

Correction

Correction: Yang, W.; Yang, J.; Guo, W.; Zeng, W.; Wang, C.; Saarinen, L.; Norrlund, P. A Mathematical Model and Its Application for Hydro Power Units under Different Operating Conditions. *Energies* 2015, 8, 10260–10275

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The authors wish to make the following corrections to the published paper [1].

- Equation (15) is replaced with:

$$b_p K_d \frac{dy_{PID}^2}{dt^2} + (1 + b_p K_p) \frac{dy_{PID}}{dt} + b_p K_i (y_{PID} - y_c) = - \left(K_d \frac{dx_f^2}{dt^2} + K_p \frac{dx_f}{dt} + K_i x_f \right)$$

- Equation (16) is replaced with:

$$e_p K_d \frac{dp_g^2}{dt^2} + e_p K_p \frac{dp_g}{dt} + e_p K_i (p_g - p_c) + \frac{dy_{PID}}{dt} = - \left(K_d \frac{dx_f^2}{dt^2} + K_p \frac{dx_f}{dt} + K_i x_f \right)$$

- Equation (17) is replaced with:

$$b_p K_d \frac{d(y_{PID} - y_c)^2}{dt^2} + (1 + b_p K_p) \frac{d(y_{PID} - y_c)}{dt} + b_p K_i (y_{PID} - y_c) = 0$$

- Table 3 is replaced with:

Table 3. Status of selectors in different control modes.

Control Mode	Equation	S ₁ Status	S ₂ Status	S ₃ Status
Frequency control	(15)	1	1	1
	(16)	1	3	3
Opening control	(17)	2	1	1
	(18)	2	2	1
Power control	(19)	2	3	3
	(20)	2	2	3

5. Figure 3 is replaced with:

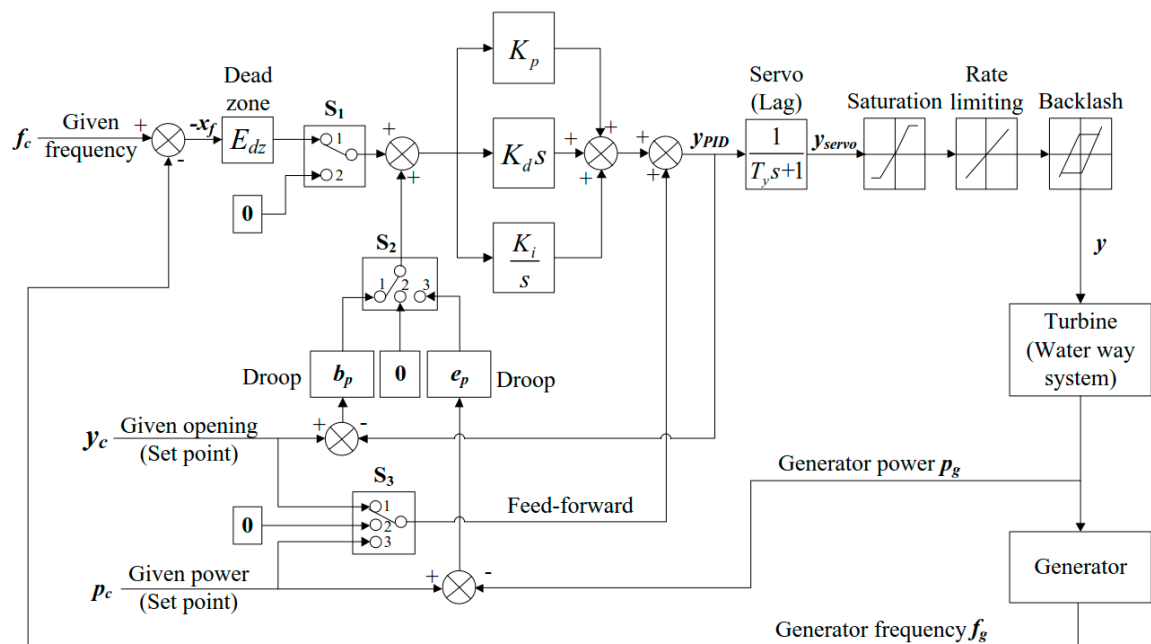


Figure 3. Governor system in TOPSYS.

We apologize for any inconvenience caused to the readers by these changes. The manuscript will be updated and the original will remain available on the article webpage.

Reference

1. Yang, W.; Yang, J.; Guo, W.; Zeng, W.; Wang, C.; Saarinen, L.; Norrlund, P. A Mathematical Model and Its Application for Hydro Power Units under Different Operating Conditions. *Energies* **2015**, *8*, 10260–10275. [CrossRef]



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