Value of Information = VOI

The difference $\mbox{ VOI}$ between the expected net profit present value $\mbox{ NPV}_{\mbox{INFO}}$, generated by business activity with use of a specific information, against the expected net profit present value $\mbox{ NPV}_{BASE}$, generated by business activity without this information in hand:

(1)
$$VOI = NPV_{INFO} - NPV_{BASE}$$

where

NPV _{INFO}	net profit present value, generated by business activity with use of a specific information	
NPV _{BASE}	net profit present value , generated by business activity without a specific information in hand	

If the estimation of VOI is positive then a specific information is valuable and should be scheduled for acquisition.

See also

Economics / Net Present Value (NPV)