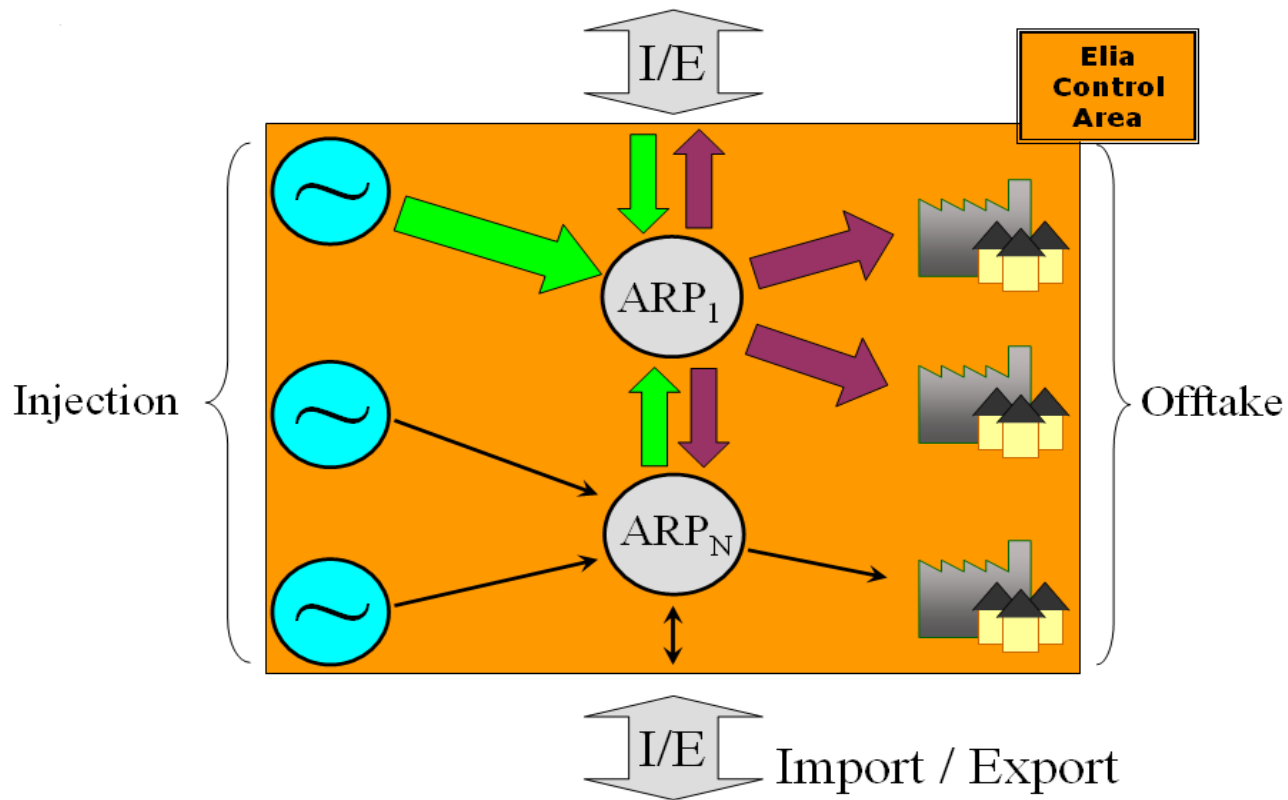


Impact of a CDS on ARPs



**Condition
for ARP₁**

Injection

||

Off-take

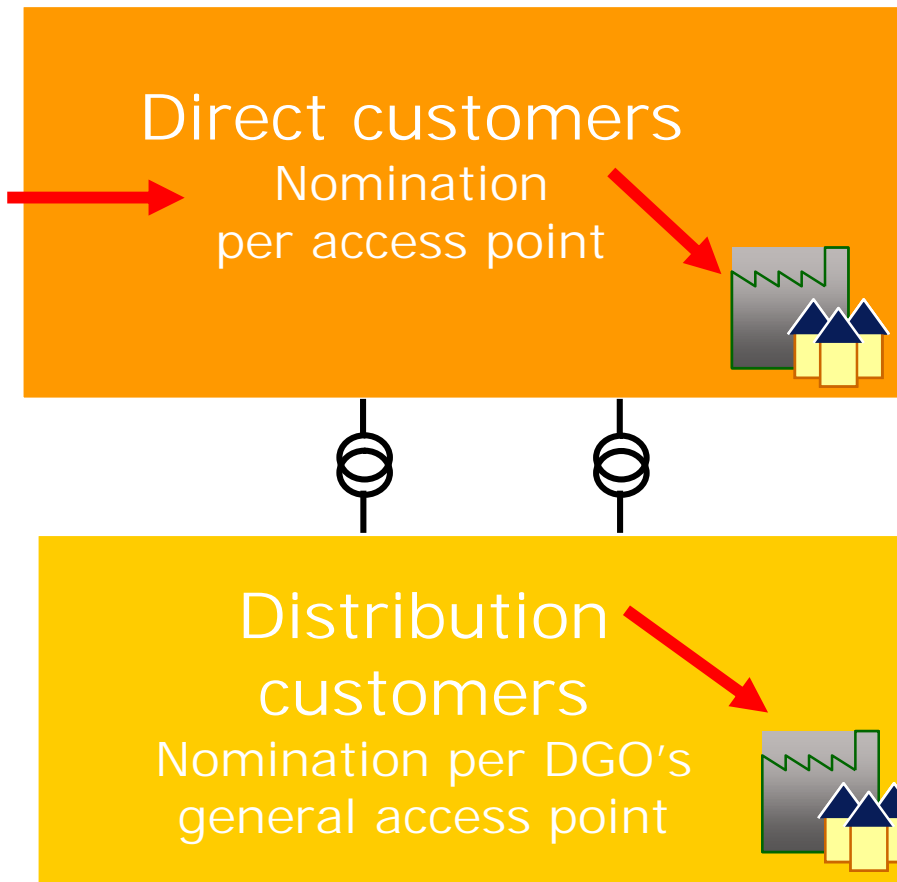
Role of an ARP

- Balance must be insured:
 - Day-ahead
 - Nominations
 - Real time
 - Nominations
(for wholesale-transactions: import / export / hub)
 - Allocations
(positions attributed & communicated by DGO)
 - Measurements
(on accesspoints on Elia-grid)
 - ➡ Corrections are made for ancillary services, CIPU-bids, load shedding and off-shore

Day ahead nominations

- 1. Load nominations nominated by ARP
 - Individual on access-points
 - Aggregated positions on DGO (general access point)
 - IT-tool: E-Nominations (B2B & B2C)
- 2. Production (injection) nominations by ARP
 - ARP has to nominate the power for each individual generation unit (different granularity), as stipulated in the CIPU-contract
 - IT-tool: Topaz (specific platform)
- 3. CDS-nominations
 - Aggregated positions per ARP in CDS (via E-Nominations)
 - But:
 - CIPU-units (via Cipu-proces & Topaz-platform)
 - Load shedding objects: individual via E-nominations while Elia needs individual nominations for mechanisms

Ex. Load Nominations



Electricity Transmission elia Nominations

Load Forecast Nominations

- Home
- Switch Nomination Types
- Help
- Create a new nomination
- View, modify or copy existing nomination

New Nomination

Execution Date (Day/Month/Year) [calendar](#)

Seller Buyer

Offtake Point

Version

Schedule (unit – MW)
 Note: Moving to an empty field (by pressing tab or clicking) will copy the value from the field before.
 Fill blank fields with [Fill right](#) or [Fill down](#), clear all fields with [Clear](#).

	0 - 1 h	1 - 2 h	2 - 3 h	3 - 4 h	4 - 5 h	5 - 6 h	6 - 7 h	7 - 8 h
00:15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15:30	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
30:45	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
45:00	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

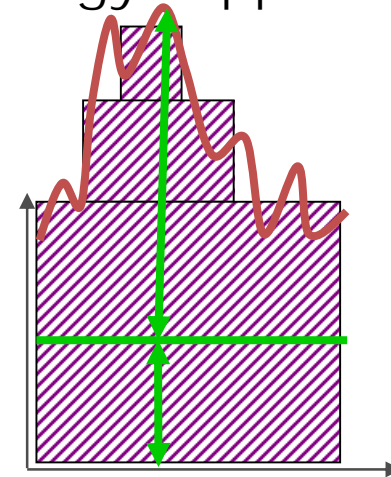
	12 - 13 h	13 - 14 h	17 - 18 h	18 - 19 h	19 - 20 h
00:15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15:30	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
30:45	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
45:00	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

[Submit this nomination](#)
[Back](#)

Market mechanism: Annex 10 & 11

- Fixed & flexible band

allows gridusers to choose 2 or more energy suppliers (and ARPs) on 1 accesspoint

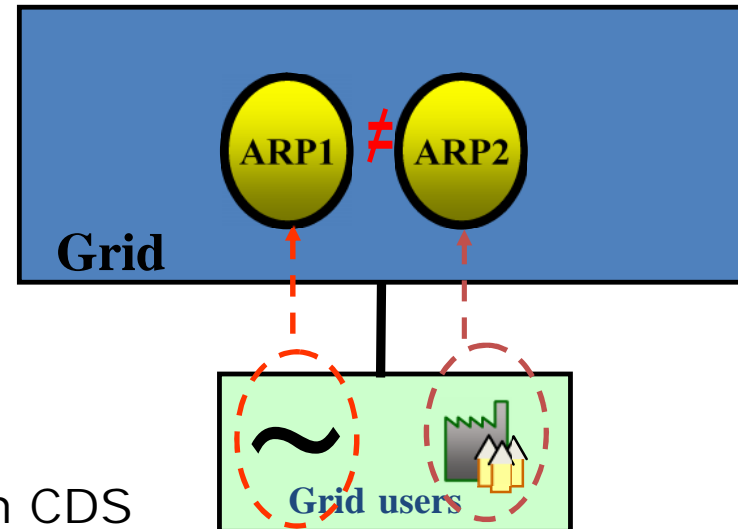


- Nomination: flexibility present in CDS
- Allocation: can be agreed with CDS-Operator (beheerder / gestionnaire) who can manage this independently of Elia

Conclusion: appendix 10 & 11 no more relevant in CDS

Market mechanism: Annex 3 bis

- Designation on 1 site
an ARP for local production injection
and one for load offtake



- Nomination: flexibility present in CDS
- Allocation: can be agreed with CDS-Operator (beheerder / gestionnaire) who can manage this independently of Elia

Conclusion: CDS offers even more flexibility,
so Annex 3 bis no more relevant in CDS

Market mechanism: Annex 9

- Sharing balance responsibility for injections into the Elia grid
The injected power of an accesspoint with a production-unit is shared (with a %) between 2 or more ARPs
 - Nomination: no possibility via CDS (1 ARP via CIPU)
Elia calculates this breakdown between several ARP
 - Allocation: idem;
Elia uses this % to attribute this measured energy to balancing perimeter of each ARP

Conclusion:

if this service has to be maintained in a CDS mechanism, a specific mechanism & contractual description has to be developed only for a unit on CDS-level (not accesspoint):

an isolated nomination-object