Thayer 2004 paper:

The magnetosphere provides “energy flux” into the ionosphere in two forms: precipitating electrons and ions which produce the aurora, and electromagnetic energy flux (or “Poynting Flux”) which heats the ionosphere like a battery heats a light bulb. This paper describes these processes.

Killeen 1984 paper:

This paper describes the physics of how the ion and neutral gases are coupled at high latitudes, using measurements from space as a point of reference.

St. Maurice 1999 paper:

Equation (1) is a basic relationship about ion temperature. The differential motion between ions and neutrals (Vi-Vn) produces heating via friction which raises Ti above the temperature of the background neutral gas.