

# Qualitätskennzeichnung von Strom - Analyse und Bewertung möglicher Nachweisverfahren

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DPG-Tagung in München, 25.03.2004

# Beispiel zur Stromkennzeichnung

**Uniform Disclosure Information Label**  
**Electricity Facts**

For Medium and Large Non-Residential Customers of Standard Offer Service within  
Maine Public Service Company's Service Territory

July 2002

Generation Price					
Average price per KWh at different levels of use. Prices do not include regulated charges for customer service and delivery.	Average Use per Month	1,000 KWh	10,000KWh	20,000 KWh	40,000 KWh
	Medium Non-Residential		5.732Cents	5.732Cents	5.732Cents
	Average Use per Month	1,000 KWh	10,000 KWh	20,000 KWh	40,000 KWh
	Large Non-Residential		6.130 Cents	6.130 Cents	6.130 Cents

Your average generation price may vary according to when and how much electricity you consume. See your most recent bill for your monthly use.

<b>Contract</b>	The prices and terms of <b>Standard Offer Service</b> are regulated by the <b>Maine Public Utilities Commission</b> . The above generation prices are scheduled to remain in effect until March 1, 2003. <b>WPS Energy Services</b> is the current provider for customers taking Standard Offer Service.
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Power Sources					
This Electricity product was assigned generation from the following sources.	Power Sources	%	Power Sources	%	
		Biomass	33	Coal	12
		Hydro	13	Nuclear	13
		Natural Gas	8	Solar	0
		Oil	19	Other Renewables	0
		Wind	0	Municipal	2

<b>Air Emissions</b>	<p>Carbon dioxide (CO<sub>2</sub>), nitrogen oxide (NO<sub>x</sub>), and sulfur dioxide (SO<sub>2</sub>) emission rates from these sources relative to the regional average.</p> <p style="text-align: center;">Regional Average – Maritimes Control Area</p> <p style="text-align: center;">Lower Emissions                      Higher Emissions</p>
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**Notes**

- The power source and air emissions information is based on 2001 data.
- See reverse side for further information.
- You may also call WPS Energy Services at 1-877-838-0454 or the Maine Public Utilities Commission at 1-877-782-3228 for more information regarding these facts.

Preisinformationen

Vertragsinformationen  
Energieträgermix

Umweltinformationen

# Produktkennzeichnung

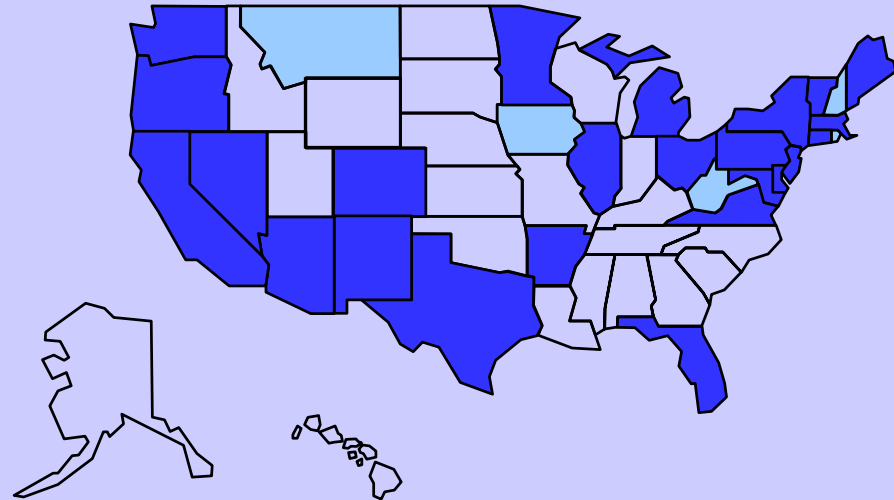
- von anderen Branchen her bekannt
  - Arzneimittel
  - Tabakwaren
  - Textilien
  - Lebensmittel



- aus ökonomischer Theorie gefordert
  - unvollständige Informationen haben intransparente Märkte zur Folge

# Bereits existierende Stromkennzeichnungs-Systeme

- USA (z. T.)
- Ontario
- Österreich



## Planungen in

- Australien,
- den Niederlanden,
- der Schweiz

■ Kennzeichnung eingeführt  
■ Kennzeichnung geplant

# Optionen vs. EU-Richtlinie

## Ausgestaltungsoptionen

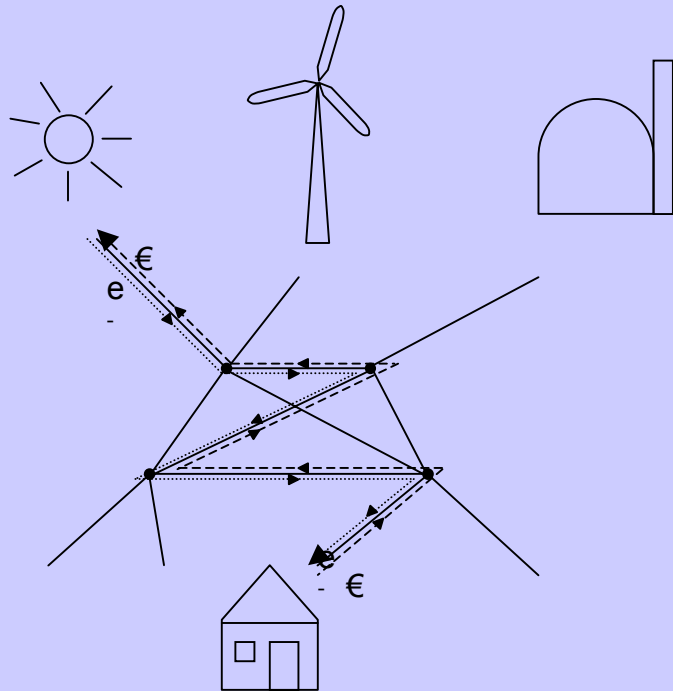
- Grad der Verbindlichkeit: freiwillig/verpflichtend
- Bezugspunkt: Unternehmen/Produkt
- Bezugszeit: ex ante/ex post
- Veröffentlichung
- Darstellung
- Nachweisverfahren

## Forderungen der Richtlinie

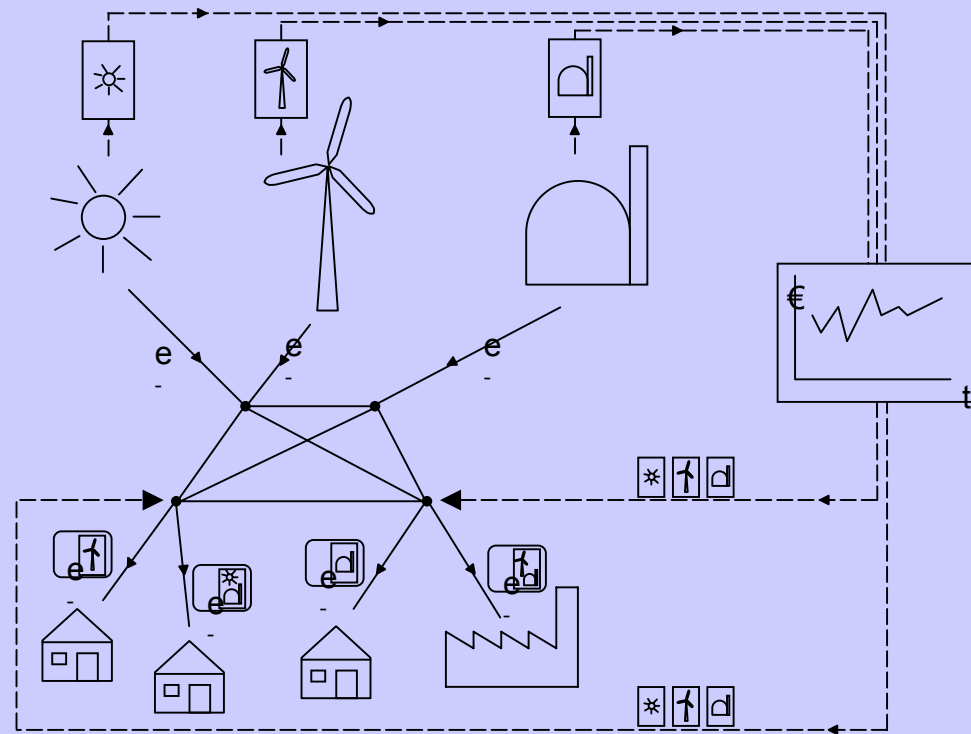
- Unternehmensportfolio
- ex-post-Kennzeichnung
- Auftreten: Rechnungen, Werbematerial
- Energieträgermix, Verweis auf CO<sub>2</sub>-Emissionen und nukleare Abfälle
- Tracking-System obliegt Mitgliedstaaten

# Nachweisverfahren

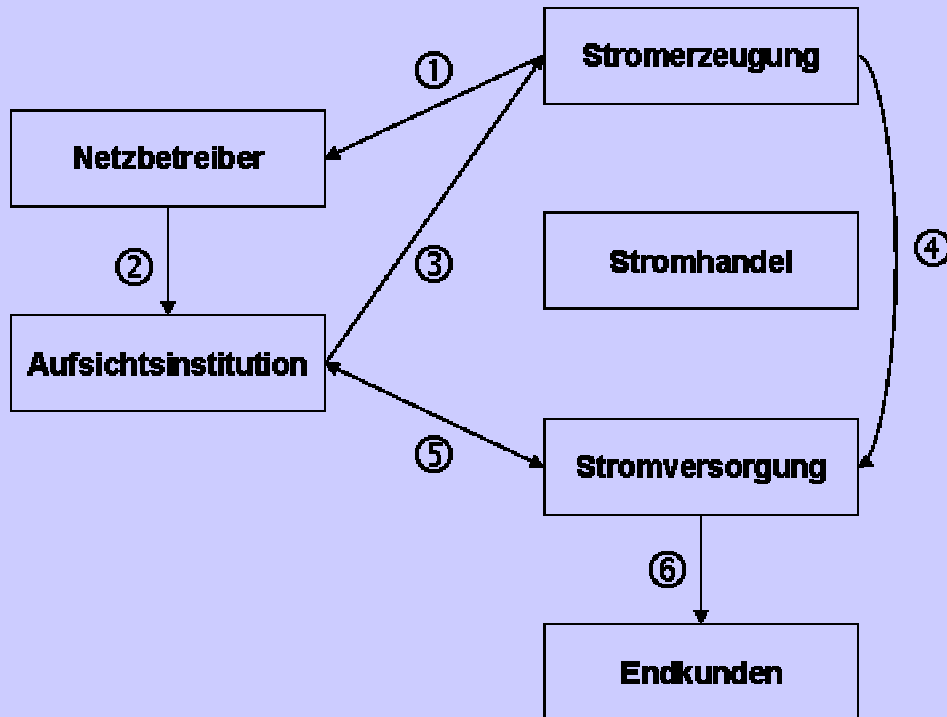
## Finanzielles Tracking



## Zertifikatsbasiertes Tracking



# Modell für Deutschland



- ① Einspeisung Strom
- ② Meldung Strommengen
- ③ Zuteilung Zertifikate
- ④ Zertifikatshandel
- ⑤ Meldung/Kontrolle
- ⑥ Übermittlung Kennzeichnung

# Zu guter Letzt...

## Weitere Informationen:

<http://www.oeko.de/service/stromlabel>

<http://www.electricitylabels.com>

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"Once and for all I want to know what I'm paying for. When the electric company tells me whether light is a wave or a particle I'll write my check." © 2001 by Sidney Harris – Scientific American