

Perlengkapan Sistem Tenaga Listrik

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Inefficiency Problem ...

Energy Losses
(susut energi)

Angka susut energi PLN
se Indonesia tahun 2003:

16,84%

Sebagai perbandingan:

*Filipina 15,25%, Malaysia 12,2%,
dan Thailand sekitar 6,5%.*

Susut energi 16,8% terdiri atas:

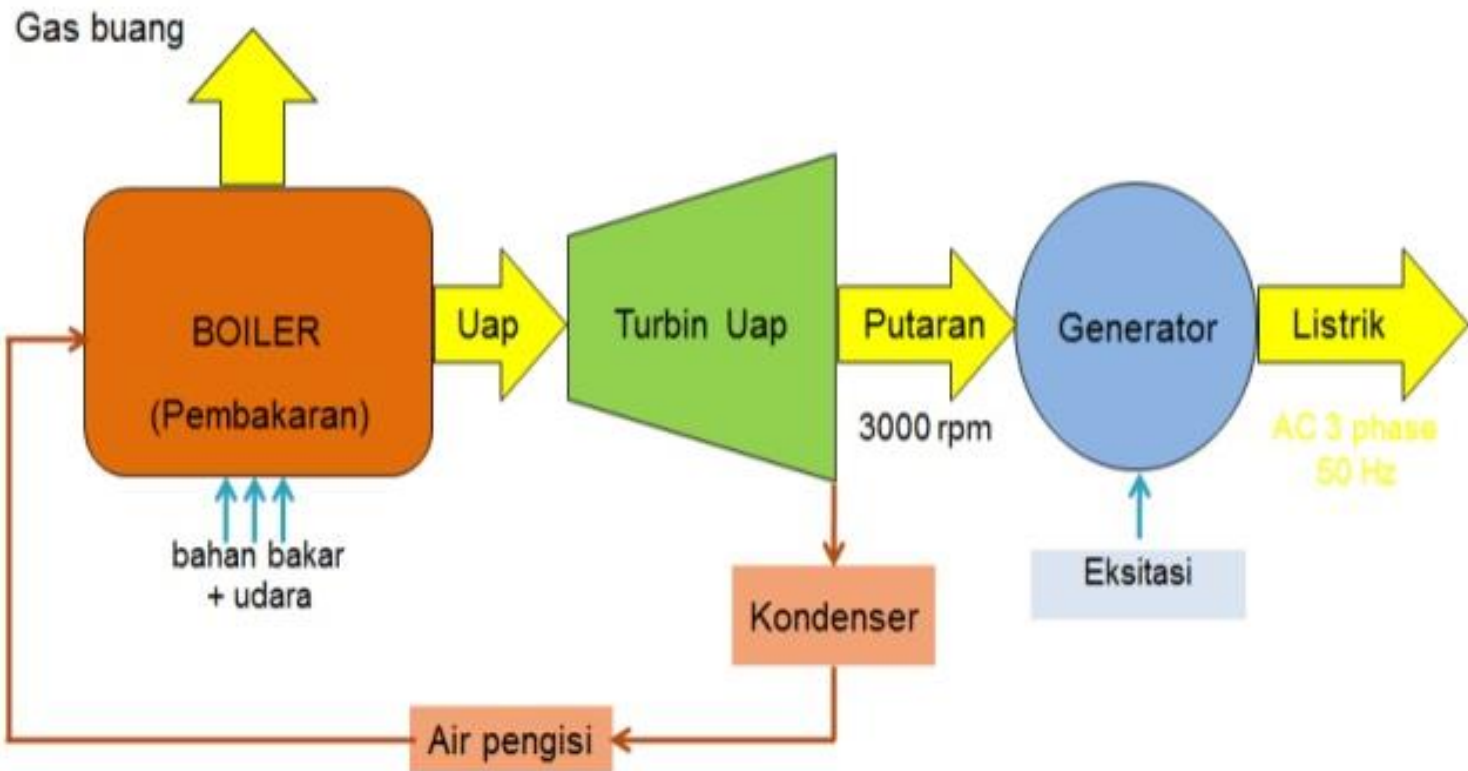
- Susut transmisi: 2,37%
- Susut distribusi: 14,47%, yaitu:
 - susut teknis 9,31%
 - susut nonteknis 5,16%

Susut energi berdampak
langsung pada kondisi
ekonomi PLN maupun
pelanggan

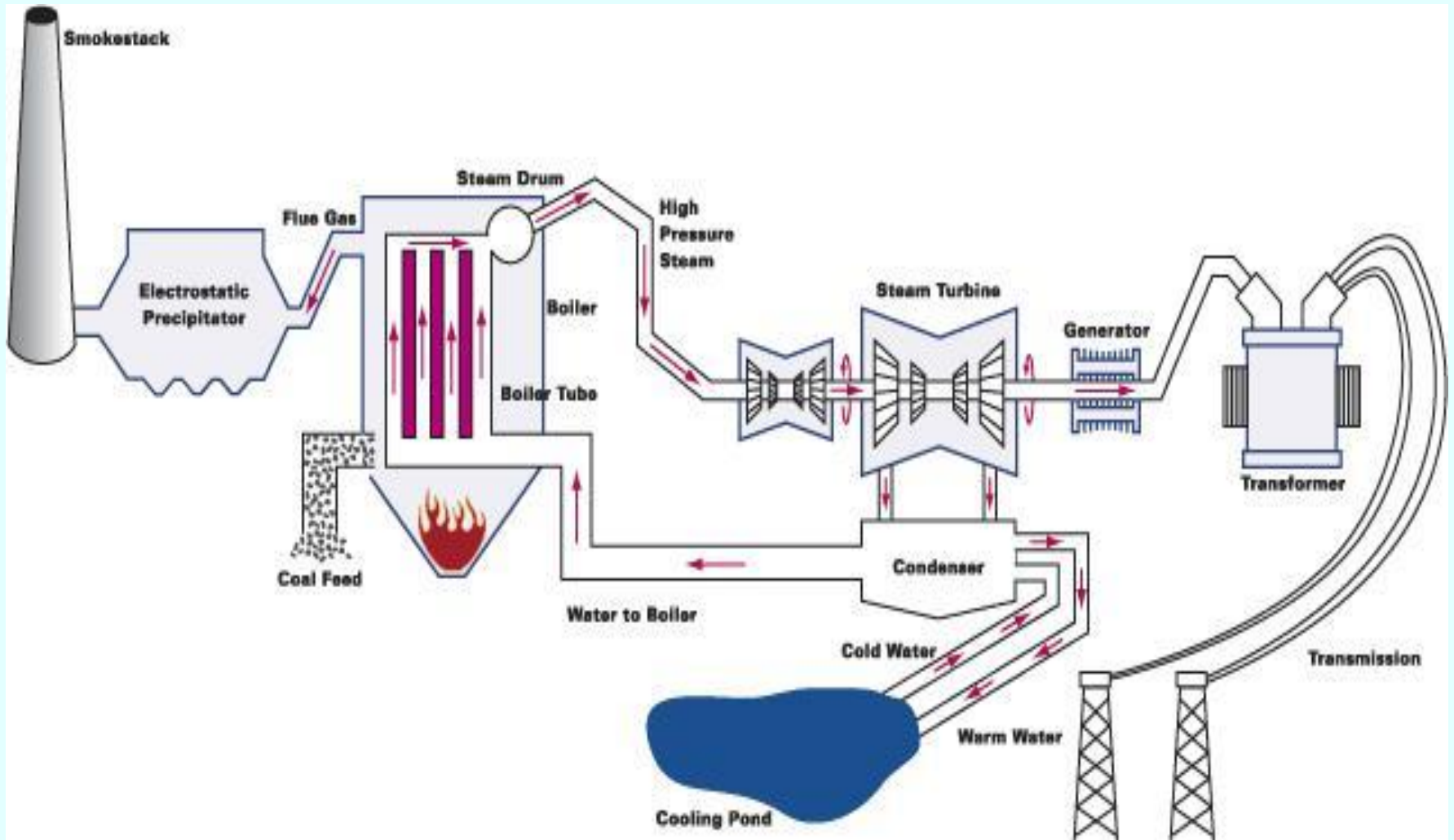
- Sebagai ilustrasi, tahun **2003** pendapatan PLN dari penjualan tenaga listrik sebesar **49,8 triliun**, ditambah subsidi pemerintah sebesar **3,54 triliun**.
- Ini berarti setiap 1% penurunan susut energi nonteknis maka pendapatan PLN bertambah sekitar **498 miliar**.

- Seandainya susut energi PLN hanya **12%**, maka ada tambahan pendapatan PLN sekitar **2,4 triliun**, sehingga dapat digunakan untuk investasi tambahan pembangkit atau jaringan, ataupun menunda keperluan menaikkan tarif listrik.

PRINSIP KERJA PLTU

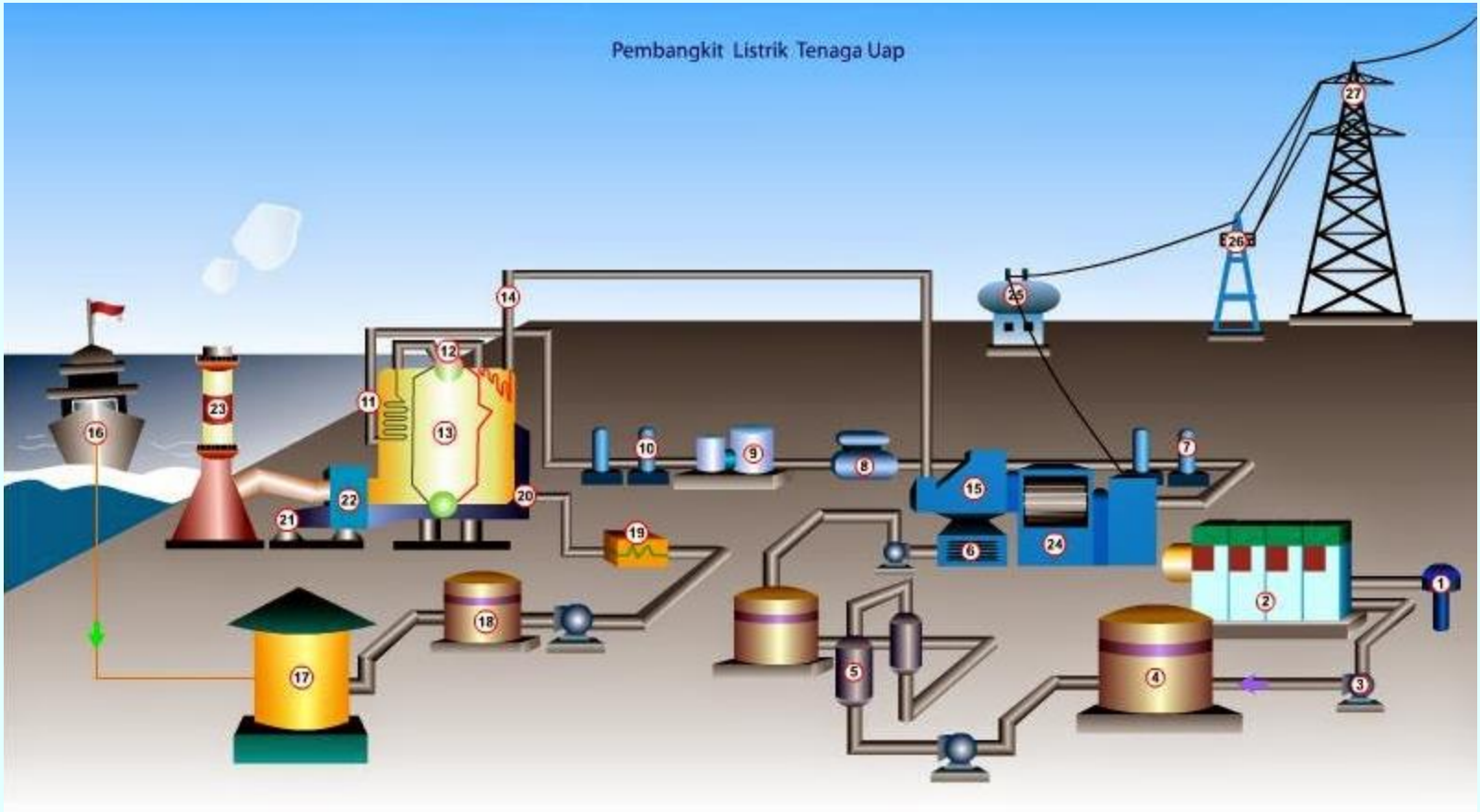


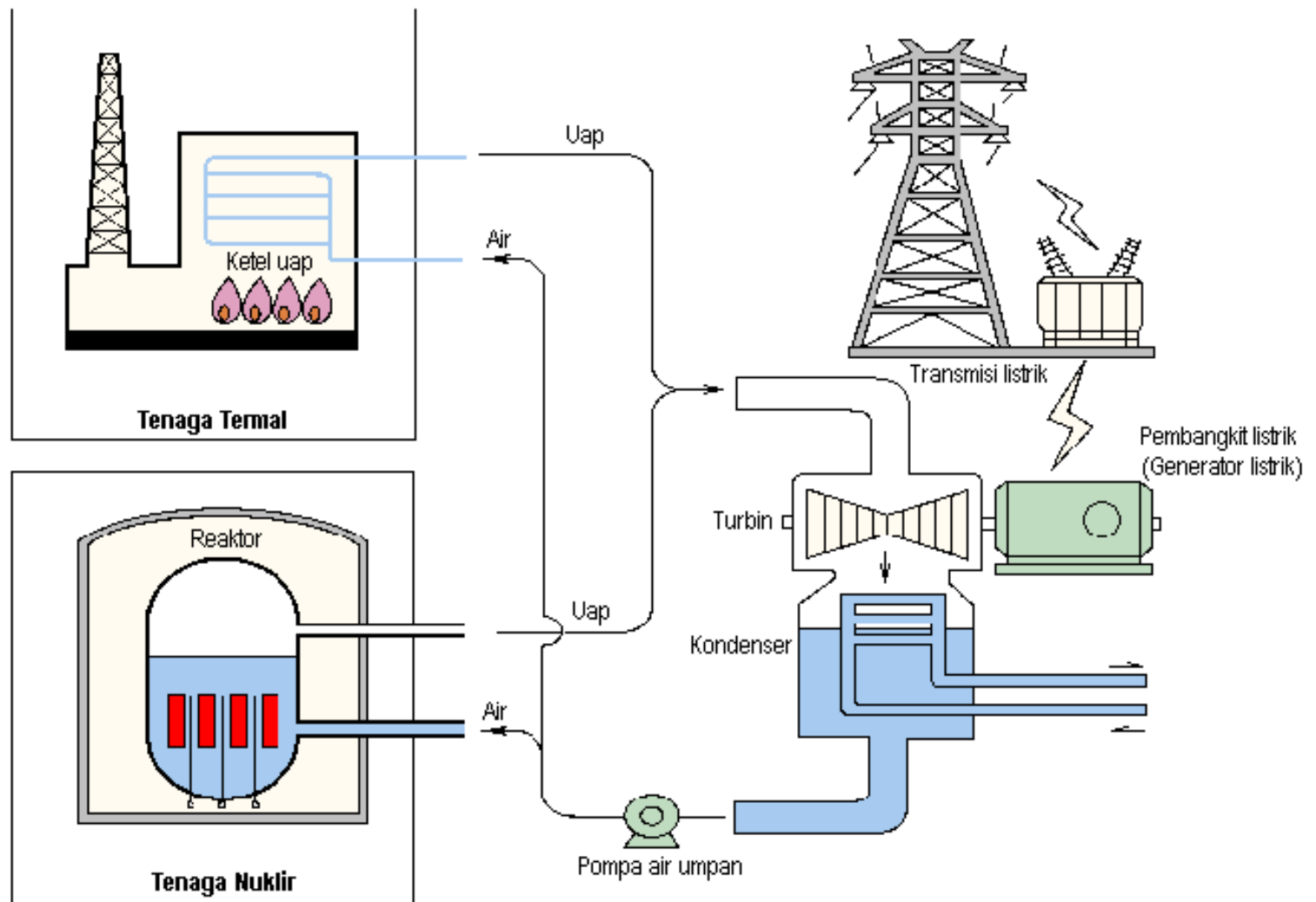
PLTU



10/16/2016

Pembangkit Listrik Tenaga Uap





Perbedaan prinsip kerja PLTU dan PLTN

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Terima Kasih