

Pressure/thermal differences
driven by synoptic/mesoscale
systems

S

*Transfer energy **mean** flow
to **turbulent** scales*

*Convective
turbulence*

Buoyancy
B

TKE
tendency
 $\dot{\epsilon}$

*Potential
Energy*

- →

Transferring
energy
TT and P

*Energy is neither
produced or **dissipated**.
Hand it down to
smaller scales*

Viscous dissipation
in form of heat
D