customer classes	< 40 kW	NEG purchased at “average retail utility energy rate”	Minnesota Legislature	1983	Minn. Stat. § 261B.164(3)
Nevada	Solar and wind	All customer classes	≤ 10 kW	NEG purchased at avoided cost; annualization allowed	Nevada Legislature	1997	Nev. Rev. S. Ch. 704
New Hampshire	Solar, wind & hydro	All customer classes	≤ 25 kW	PUC may require ‘netting’ over 12-month period; retailing wheeling allowed for up to 3 customers	New Hampshire Legislature	1998	H.B. 485
New Mexico	Renewables & cogeneration	All customer classes	≤ 100 kW	Either single meter with <u>no</u> purchase of NEG; or dual meter with NEG purchased at avoided cost	Public Utility Commission	1988	NM PUC Rule 570
New York	Solar <u>only</u>	Residential <u>only</u>	≤ 10 kW	NEG credited to following month; unused credit is granted to utility at end of 12-month period	New York Legislature	1997	Public Service Law § 66-j
North Dakota	Renewables & cogeneration	All customer classes	≤ 100 kW	NEG purchased at avoided cost	Public Services Commission	1991	North Dakota Admin. Code § 69-09-07-09
Oklahoma	Renewables & cogeneration	All customer classes	≤ 100 kW <u>and</u> annual output ≤ 25,000 kWh	<u>No</u> purchase of NEG; excess is “granted” to the utility.	Corporations Commission	1990	Schedule QF-2

Pennsylvania	Renewables <u>only</u>	All customer classes	≤ 50 kW	NEG purchased at wholesale rate	Philadelphia Electric Company	<1996	PECO Rate R-S, Supp. 5 to PA Tariff PUC No. 2, Page 43A
Rhode Island	Renewables & cogeneration	All customer classes	≤ 25 kW for larger utilities; ≤ 15 kW for smaller utilities	NEG purchased at avoided cost	Public Utilities Commission	1985	Supplementary Decision and Order, Docket No. 1549
Texas	Renewables <u>only</u>	All customer classes	≤ 50 kW	NEG purchased at avoided cost	Public Utilities Commission	1986	PUC of Texas, Substantive Rules, § 23.66(f)(4)
Vermont	Solar, wind, fuel cells using renewable fuel, anaerobic digestion	Residential, commercial, and agricultural customers	≤ 15 kW, except ≤ 100 kW for anaerobic digesters	NEG carried over month-to-month; any residual NEG at end of year is "granted" to the utility	Vermont Legislature	1998	H. 605
Washington	Solar, wind and hydropower	All customer classes	≤ 25 kW	NEG credited to following month; unused credit is granted to utility at end of 12-month period	Washington Legislature	1998	House Bill 2773
Wisconsin	All Resource	All retail customers	≤ 20 kW	NEG purchased at retail rate for renewables, avoided cost for non-renewables	Public Services Commission	1993	Schedule PG-4

* "NEG" refers to the "net excess generation" of electricity by the customer-generator (i.e., generation exceeds consumption) during the billing period.

Summary of State “Net Metering” Programs (Proposed)

State	Allowable Fuel Type	Allowable Customers	Allowable Capacity	Pricing Policy	Source of Authority	Proposed	Citation / Reference
Connecticut (enacted) [replaces existing rule after 1/1/2000]	Solar, wind, hydro, fuel cell, sustainable biomass	Residential <u>only</u>	No limit	Not specified	Connecticut Legislature	1998	Public Act 98-28
Hawaii (pending)	Solar <u>only</u>	All customer classes	≤ 250 kW	NEG carried over month-to-month; any residual NEG at end of year is “granted” to the utility	Hawaii Legislature	1998	H.B. No. 3410
Iowa (not enacted) [amends existing rule]	Solar, wind, biomass or hydropower	All customers	No limit	NEG carried over month-to-month; any residual NEG at end of year is purchased at avoided cost	Iowa Legislature	1998	S.F. 2390
Illinois (pending)	Solar and wind	All retail customers	≤ 40 kW	NEG carried over month-to-month; any residual NEG at end of year is purchased at avoided cost	Illinois Legislature	1998	S.B. 1228
Maine (not enacted) [amends existing rule]	Renewables <u>only</u>	All customer classes	≤ 100 kW	NEG purchased at avoided cost	Maine Legislature	1997	L.D. 2043
Nebraska (not enacted)	Wind & biomass	All customer classes	No limit	Not specified	Nebraska Legislature	1997	LB501
Puerto Rico (pending)	Renewables <u>only</u>	Residential customers	≤ 50 kW	NEG carried over month-to-month; any residual NEG at end of year is purchased at avoided cost	Puerto Rico Legislature	1998	[TBD]

Source: Tom Starrs, Kelso & Starrs, for the National Wind Coordinating Committee, www.nationalwind.org/windrel/windrel.htm.