

**CRIEPI** Web Page



https://criepi.denken.or.jp/en /index.html EnergyWin Web Page



https://criepi.denken.or.jp/en/energy /research/research11.html

## **EnergyWin®**

by Central Research Institute of Electric Power Industry

The measuring value, is it correct?
EnergyWin easily shows the ideal state through physical calculation model.

### **Feature**

Calculate with model block as PI Diagram

Specialize in heat cycle, so easy.

Easy comparison by copy and paste

Calculation takes just a few seconds, works even on older PC.

Calculate unmeasured data

Send calculation results to PI System® via csv file

Good for self-learning to develop the heat cycle behavior

# IPS An

### **Contact us to IPSM**

IPSM supports your analysis with EnergyWin. And also, we provide PI System customized monitoring together with explanation video.

IPSM, we are authorized dealer.



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#### \* 44 °C \* 1.1 bar 823 t/h : 44 kJ/kg Air \* 1192 kJ/kg From HP Htr \* 272 °C \* 195 bar 600 t/h # 3479 kJ/kg \* 3606 kJ/kg RH Steam Main Steam \* 566 °C \* 165 bar \* 29 bar 480 t/h ೦, 999 \* ೦, 098 \* 186 bar 600 th 924 t/h ပ 148, J, 898 GAH If you wish to freely use to created model, please **SUBSCRIBE** to the "**EnergyWin**" \* 432 °C \* 180 bar \* 600 t/h 429 EnergyWin ability, it can't explain on paper! Please feel free to request a demo. 4 Example: 1% of Fuel high reflect to the flue gas \* 480 \*1301 kJ/kg \* 480 t/h 3130 kJ/kg \*293°C \*140 bar \*600 t/h \*357 °C \*31 bar E Ploo \*310 °C 823 t/h ESE Ese \*Please note that analysis work will be contracted out for a fee. PLSH 136 °C 1693 Jan Se Burne SST \* 32 °C 101.0 t/h 186 bar Drum \* 44 °C 1.1 bar 815 t/h \* 44 kJ/kg Air 1192 kJ/kg From HP Htr \* 272 °C \* 195 bar 600 t/h 600 t/h \* 3479 kJ/kg \* 29 bar 480 t/h \* 3606 kJ/kg RH Steam Main Steam \*566°C \* 165 bar ೦ ,¥ 566 ,\* \* 186 bar 600 t/h ೦, ೦೫ 132 °C 915 t/h ပ္ GAH 323 \* 180 bar \* 600 t/h 414 432 °C \* 480 °C 427 \*1301 kJ/kg \* 357 °C \* 31 bar \* 480 t/h \$3130 kJ/kg Cold RH \*293°C \*140 bar \*600 t/h \*310 °C 815 t/h E E PLSH 138 0° Furriace Burne SSE 186 bar 00.0 t/h \*32 °C Drum( Copyright (c) 2024 IHI Power System (M) Sdn. Bhd. All rights reserved