

Data Centre & Energy Watch

Data-centre projects across Alberta, B.C. and Saskatchewan, and the grid connections, gas plants and rules that decide which ones get built.

British Columbia · Alberta · Saskatchewan

Full issue: 9 pages · 12 project briefs · 8 charts and maps · 90-day calendar

LEAD STORY · ALBERTA

Meta is Alberta's one real hyperscale build, and its power plan is locked in

Meta broke ground in July on a 1 GW AI data centre in Sturgeon County, worth more than C\$13B and employing 3,000+ construction workers at peak. Capital Power will supply 250 MW from the back half of 2028. After that, Pembina's 932 MW Greenlight gas plant (FID Jul 2; Aecon and Técnicas Reunidas EPC) takes over when it comes online in H2 2030.

Every other large Alberta proposal is still at the MOU or permitting stage.

What to do: Target the Aecon/Técnicas Reunidas subcontract packages and Meta's fit-out trades. That is the funded work in 2027–29.

THE GATE

AESO's BYOG process still isn't final

In its Sep 8 update AESO said materials and intake would come "this fall". Until intake opens, there is no grid-priority path for new data centres.

DEC 31

Alberta's data-centre levy starts

Sites of 75 MW or more pay 1–2% on an age-weighted equipment base, depending on how much grid power they draw.

BRITISH COLUMBIA

Twice as many requests as power, and the results are frozen

BC Hydro offered 400 MW and got ~800 MW of requests. Results wait until after the election.

SASKATCHEWAN

Bell eyes 1.2 GW on gas

A non-binding MOU adds up to 900 MW to Bell's 300 MW campus, all behind the meter.

AFFORDABILITY

Bridging load becomes the fight

The Pembina Institute estimates that Meta's early grid draw could add \$267–\$462 a year to Alberta bills.

1 GW

Meta Sturgeon County, >C\$13B (Meta)

932 MW

Greenlight CCGT, in service H2 2030 (Pembina)

~800 / 400

MW requested vs offered in BC Hydro's call (BC Hydro)

30+

Data-centre applications in Saskatchewan's queue (Gov. of SK)

INSIDE THE FULL OCTOBER ISSUE

ALBERTA · PROJECTS

Meta Sturgeon County · Greenlight Electricity Centre · Capital Power · Keephills / TransAlta · Beacon AI Centers · Wonder Valley

ALBERTA · GRID AND RULES

AESO large-load program · Data-centre levy · Pembina Institute on bills

B.C. · SASKATCHEWAN · CHARTS

BC Hydro Call for Demand · Bell AI Fabric: Kamloops, Saskatchewan · Map, MW by stage, power stack, timeline · Levy explainer · scorecard · calendar