Current Status: Targets

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The simplest question in this part is that of the current status regarding the three targets of the *Energiewende*, as described in the first part. It can be answered on the basis of objective data.

11.1 Target 1: Shutdown of Nuclear Power Plants

The successive shutdown of the remaining operational nuclear power plants has a fixed schedule and so far is proceeding as planned (Table 11.1). The last milestone was reached in June 2015 with the shutdown of the nuclear power plant Grafenrheinfeld in Bavaria (actually 6 months earlier than planned).

11.2 Target 2: Expansion of Renewable Energies

The planned milestone for RE expansion has clearly been achieved, indeed even exceeded (Table 11.2).

11.3 Target 3: Increase in Electricity Efficiency

Electricity efficiency (GDP/gross electricity consumption) in 2015 was around 9% higher than in 2010. This improvement is slightly greater than the intended increase rate of 1.6% per year (Table 11.3).

Table 11.1 Nuclear power plants in Germany in 2015

	Plan 2015	Actual 2015	2016
Power plant capacity (GW)	11	11	11
Number of power plants	8	8	8

[1, 2]

Table 11.2 Renewable energy sources in Germany in electricity generation in 2015

	Plan 2015	Actual 2015	2016
RE capacity (GW)	88	97	102
Quantity of RE electricity (TWh)	167	187	188

Planned values = [1], scenario 2011A, rounded; [3, 4]

Table 11.3 Electricity efficiency in Germany (= GDP/gross electricity consumption) in 2015

	2010	Plan 2015	Actual 2015	2016
Electricity efficiency (€/kWh)	4.3	+ 8%	+ 9%	+ 11%

GDP at 2010 prices; 2010 = average for the years 2009–2011; [1, 3, 5]

References

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