

Allocatie 2.0

Why Allocatie 2.0?

Towards a future-proof energy system

The Netherlands is committed to a sustainable energy transition. But this is only possible with a flexible energy system. A system where demand and sustainable supply have been effectively coordinated, where market parties are charged based on actually measured energy flows, and where end users are encouraged to adapt their consumption. Allocatie 2.0 will allow us to work with a flexible energy system, which can be both sustainable and future-proof. The energy market will thus work more effectively, and processes will be more transparent, honest and efficient. From a public perspective, the investment will be more than worthwhile.

Why Allocatie 2.0?

From uncertain assumptions ...

It is important for demand and supply in the electricity market to be in equilibrium. As national grid operator, TenneT is responsible for safeguarding the energy balance. Balance responsible parties are responsible for balancing their portfolios. They are allocated amounts of electricity during the allocation process. The amount of allocated energy must match the eventually consumed quantity as closely as possible. When allocating electricity, we make a distinction between large-scale consumers (GV) and small-scale consumers (KV). Thanks to telemetric meters, we know how much is consumed by these large consumers. For a long time, we were unable to measure consumption among small-scale consumers. That is why we used user profiles to estimate expected consumption. For instance, how much does a particular household or particular company consume per quarter?

Why Allocatie 2.0?

... to more accurate measurement

Allocation based on static consumption profiles is no longer feasible. This is because electricity consumption is becoming increasingly unpredictable and more variable, and because feed-in is not being considered. Whereas electricity was previously supplied by energy plants, more and more consumers are now generating electricity locally. They can now use their solar panels or electric cars to return electricity to the grid, which is referred to as 'feeding in'. On sunny days, they are no longer consumers, but electricity producers. Consumption profiles do not take such developments into account. In addition, consumption is becoming more variable. That is why another means of allocation is really needed. We need a system that allocates energy quantities based on up-to-date data instead of assumptions. And Allocatie 2.0 is this new, future-proof system.

How does Allocatie 2.0 work?

Allocation based on smart meters and telemetry

Allocatie 2.0 involves using smart meters for small-scale consumers. We have replaced consumption profiles with accurately measured values per quarter. The same is also done for large-scale consumers. The portion that currently still works with profiles will switch to telemetering. Thanks to this data, and by separating feed-in and consumption volumes, we can allocate faster and more accurately. This means there is no need to correct allocations: the so-called reconciliation that takes place up to 21 months later. Instead, we have introduced a final settlement after 4 months.

How does Allocatie 2.0 work?

Advantages for customers and the market

Allocatie 2.0 is more accurate and transparent because allocation more closely resembles actual consumption. The system is also faster, easier and cheaper for market parties. For example, there are fewer settlements between parties. In addition, it is fairer for market parties because they can pay more directly for what they actually consume. Furthermore, a fairer price is also offered when consuming or feeding in energy. For instance, there is a more direct link between price and the supply and demand for energy at that particular moment: if a customer charges an electric car at a moment when many people are consuming electricity, it will be more expensive for the supplier than if fewer people were consuming energy. Due to this more direct link between consumption and settlement, market parties and customers with new products and services can take advantage of moments when a lot of cheap or sustainable energy is available. This will allow us to support the energy transition in the Netherlands.

How will we introduce Allocatie 2.0?

Impact for every market party

All market parties will be affected by Allocatie 2.0 - from suppliers to grid operators, and from metering responsible parties to balance responsible parties. They will have to modify their systems and change their business processes. The amount of energy that is allocated to them may also change. For many parties, this could be an opportunity to develop new business models.

How will we introduce Allocatie 2.0?



Introduction via a single programme

The introduction of Allocatie 2.0 represents a major, far-reaching step. It goes much further than regular sector-wide changes that NEDU carries out each year for all market roles. In fact, we are redesigning the entire wholesale electricity process. Because all these changes are inter-dependent, it is important for specifications and execution to be part of a single programme, and to work together closely within this programme. The programme Allocatie 2.0 operates autonomously and has a steering committee that manages everything, a Design Authority that designs specifications, a Core Team that is responsible for day-to-day management, and a Change Authority that deals with changes. The NEDU General Meeting of Members is the highest decision-making body. All market roles within the energy sector are represented in this meeting.

How will we introduce Allocatie 2.0?



Phased introduction using theme releases or tranches

Such a drastic change must be thoroughly and effectively implemented in one go. We will be working on this up to 2025. Allocatie 2.0 will be introduced in phases. On the one hand, so that profiles can be phased out as quickly as possible. And, on the other hand, to make this complex change manageable. But this phased approach is also out of necessity: we are working towards a second phase where we will use collective Smart Meter Allocation (cSMA). But the legal basis for this is currently unavailable. We are thus waiting for the new Energy Act. Until then, the first phase will involve using a temporary solution based on a sample of smart meter data, which will allow us to permanently consign static consumption profiles to the past. A temporary solution is very welcome because the profile-based approach continues to further disrupt the market. This phased introduction will take place via several consecutive theme releases or tranches. The first of these has started in the meantime. Just like other sector releases, they will be jointly implemented by the whole sector.

Want to know more about Allocatie 2.0?

Visit [mijnNEDU, 'Programme Allocatie 2.0'](#).

If you have other questions, please contact us via secretariaat@nedu.nl.

