

Plant  
Plant Hours  
Plant Running Hours  
~~Plant Running Hours~~

Operation Time

Minson I  
~~Minson II~~  
 100%

Minson II  
 50%

Sode  
 75%

Blumways

Total

75%

$$\frac{\sum_{n=1}^{n=N} \frac{\text{Plant Hours}}{\text{Plant Running Hours}}}{N}$$

$N = \# \text{ of plants}$

# Energy ~~consumption~~ and CO<sub>2</sub> Savings Production

Amount of energy produced in AM6 upgrading plant XXXX kWh  
Amount of saved CO<sub>2</sub> XXXX kg

$$E = \text{Sum (Total Amount (All the am kg))} \cdot 6.4 \text{ kWh/m}^3 \text{ biogas}$$

$$= \text{Sum (Total Amount (All the am kg))} \cdot 0.656 \text{ kg/m}^3 \cdot 35 \text{ kg CO}_2/\text{m}^3 \text{ gas}$$

# Production

after 1<sup>st</sup> cycle (FT-101)

Accumulated  
Biotin  
Amount  
↳ Today

Today  
~~24 hours~~  
3000 m<sup>3</sup>

5500 m<sup>3</sup>

10000 m<sup>3</sup>

Biotin  
Storage

600 m<sup>3</sup>/h

1200 m<sup>3</sup>/h

1400 m<sup>3</sup>/h

Now

Plant  
Munson I  
Munson II  
Code

1200 m<sup>3</sup>

600 m<sup>3</sup>/h

Sum of all FT-101

1200 m<sup>3</sup>

Sum of all  
"Today"