



E-CONTROL

Electricity Market Code

Chapter 2

Relations between market players

Version 3.3

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Relations between market players

This chapter of the Electricity Market Code is meant to give an overview of the relations and the necessary information exchange processes (schedules, meter readings) between the market players on the Austrian electricity market.

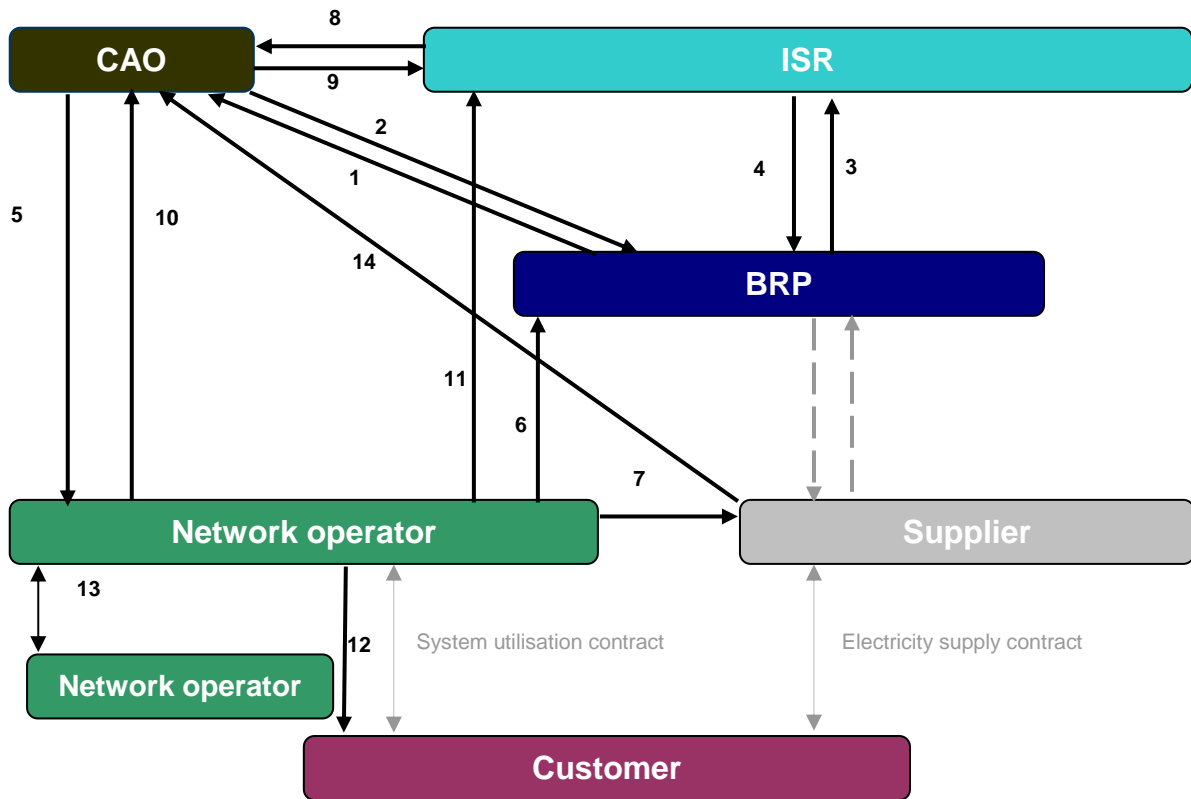
The players and the information flows between them are visualised below. The numbered arrows in the figure indicate the sequence and direction of the information flows; the data to be submitted at each step are specified in the table below the figure.

Data are transmitted in the following formats:

External schedules:	ESS
Internal schedules:	ESS
Meter readings:	MSCONS

The details and modalities of the information exchange between balance responsible parties (BRPs) and suppliers are a matter for bilateral agreement between these parties and are not addressed here.

Flow of information



Key:

- CAO: control area operator
- ISR: imbalance settlement responsible
- BRP: balance responsible party

#	When	Required information	By	To	More details in
1	<p>a,b,c,d) Every day, by 14:30 on D-1¹</p> <p>a) Intraday changes: with a lead time of 45 minutes before each full hour</p> <p>b,c,d) Deviations from the schedules that exceed the thresholds: immediately</p> <p>e) Annually</p>	<p>a) External schedules: separate receipt and supply schedules</p> <p>b) Network-node power station schedules: separate schedules for production and consumption for pumping (also applies to autogenerators)</p> <p>c) Total net generation (gross generation minus own consumption)</p> <p>d) Total consumption of the balance group (BG) for pumping</p> <p>e) Power station maintenance schedules (annual schedules with weekly information, to be updated when changes are made)</p>	BRP	CAO	<ul style="list-style-type: none"> Chapter 3: Schedules
2	<p>Every day, by 16:30 on D-1</p> <p>Intraday changes: no later than 20 minutes after receipt by the CAO</p>	Confirmation of external schedules (Time Series Confirmation Report)	CAO	BRP	<ul style="list-style-type: none"> Chapter 3: Schedules
3	<p>a) Every day, by 14:30 on D-1²</p> <p>Intraday changes: with a lead time of 15 minutes before each quarter of an hour</p> <p>b) Cf. EMC chapter 8</p>	<p>a) Internal schedules: separate receipt and supply schedules</p> <p>b) Schedules for grid losses, transmitted by the network operator in its role as BRP of the dedicated balance group for grid losses</p>	BRP	ISR	<ul style="list-style-type: none"> Chapter 3: Schedules Chapter 8: Balance group for grid losses GTC ISR

¹ On days before weekends or public holidays, for the days up to and including the next working day

² Schedules may be submitted 30 days in advance at the earliest.

4	After clearing is concluded	Total imbalance caused by the BG	ISR	BRP	<ul style="list-style-type: none"> • GTC ISR
5	a) Every day, by 15:00 on D-1 ¹ Intraday changes: immediately b) Annually	a) Network-node power station schedules: separate schedules for production and consumption for pumping b) Power station maintenance schedules	CAO	SO	<ul style="list-style-type: none"> • Chapter 3: Schedules
6	a,b) Monthly, in accordance with the clearing interval c) Monthly, by the last working day of the month	a) Monthly aggregate time series per supplier (except for local players): separate time series for actual production and actual consumption b) Monthly aggregate time series per balance group: separate time series for actual production and actual consumption c) Monthly aggregate time series of the second clearing for the month M-14, for each supplier and balance group: separate time series for actual production and actual consumption	SO	BRP	<ul style="list-style-type: none"> • Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing • GTC ISR

¹ On days before weekends or public holidays, for the days up to and including the next working day

7	<p>a,b) Monthly, in accordance with the clearing interval</p> <p>c) In accordance with meter reading intervals (normally annually)</p> <p>d) Monthly, by the last working day of the month</p>	<p>a) Time series (15-minute intervals) for grid users with load meters</p> <p>b) Monthly aggregate time series per supplier: separate time series for actual production and actual consumption</p> <p>c) Actual consumption of non-metered customers</p> <p>d) Monthly aggregate time series of the second clearing for the month M-14, for each supplier: separate time series for actual production and actual consumption</p>	SO	Supplier	<ul style="list-style-type: none"> Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing
8	Daily, ¹ on D-1	Total of each BG's internal schedules (as time series in 15-minute intervals)	ISR	CAO	<ul style="list-style-type: none"> GTC ISR Chapter 3: Schedules
9	<p>a) After the result of the tender for balancing capacity</p> <p>b) The day after call-off</p> <p>c) Monthly</p>	<p>a) Tendered, offered and purchased amounts of balancing capacity</p> <p>b) Each supplier's balancing capacity call-offs (also as internal schedules)</p> <p>c) Clearing data for imbalance price calculation, e.g. standby capacity costs, costs of called-off bids, costs of compensation programmes</p>	CAO	ISR	<ul style="list-style-type: none"> GTC ISR Chapter 3: Schedules
10	Every day, by 14:30 on D-1 ²	Meter readings from power stations for which network-node schedules had to be submitted: separate values for production and consumption for pumping (meter readings relating to item 1b)	SO	CAO	<ul style="list-style-type: none"> Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing

¹ On days before weekends or public holidays, for the days up to and including the next working day

² After weekends and public holidays, up to and including the last working day

<p>11</p>	<p>a,b,c,d) Monthly, in accordance with the clearing interval</p> <p>e) Monthly, by the last working day of the month</p>	<p>a) Monthly aggregate time series per balance group: separate time series for actual production and actual consumption</p> <p>b) Total consumption of the balance group for pumping</p> <p>c) Monthly aggregate time series per supplier: separate time series for actual production and actual consumption</p> <p>d) Time series (readings of load meters in 15-minute intervals) for each grid's interconnection points</p> <p>e) Monthly aggregate time series of the second clearing for the month M-14, for each supplier and balance group: separate time series for actual production and actual consumption</p>	<p>SO</p>	<p>ISR</p>	<ul style="list-style-type: none"> Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing GTC ISR Chapter 6: Meter readings, data formats and standard load profiles
<p>12</p>	<p>In accordance with meter reading intervals (normally annually)</p>	<p>Actual consumption, for the purpose of billing the system charges in accordance with the <i>Systemnutzungsentgelteverordnung</i> (Electricity System Charges Ordinance)</p>	<p>SO</p>	<p>Consumer</p>	<ul style="list-style-type: none"> Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing Chapter 6: Meter readings, data formats and standard load profiles
<p>13</p>	<p>Monthly, by the 5th working day of M+1</p>	<p>Aggregate monthly time series (in 15-minute intervals) of each grid's interconnection points</p>	<p>SO that is responsible for the data</p>	<p>participating SOs</p>	<ul style="list-style-type: none"> Chapter 10: Information exchange between system operators and other market participants; 1st and 2nd clearing

<p>14</p>	<p>a,b) Weekly c) Weekly or daily by 16:00</p>	<p>Optional: bids for balancing energy or capacity:</p> <ul style="list-style-type: none"> a) primary control b) secondary control c) tertiary control 	<p>Supplier</p>	<p>CAO</p>	<ul style="list-style-type: none"> • Framework contracts between supplier and CAO
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