Procel
Programa Nacional de Conservação de Energia Elétrica

2017 Outcomes / 2019 Plan

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Ministério de Minas e Energia
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São Paulo

Mission:

To promote Energy Efficiency, contributing to the improvement of quality of life and the efficiency of goods and services, reducing environmental impacts.
Savings of 21.2

• 4.57% of total consumption in Brazil
• Annual consumption of 11.25

ÁREAS DE ATUAÇÃO

- Buildings
- Industry
- Street Lighting
- Sewage
- Education
- Structuring Studies
- Information
- Procel Seal
- Energy management in Municipalities
- Marketing

R$ 2,97 bi invested since 1986
Resultados Históricos

Energy Savings 1986 to 2017

128,6 Billions of kWh

Residencial Use

- 2013: 7,8%
- 2014: 8,0%
- 2015: 8,9%
- 2016: 11,4%
- 2017: 15,8%

Total consumption

- 2013: 4,57%
- 2014: 3,29%
- 2015: 2,50%
- 2016: 2,20%
- 2017: 4,57%

CO2 avoided (1000 tCO2e)

- 2013: 935
- 2014: 1.425
- 2015: 1.453
- 2016: 1.238
- 2017: 1.965

Thousands of vehicles equivalent

- 2013: 321
- 2014: 489
- 2015: 499
- 2016: 425
- 2017: 675
Aberta audiência pública sobre o Plano Anual de Recursos do Procel

Energia que se faz presente.
Programa Aliança 2.0

24 new energy intensive plants

Pilot Project involving CAPEX, in one plant

Quantification of the Aliança 1.0 outcomes

Act on processes as a differential, besides motor systems
Two Segments in the Industry Sector

- 120 mid-size and big industries
- Financial issues → studies
- Capacity Building of 100 specialists in EC in compressed air systems
- 120 energy audits, with implementation and M&V. Opportunities in Distributed Generation
- Recommendations to implement EM Systems based on ISO 50001 and publication of the outcomes

- 50 SMEs → same approach
  - Capacity building
  - Marketing campaign
  - Assessment
  - ISO 50001
Impact Evaluation on Refurbished Motors and their performance

Energy Audits in thermal systems

Brasil + Produtivo Eficiência Energética – Phase 2

Creation of new Centres of Excellence in Industry EE in Brazil

Solar Thermal in one Industry Sector
Public Consultation

Procel Plan 2018/2019

THANK YOU

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