```
\begin{aligned} \mathbf{pe\text{-}state}^{0,22} \\ \text{pe-}state(p) &\equiv_{\text{def}} \text{ (state when pe-e}(p)) \\ & clarification: \\ \\ \text{pe-}state(p) &\equiv_{\text{def}} \text{ es-}state\text{-when}(\text{pe-es}(p); \text{pe-e}(p)) \end{aligned}
```