

The AESO uses GIS data in multiple ways. To parties external to the AESO, the most visible use is in report maps and in the Alberta Interconnected Electric System (AIES) Map. GIS data is also used internally for spatial analysis and planning purposes.

The GIS data that the AESO requires includes any new transmission facilities (lines or substations) or any routing or location changes to existing transmission facilities.

Transmission Lines

Transmission lines should be delivered in polyline shapefile format.

Substations

Substations should be delivered in polygon or point shapefile format.