



CALCULATION AND REPORTING OF SAVING TARGETS

As of November 2021

For networks established during the first phase of the initiative (until the end of 2020), the previous regulations for the calculation and reporting of saving targets continue to apply after 2021. For networks established in the second phase (since 2021), the regulations have been reviewed and modified.

Within the framework of the networks' initiative, the participating companies commit to define and notify a common network goal for increasing energy efficiency. In addition, as an option, a climate action goal can be reported as well.

REPORTING OF SAVING TARGETS

The networks have the possibility to notify saving targets when they register on the initiative's [website](#). However, savings targets are often defined later during the working process of the networks. As soon as all savings targets are defined, the network contact person (network operator or moderator) communicates the network's common savings goals to the initiative's office via [e-mail](#). The savings goals should be reported no later than one year after network's start. The goals are non-binding and are used by the initiative only to evaluate its success.

Once the savings goals have been reported, the network's contact person receives a certificate of participation for each network participant by physical mail. This document is, signed by both, the minister for economy and the minister for environment. If necessary, as long as the certificates have not been generated yet, the network goals can still be modified.

In addition, and independently from the above goal reporting process, at the end of the network running time, the network' contact person informs the monitoring institute of the initiative about the implemented energy efficiency measures and, if applicable, climate action measures as well. This way, the institute assess the contribution of the network to the energy and climate action targets of the federal Government of Germany. An exchange with the monitoring institute, e.g. in case of questions, is possible at any time via multiple channels.

E-mail: monitoring-reen@adelphi.de

Phone: (030) 89 000 68-858

CALCULATING NETWORK SAVING TARGETS

Once implemented, the measures lead to energy and greenhouse gas savings. In line with the annually logic of other instruments of the German National Action Plan on Energy Efficiency (NAPE), network goals are defined as annually savings. To calculate them, each network participant first defines its individual savings goals. To do so, they sum up the energy and, if applicable, greenhouse gas savings of all planned measures. To determine the common network goal the savings effects of the measures defined by each participating company are aggregated. This common goal is the one to be reported to the initiative office.

To calculate annual savings, the expected effects of all measures of all network participants are added up. The exact date of implementation is not relevant as long as it takes place within the running time of the network. The increase in efficiency is defined as energy savings in MWh/a (final energy), climate action targets are defined, in turn, in t CO₂e/a¹.

¹ CO₂e = CO₂ equivalents



PLANNED MEASURES		ENERGY SAVINGS AFTER END OF TERM	THG-SAVINGS AFTER END OF TERM
		(MWh/a)	(tCO2e/a)
Enterprise 1	Replacement of old lighting by LED	17.5	9.4
	Windows' renovation	20	4,0
Enterprise 2	Installation of LED lightning	14	7.5
	District heating connection	33.6	6.8
Enterprise 3	Steam boiler renovation	20	4.0
Enterprise 4	Cooling medium replacement from HFCs to halogen-free alternatives	0	10.0
	Sum	105.1	41.8

Figure: Calculation example for determining the energy saving and climate action goals of a network