



Correction to: Implementation of RTO in a large hydrogen network considering uncertainty

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Published online: 20 June 2019
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Correction to: Optimization and Engineering

<https://doi.org/10.1007/s11081-019-09444-3>

In the original publication of the article, in Table 4 and Table 5 lower case ‘k’ which is the correct convention of the units was published as upper case ‘K’.

The corrected tables are provided below.

The original article can be found online at <https://doi.org/10.1007/s11081-019-09444-3>.

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Table 4 Results of the implementation of the TSS formulation over the typical stochastic assumptions, i.e.: perfect information (PI), recourse problem (RP), expectation of the expected value problem (EEVP)

PI	RP	EEVP	EVPI		VSS	
k€/h	k€/h	k€/h	k€/h	% ^a	k€/h	% ^a
737.176	735.936	725.014	1.240	0.17	10.923	1.51

These are used to calculate EVPI and VSS as suggested by Birge and Louveaux (2011)

^aPercentage w.r.t. EEVP

Table 5 Results of CVaR, VaR and hydrogen plant H4 at confidence levels 95% and 99%

Confidence ($1 - \alpha$) %	CVaR _{1-α}	VaR _{1-α}	H4		Time
	k€/h	k€/h	Nm ³ /h	% ^a	CPU ^b s
95	735.88	735.88	37,884.06	86.10	71.46
99	735.88	735.88	37,884.06	86.10	43.74
0 ^c	NA ^d	NA ^d	37,066.68	84.24	0.92

^aPercentage over total production capacity

^bIntel® Core™ i7 2.50 GHz and 16.0 GB of RAM

^cRisk-neutral solution (i.e.: $\alpha = 1$), RP solution

^dNot applicable

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