

ENEL 2001 ENVIRONMENTAL REPORT

Enel's commitment to emissions' reduction and the improvement of power plant efficiency continues

- **CO₂ EMISSIONS REDUCED BY 4% FROM 2000;
DOWN 11% SINCE 1990**
- **SO₂ AND NO_x EMISSIONS DOWN 11% AND DUST-PARTICULATES
DOWN 21% FROM 2000. SO₂ EMISSIONS DOWN 59% AND NO_x
DOWN 71% FROM 1990**
- **NEW WIND AND GEOTHERMAL PLANTS IN 2002**

Rome, September 25, 2002 – With the participation of Italian Environment Minister Altero Matteoli and Enel Chairman Piero Gnudi, Enel today presented its 2001 Environmental Report. The report lists the Group's achievements in emissions' reductions and the improvement of power plant efficiency.

"The results of Enel's Environmental Report demonstrate the company's commitment to sustainable development," Gnudi noted. "To further improve, we must complete the restructuring and enhancement of power plants for a capacity of about 10,000 MW, significantly reducing both their environmental impact and the total fuel bill," he said.

"From this year, Enel will also prepare a Sustainability Report integrating the data and information contained in the parent company, social and environmental reports. It will include all the initiatives taken by the Group so as to provide a transparent report to stakeholders, with the aim of melding the creation of value with social responsibility," Gnudi concluded.

In 2001, emissions of **SO₂** and **NO_x** were **reduced** by about **11%** compared with 2000, while those of dust-particulates were **cut** by **21%** compared with a year earlier.

CO₂ emissions, a contributor to global warming, have **fallen by 11%** since 1990, in line with Italy's commitment to the Kyoto Protocol which sets a CO₂ reduction target of 6.5% for the period 1990-2010. Compared with 2000, CO₂ emissions **fell** by **4%**.

In the context of the voluntary emissions' credits trading program PERT (Pilot Emission Reduction Trading), Enel completed one of the biggest international transactions of **emissions credits**, selling **over 1 million tons**.

Regarding **industrial waste**, in particular gypsum and ash, **recovery** is almost **total**.

Enel's commitment to producing electricity with a mix of fuels that is less expensive, more efficient and more environmentally friendly will be realized through a 3 billion euro investment plan for the conversion of 5,000 MW to coal and orimulsion, and a further 5,000 MW to combined cycle gas (with work already begun at La Casella, Porto Corsini, Pietrafitta, Priolo Gargallo, Termini Imerese and Torrevaldaliga Sud).

These new plants, in addition to existing hydro, coal and orimulsion power plants, will bring the portion of energy produced by Enel with low cost fuels from the present 50% to 75% by 2007.

Greater plant efficiency and the application of new filtration systems have already led to more coal use and less fuel oil, and have brought excellent results, as shown by the reduction of emission levels. Sixteen power plants have received **environmental certification** (ISO 14001 and EMAS), equal to **41% of total production capacity**.

Data relating to worker health and safety show a reduction in the number of accidents, in part thanks to the introduction of international OHSAS 18001 management standards.

In 2002, the production of electricity from renewable energy was boosted by the addition of two new geothermal power plants, the renewal of four existing ones and two new wind farms for a total 160 MW.

Enel also supports electrification projects in developing countries - aimed at sustainable development - through the *E7* (the international organization that groups the major utilities of the G7). Enel is a G7 member alongside EDF, AEP, Hydro Québec, Kansai, Ontario Power Generation, RWE, Tepco and Scottish Power. During the last *World Summit on Sustainable Development*, held in Johannesburg, the *E7* was recognized for its electrification projects in Indonesia.

To learn more about the Enel Group's activities in the environmental field, and to access a comprehensive collection of documents on environmental issues, go to *Canali Ambiente e Natura* at www.enel.it.



Enel's 2001 Environmental Report was submitted for verification to certification company The IT Group Infrastructure & Environmental Italia srl.

News Release

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