**Transport** 

$$E_F = \frac{E_T k_F}{\phi_F * \phi_{drivmedel}}$$
,  $E_B = \frac{E_T k_B}{\phi_B * \phi_{drivmedel}}$ 

## **Bostad**

Fossil

$$E_F = \frac{E_V * k_{FV}}{\varphi_{FV}} + \frac{E_V * k_{FJV} * k_{FFJ}}{\varphi_{FJV} * \varphi_{FFJ} * \varphi_{trans}} + \frac{\left(\frac{E_V * k_{EV}}{\varphi_{EV}} + \frac{E_V * k_{FJV} * k_{VP}}{\varphi_{FJV} * \varphi_{VP} * \varphi_{trans}} + E_E\right)}{\varphi_E * \varphi_{trans}} * \frac{k_{FE}}{\varphi_{FE}}$$

Bio

$$E_B = \frac{E_V * k_{BV}}{\varphi_{BV}} + \frac{E_V * k_{FJV} * k_{BFJ}}{\varphi_{FJV} * \varphi_{BFJ} * \varphi_{trans}} + \frac{\left(\frac{E_V * k_{EV}}{\varphi_{EV}} + \frac{E_V * k_{FJV} * k_{VP}}{\varphi_{FJV} * \varphi_{VP} * \varphi_{trans}} + E_E\right)}{\varphi_E * \varphi_{trans}} * \frac{k_{BE}}{\varphi_{BE}}$$

Vind

$$E_{Vind} = el * \frac{K_{Vind}}{\varphi_{Vind}}$$

Vatten

$$E_{V \, atten} = el * \frac{K_{V \, atten}}{\varphi_{V \, atten}}$$

Kärn

$$E_{K\ddot{a}rn} = el * \frac{K_{K\ddot{a}rn}}{\Phi_{K\ddot{a}rn}}$$

Spill

$$E_{Spill} = el * \frac{K_{Spill}}{\phi_{Spill}}$$

## Industri

Likadan som bostad, men andra variabler och:

$$el = \frac{\left(\frac{E_V * k_{EV}}{\varphi_{EV}} + E_E\right)}{\varphi_E * \varphi_{trans}}$$