

Kenta / Using Kenta

Understand the adopted power-planning basis

Distinguish requirements, supply, assumptions and retained scenarios before interpreting a planning balance.

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► Applicability

Before you begin

- Read access to the intended project and its planning evidence.
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Read the adopted-basis strip

Power Planning opens to Requirements. The adopted-basis strip shows its reference and revision, required power, confirmed supply, unresolved power and reporting date. A missing or unsupported value stays unknown; it is not zero.

Use Available supply and Basis details to inspect the input versions, source warnings, qualifications and assumptions supporting the displayed balance. A reviewed workflow state does not certify available electrical capacity.

Keep scenarios separate

Scenarios preserve alternatives and their inputs. Saving or comparing a scenario does not adopt it. Only the explicit authorized adoption workflow changes the adopted basis.

Read the actual conservative calculation

The adopted-basis calculator supports recorded MW/kW real-power inputs; MVA/kVA are not silently converted. Required power is unknown when a listed requirement is missing, incompatible or unsupported. Confirmed power requires at least one supply row and every listed supply row to be confirmed, valid for the reporting date and compatible. A listed requested/assumed, expired, missing or incompatible supply row makes that aggregate unknown; the application does not substitute a partial sum or zero. Unresolved power is calculated only when both required and confirmed totals are known.

Inputs and terminology

Inputs and terminology

Term	Meaning
Real power	W, kW and MW describe real power. A number recorded in apparent-power units is not silently counted as real power.
Apparent power	VA, kVA and MVA remain distinct. A conversion needs its independently verified basis.
Compatible basis	Boundary, phase and time basis must be compatible before values can be combined.
Requested supply	Power that has been requested but is not a confirmed supply input.
Assumed supply	A stated planning assumption, kept separate from recorded confirmation.
Confirmed supply	A recorded confirmed row must match the basis boundary and phase, be valid on the reporting date, and use a supported real-power value/unit. The validity end is exclusive.
Committed-load assumption	A recorded demand/load input used by requirements and screening. Its name does not make it available confirmed supply.

Procedure

1. Confirm the planning context

Check the organization, project, boundary, phase and reporting date before reading a total.

2. Inspect the supporting basis

Open Basis details and follow the retained source references. Check whether supply is confirmed, assumed or requested.

Verify the result

You can identify the adopted revision and explain which inputs are confirmed, unresolved or outside the compatible basis.

What happens next

Inspection and scenario comparison do not authorize procurement, energization or engineering acceptance.

Troubleshooting

The balance is unknown

Look for missing units, unavailable sources, incompatible boundaries and unreviewed assumptions. Correct and review the relevant source-backed input; do not replace unknown with zero.