## 31 OCTOBER 2024

### EQUITY RESEARCH - COMPANY REPORT

## WHA UTILITIES & POWER THAILAND / UTILITIES

## Data Center would support long-term growth

- Global tech companies' data center investment in Thailand, especially in industrial estates of the WHA group would drive WHAUP's power and utilities units in the long run.
- Expect 3Q24 core profit to jump 51% q-q due to higher utility sales. However, including an FX loss, net profit should decrease 10% q-q. Maintain our 2024-26E net profit growth of 10% y-y CAGR.
- The share price rallied above our TP of THB5.30. Decrease our rating to HOLD.

## Data Center would support WHAUP's power and utilities

BOI reported 40 investment applications in data centers and cloud services, with a total investment value of over THB136b in September. Among them, Google would invest THB36b in data centers in WHA's industrial estates. Also, we believe several more would follow, boosting the long-term growth of WHAUP's power and utilities. According to Google's preliminary analysis, an investment in a one-MW data center would require an area of one rai and a one-MW green-energy power plant. Additionally, a one-MW solar power plant would need six rai of land. Therefore, based on Google's first-phase land purchase of 400 rai in WHA's industrial estate, with potential additional land purchases to make a total of 1,000 rai, we anticipate their data centers would require 140 MW of solar power. Initially, a solar power plant with an IRR of c10% and a tariff of THB2.17/unit would generate an annual profit of +/-THB1.5m/MW. If WHAUP constructs a 140-MW plant, it should produce a profit of THB210m p.a., representing 15% of our full-year profit forecast, which we have not included in our estimate and TP.

## Expect 3Q24 core profit to surge 51% q-q

We expect a 3Q24 core profit of THB469m (+51% q-q, -1% y-y) due to higher utility revenue in line with new factories in WHA's industrial estates and an excessive charge of cTHB40m. Also, WHAUP would recognize higher profit sharing from the Dough River project in Vietnam owing to water volume growth from its service area expansion. Meanwhile, utilities should record lower profit sharing from associates due to GHECO-One, which should continue to suffer from high coal costs, and SPPs, which should see lower margins due to a slightly higher gas cost while tariffs remain unchanged. Finally, we project an FX loss from loans extended to associates following Baht strength, leading to an expected 3Q24 net profit of THB301m (-10% q-q, -42% y-y).

## Our 2024-26E net profit implies growth of +10% y-y CAGR

We retain our 2024E net profit. It represents a 7.6% weakness y-y due to lower profit sharing from SPP associates following an extendedly low margin assumption and high coal cost effects on IPPs, albeit potentially higher utility sales. Also, there would be an FX loss from Baht appreciation.

## Downgrade to HOLD at our TP of THB5.30 on limited upsides

WHAUP has rallied by 32% in the past two months. It currently has a limited upside compared to our TP of THB5.30. Hence, we decrease our rating to HOLD to bet on its high growth prospect in line with continued growth in the IE unit and data center investments in Thailand, which we have not incorporated into our estimate.



#### Songklod Wongchai

Fundamental Investment Analyst on Securities; License no. 018086 songklod.won@fssia.com, +66 2646 9970



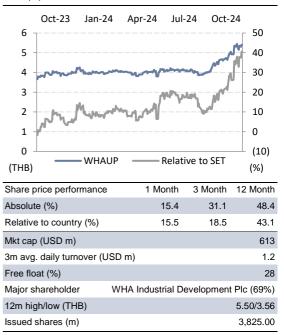
## WHAUP TB

# 

| TARGET PRICE    | THB5.30   |
|-----------------|-----------|
| CLOSE           | THB5.40   |
| UP/DOWNSIDE     | -1.9%     |
| PRIOR TP        | THB5.30   |
| CHANGE IN TP    | UNCHANGED |
| TP vs CONSENSUS | -4.8%     |
|                 |           |

## **KEY STOCK DATA**

| YE Dec (THB m)       | 2023  | 2024E | 2025E | 2026E |
|----------------------|-------|-------|-------|-------|
| Revenue              | 2,782 | 3,165 | 3,392 | 3,554 |
| Net profit           | 1,631 | 1,454 | 1,742 | 1,856 |
| EPS (THB)            | 0.43  | 0.38  | 0.46  | 0.49  |
| vs Consensus (%)     | -     | 9.5   | 2.2   | 5.8   |
| EBITDA               | 975   | 1,548 | 1,815 | 1,893 |
| Recurring net profit | 1,443 | 1,333 | 1,742 | 1,856 |
| Core EPS (THB)       | 0.38  | 0.35  | 0.46  | 0.49  |
| Chg. In EPS est. (%) | -     | -     | -     | -     |
| EPS growth (%)       | 217.6 | (7.6) | 30.7  | 6.5   |
| Core P/E (x)         | 14.3  | 15.5  | 11.9  | 11.1  |
| Dividend yield (%)   | 4.6   | 4.6   | 4.6   | 5.6   |
| EV/EBITDA (x)        | 34.9  | 22.7  | 19.9  | 19.5  |
| Price/book (x)       | 1.5   | 1.5   | 1.4   | 1.3   |
| Net debt/Equity (%)  | 98.5  | 102.9 | 103.6 | 102.5 |
| ROE (%)              | 11.0  | 9.6   | 12.0  | 12.1  |



Sources: Bloomberg consensus; FSSIA estimates

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### **Investment thesis**

WHAUP is Thailand's largest utility company, offering comprehensive services to businesses in industrial estates. Also, it has the right to provide utility services to companies in WHA's industrial parks. WHAUP has continued expansion plans to increase its capacity for industrial water, electricity, and water treatment, corresponding with business operator growth in WHA's industrial estates in Thailand and Vietnam. It has an industrial water capacity of 84m CBM in 1H24 and an electricity-generating capacity of 932 MW as of end-2Q24, based on its equity comprising 682 MW from operating plants and 250 MW under construction. By type, 57% was conventional energy, and 43% was renewal. WHAUP aims to sign 1,000-MW more PPAs by the end of 2024 and targets 2024 water volume sales of 178mn CBM, up 15% y-y due to an expansion of WHA's industrial estates and customer base.

## **Company profile**

WHAUP is under the WHA group. Established in 2008, it provides comprehensive utility services to WHA's customers in industrial parks, with continued expansion plans to increase its capacity for industrial water and provide water treatment services to operators in and out of industrial estates.

www.wha-up.com

## Catalysts

- The expansion outlook of WHA's industrial estates from expanding new customer base, rising water and electricity demand from factories in industrial estates, signing contracts to sell water to new customers, and higher water charges
- Insufficient water and electricity supply in Vietnam, providing future growth opportunities for WHA's industrial estates
- The potential to participate in 3,660-MW renewable auctions in line with the 2024 PDP due for a release in 2024

#### **Risks to our call**

- Higher gas prices with lower electricity tariffs, pressured by government policies, resulting in significantly lower power margins
- Changes in state energy policies

## **Event calendar**

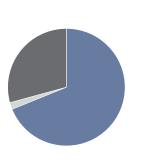
| Date       | Event                 |
|------------|-----------------------|
| 8 Nov-2024 | 3Q24 Earnings Results |

## Principal activities (revenue, 2023)

water business - 84.8 %
power business - 15.2 %
Source: WHA Utilities & Power

## Major shareholders

- WHA Industrial Development Plc
   68.9 %
- WHA Holding Company 1.9 %
- Others 29.2 %



Source: WHA Utilities & Power

## Key assumptions

| Key assumptions                       | 2024E | 2025E | 2026E |
|---------------------------------------|-------|-------|-------|
| Tariff                                | 3.51  | 3.65  | 3.79  |
| Electricity capacity- Equity PPA (MW) | 1,000 | 1,200 | 1,500 |
| Water Sales& Managed Volume (MM3)     | 178   | 185   | 200   |
| Equity income                         | 818   | 891   | 1,054 |

Source: FSSIA estimates

#### Earnings sensitivity

- For every 1% increase in gas price, we estimate 2024 earnings would rise by 1.1%, and vice versa, all else being equal.
- For every 1% increase in interest rate, we estimate 2024 earnings would decline by 1.3%, and vice versa, all else being equal.

Source: FSSIA estimates



energy policies

## Exhibit 1: WHAUP – 3Q24 Earnings Preview

| Profit & Loss Statement  | 1Q23    | 2Q23    | 3Q23    | 4Q23    | 1Q24    | 2Q24    | 3Q24E   | Chang   | ye      |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Year to Dec 31           | (THB m) | (q-q %) | (y-y %) |
| Revenue                  | 633     | 780     | 690     | 678     | 721     | 722     | 741     | 3       | 7       |
| Operating costs          | (402)   | (463)   | (460)   | (452)   | (437)   | (461)   | (477)   | 4       | 4       |
| EBITDA                   | 276     | 365     | 281     | 241     | 337     | 320     | 329     | 3       | 17      |
| EBIT                     | 174     | 259     | 168     | 126     | 222     | 198     | 200     | 1       | 19      |
| Interest expense         | (110)   | (115)   | (123)   | (117)   | (126)   | (130)   | (130)   | 0       | 6       |
| Other income             | 1       | 34      | 33      | (30)    | 151     | 31      | 20      | (35)    | (38)    |
| Associates' contribution | 229     | 183     | 361     | 607     | 159     | 212     | 380     | 79      | 5       |
| Pre-tax profit           | 268     | 496     | 521     | 378     | 487     | 333     | 301     | (10)    | (42)    |
| Tax                      | (11)    | (15)    | (9)     | 4       | (17)    | (1)     | (1)     | n/a     | n/a     |
| Tax rate (%)             | 4.00    | 2.99    | 1.79    | (0.95)  | 3.51    | 0.29    | 0.33    | 14      | (81)    |
| Net profit               | 257     | 481     | 511     | 382     | 470     | 332     | 300     | (10)    | (41)    |
| Non-recurring items      | (32)    | 159     | 32      | (253)   | 232     | 53      | (149)   | n/a     | n/a     |
| Core profit              | 229     | 419     | 475     | 464     | 388     | 310     | 469     | 51      | (1)     |
| Key Ratios (%)           | (%)     | (%)     | (%)     | (%)     | (%)     | (%)     | (%)     | (ppt)   | (ppt)   |
| EBITDA margin (%)        | 43.64   | 46.76   | 40.71   | 35.54   | 46.75   | 44.29   | 44.39   | 0.10    | (2.37)  |
| EBIT margin (%)          | 27.55   | 33.19   | 24.36   | 18.55   | 30.80   | 27.46   | 26.97   | (0.49)  | (6.22)  |
| Net profit margin (%)    | 40.65   | 61.62   | 74.12   | 56.27   | 65.18   | 46.02   | 40.48   | (5.55)  | (21.14) |
| Tax rate (%)             | 4.00    | 2.99    | 1.79    | (0.95)  | 3.51    | 0.29    | 0.33    | 0.04    | (2.66)  |

Sources: WHAUP; FSSIA estimates



## Valuation

We value WHAUP using the Sum-of-the-parts (SOTP) method, based on its long-term electricity and water sales contracts and interest, and the DCF method, assuming a WACC of 6.5%, risk-free rate of 3%, risk premium of 9%, and zero terminal growth rate. We derive a TP of THB5.30, with details as follows.

6.5

## Exhibit 2: Sum of the parts target price

| Cost of equity assumptions | (%)  | Cost of debt assumptions | (%)  |
|----------------------------|------|--------------------------|------|
| Risk free rate             | 3.0  | Pre-tax cost of debt     | 5.0  |
| Market risk premium        | 9.0  | Marginal tax rate        | 20.0 |
| Stock beta                 | 1.1  |                          |      |
| Cost of equity, Ke         | 12.9 | Net cost of debt, Kd     | 3.8  |
| Weight applied             | 30.0 | Weight applied           | 70.0 |
|                            |      |                          |      |

#### WACC (%)

| DCF valuation estimate                    | MW  | (%)  | Equity<br>Capacity | Туре          | (THB m)  | (THB/share) | Comments   |
|---|-----|------|--------------------|---------------|----------|-------------|--|
| Gheco-1 (Aug,2012) - Coal                 | 660 | 35%  | 231                | IPP           | 3,377    | 0.9         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GLOW IPP (Jan,03)-Gas                     | 713 | 5%   | 36                 | IPP           | 157      | 0.0         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Houay Ho (Sep,99)-Hydro                   | 152 | 13%  | 19                 | IPP           | 431      | 0.1         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GJP NLL (May, 2013) - Gas                 | 123 | 25%  | 31                 | SPP           | 1,322    | 0.3         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF SOLAR (2014) - solar                 | 1   | 25%  | 0                  | VSPP          | 4        | 0.0         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| WHA GUNKUL (2014) - solar                 | 3   | 75%  | 2                  | VSPP          | 75       | 0.0         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| BGRIM POWER (Nov, 2016)                   | 121 | 25%  | 30                 | Gas Co-gen    | 701      | 0.2         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF VTP (2017)                           | 130 | 25%  | 33                 | Gas Co-gen    | 1,385    | 0.4         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF TS1 (2017)                           | 130 | 25%  | 33                 | Gas Co-gen    | 2,901    | 0.8         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF TS2 (2017)                           | 130 | 25%  | 33                 | Gas Co-gen    | 2,868    | 0.7         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF TS3 (2017)                           | 125 | 25%  | 31                 | Gas Co-gen    | 2,536    | 0.7         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF TS4 (2018)                           | 125 | 25%  | 31                 | Gas Co-gen    | 2,706    | 0.7         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| GULF NLL2 (2019)                          | 120 | 25%  | 30                 | Gas Co-gen    | 1,934    | 0.5         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Solar Rooftop Projects                    | 142 | 100% | 142                | Solar Rooftop | 4,633    | 1.2         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Chonburi Xean Energy<br>(Waste Heat,2019) | 7   | 33%  | 2                  |               | 546      | 0.1         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Water in Thailand (cmpd)                  | 394 | 100% | 394                |               | 8,230    | 2.2         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Duong River - Vietnam Utilities           | 300 | 34%  | 102                |               | 1,081    | 0.3         | WACC 6.5%, Risk free rate 3%,<br>Risk premium 9%, Zero terminal growth |
| Net debt                                  |     |      |                    |               | (14,505) | (3.8)       |  |
| Residual ordinary equity                  |     |      |                    |               | 20,383   | 5.3         |  |

Sources: WHAUP, FSSIA estimates

## **FINANSIA**

## Exhibit 3: Peer comparison as of 30 Oct 2024

| Company                    | BBG       | Market  | - EPS gr | owth - | PE   |      | RC   | )E   | PB  | v   | - EV/EB | ITDA - | DivY | ′ld |
|----------------------------|-----------|---------|----------|--------|------|------|------|------|-----|-----|---------|--------|------|-----|
|                            |           | Сар     | 24E      | 25E    | 24E  | 25E  | 24E  | 25E  | 24E | 25E | 24E     | 25E    | 24E  | 25E |
|                            |           | (USD m) | (%)      | (%)    | (x)  | (x)  | (%)  | (%)  | (x) | (x) | (x)     | (x)    | (x)  | (x) |
| Wha Utilities and Power*   | WHAUP TB  | 613     | (8)      | 31     | 15.5 | 11.9 | 9.6  | 12.0 | 1.5 | 1.4 | 22.7    | 19.9   | 4.6  | 4.6 |
| CK Power*                  | CKP TB    | 878     | (17)     | 77     | 24.4 | 13.8 | 4.4  | 7.5  | 1.1 | 1.0 | 14.9    | 16.2   | 2.7  | 2.7 |
| TTW                        | TTW TB    | 1,065   | (0)      | 10     | 12.4 | 11.5 | 18.7 | 18.8 | 2.3 | 2.2 | 10.1    | 9.4    | 4.6  | 4.8 |
| BGrimm Power               | BGRIM TB  | 1,709   | 1        | 23     | 29.9 | 24.2 | 4.6  | 5.9  | 1.5 | 1.4 | 12.0    | 11.4   | 2.4  | 2.7 |
| Ratch Group PCL            | RATCH TB  | 2,032   | 38       | 15     | 9.6  | 8.4  | 7.0  | 8.0  | 0.7 | 0.7 | 15.7    | 13.2   | 6.7  | 6.7 |
| Electricity Generating PCL | EGCO TB   | 1,850   | (265)    | 17     | 8.8  | 7.5  | 6.9  | 7.5  | 0.6 | 0.5 | 12.0    | 14.2   | 1.5  | 1.9 |
| Absolute Clean Energy PCL  | ACE TB    | 397     | 29       | 25     | 9.9  | 6.7  | 8.8  | 11.7 | 0.8 | 0.8 | 7.3     | 5.5    | 5.3  | 5.5 |
| Global Power Synergy       | GPSC TB   | 3,533   | 41       | 28     | 25.2 | 19.6 | 4.3  | 5.0  | 1.1 | 1.0 | 13.2    | 12.8   | 5.3  | 5.5 |
| Gunkul Engineering         | GUNKUL TB | 679     | 20       | 0      | 13.1 | 12.7 | 12.1 | 12.2 | 1.6 | 1.5 | 8.9     | 8.6    | 5.3  | 5.5 |
| Sermsang Power Corporation | SSP TB    | 219     | 3        | 0      | 8.2  | 8.0  | 12.5 | 12.6 | 0.9 | 0.8 | 7.9     | 7.7    | 1.5  | 1.9 |
| Banpu Power PCL            | BPP TB    | 1,130   | (29)     | 8      | 10.3 | 9.3  | 7.2  | 7.5  | 0.7 | 0.7 | 10.5    | 10.2   | 1.5  | 1.9 |
| Total average              |           | 14,106  | 113.0    | 28.6   | 15.2 | 12.1 | 8.7  | 9.9  | 1.1 | 1.1 | 12.3    | 11.7   | 3.8  | 4.0 |

Sources: Bloomberg; \*FSSIA estimates



## **Financial Statements**

WHA Utilities & Power

| Profit and Loss (THB m) Year Ending Dec           | 2022    | 2023    | 2024E   | 2025E   | 2026E   |
|---|---------|---------|---------|---------|---------|
| Revenue   | 2,443   | 2,782   | 3,165   | 3,392   | 3,554   |
| Cost of goods sold                                | (1,661) | (1,965) | (1,880) | (1,651) | (1,718) |
| Gross profit                                      | 782     | 816     | 1,285   | 1,740   | 1,836   |
| Other operating income                            | -       | -       | -       | -       | -       |
| Operating costs                                   | (279)   | (277)   | (253)   | (305)   | (355)   |
| Operating EBITDA                                  | 871     | 975     | 1,548   | 1,815   | 1,893   |
| Depreciation                                      | (367)   | (436)   | (517)   | (379)   | (412)   |
| Goodwill amortisation                             | 0       | 0       | 0       | 0       | 0       |
| Operating EBIT                                    | 504     | 539     | 1,031   | 1,435   | 1,481   |
| Net financing costs                               | (280)   | (483)   | (492)   | (512)   | (540)   |
| Associates  | 156     | 1,380   | 859     | 912     | 1,009   |
| Recurring non-operating income                    | 277     | 1,418   | 867     | 922     | 1,019   |
| Non-recurring items                               | 0       | 188     | 121     | 0       | 0       |
| Profit before tax                                 | 500     | 1,662   | 1,527   | 1,845   | 1,960   |
| Тах   | (46)    | (31)    | (73)    | (103)   | (105)   |
| Profit after tax                                  | 454     | 1,631   | 1,454   | 1,742   | 1,856   |
| Minority interests                                | 0       | 0       | 0       | 0       | 0       |
| Preferred dividends                               | 0       | 0       | 0       | 0       | 0       |
| Other items                                       | -       | -       | -       | -       | -       |
| Reported net profit                               | 454     | 1,631   | 1,454   | 1,742   | 1,856   |
| Non-recurring items & goodwill (net)              | 0       | (188)   | (121)   | 0       | 0       |
| Recurring net profit                              | 454     | 1,443   | 1,333   | 1,742   | 1,856   |
| Per share (THB)                                   |         |         |         |         |         |
| Recurring EPS *                                   | 0.12    | 0.38    | 0.35    | 0.46    | 0.49    |
| Reported EPS                                      | 0.12    | 0.43    | 0.38    | 0.46    | 0.49    |
| DPS   | 0.25    | 0.25    | 0.25    | 0.25    | 0.30    |
| Diluted shares (used to calculate per share data) | 3,825   | 3,825   | 3,825   | 3,825   | 3,825   |
| Growth  |         |         |         |         |         |
| Revenue (%)                                       | 12.0    | 13.9    | 13.8    | 7.2     | 4.8     |
| Operating EBITDA (%)                              | (3.8)   | 12.0    | 58.8    | 17.2    | 4.3     |
| Operating EBIT (%)                                | (13.1)  | 7.1     | 91.2    | 39.1    | 3.2     |
| Recurring EPS (%)                                 | (47.4)  | 217.6   | (7.6)   | 30.7    | 6.5     |
| Reported EPS (%)                                  | (38.2)  | 259.0   | (10.9)  | 19.8    | 6.5     |
| Operating performance                             |         |         |         |         |         |
| Gross margin inc. depreciation (%)                | 32.0    | 29.3    | 40.6    | 51.3    | 51.7    |
| Gross margin exc. depreciation (%)                | 47.1    | 45.0    | 56.9    | 62.5    | 63.3    |
| Operating EBITDA margin (%)                       | 35.7    | 35.1    | 48.9    | 53.5    | 53.3    |
| Operating EBIT margin (%)                         | 20.6    | 19.4    | 32.6    | 42.3    | 41.7    |
| Net margin (%)                                    | 18.6    | 51.9    | 42.1    | 51.4    | 52.2    |
| Effective tax rate (%)                            | 13.3    | 11.1    | 11.0    | 11.0    | 11.0    |
| Dividend payout on recurring profit (%)           | 210.5   | 66.3    | 71.8    | 54.9    | 61.8    |
| Interest cover (X)                                | 2.8     | 4.1     | 3.9     | 4.6     | 4.6     |
| nventory days                                     | -       | -       | -       | -       | -       |
| Debtor days                                       | 52.3    | 59.3    | 63.9    | 71.7    | 80.7    |
| Creditor days                                     | 131.8   | 119.8   | 136.5   | 142.3   | 142.1   |
| Operating ROIC (%)                                | 7.3     | 6.7     | 11.1    | 13.6    | 12.5    |
| ROIC (%)  | 2.7     | 6.4     | 5.9     | 6.9     | 6.9     |
| ROE (%)   | 3.6     | 11.0    | 9.6     | 12.0    | 12.1    |
| ROA (%)   | 2.6     | 6.5     | 5.8     | 7.0     | 7.0     |
| * Pre-exceptional, pre-goodwill and fully diluted |         |         |         |         |         |
| Revenue by Division (THB m)                       | 2022    | 2023    | 2024E   | 2025E   | 2026E   |
| water business                                    | 2,111   | 2,358   | 2,368   | 2,500   | 2,500   |
| power business                                    | 332     | 424     | 507     | 578     | 2,000   |
| service income                                    |         |         | 290     | 314     | 394     |

Sources: WHA Utilities & Power; FSSIA estimates

## **Financial Statements**

WHA Utilities & Power

| Cash Flow (THB m) Year Ending Dec                             | 2022              | 2023         | 2024E        | 2025E        | 2026E        |
|---|-------------------|--------------|--------------|--------------|--------------|
| ecurring net profit   | 454               | 1,443        | 1,333        | 1,742        | 1,856        |
| epreciation   | 367               | 436          | 517          | 379          | 412          |
| ssociates & minorities  | 156               | 1,380        | 859          | 912          | 1,009        |
| ther non-cash items   | -                 | -            | -            | -            |              |
| hange in working capital                                      | (102)             | (90)         | (166)        | (115)        | (116)        |
| ash flow from operations                                      | 876               | 3,169        | 2,543        | 2,919        | 3,161        |
| apex - maintenance  | (1,513)           | (1,422)      | (1,422)      | (1,422)      | (1,422)      |
| Capex - new investment  | (45)              | (36)         | 0            | 0            | )            |
| let acquisitions & disposals                                  | 632               | 640          | 600          | 600          | 600          |
| Other investments (net)                                       | (026)             | - (010)      | (922)        | (922)        | (022)        |
| Cash flow from investing                                      | (926)             | (818)        | (822)        | (822)        | (822)        |
| Dividends paid<br>Equity finance                              | (3,252)<br>0      | (3,251)<br>0 | (956)<br>0   | (956)<br>0   | (956)<br>(   |
| Debt finance  | 1,399             | 1,159        | 500          | 700          | 990          |
| Other financing cash flows                                    | 1,853             | 109          | (882)        | (1,301)      | (1,360)      |
| Cash flow from financing                                      | 0                 | (1,983)      | (1,338)      | (1,557)      | (1,300)      |
| lon-recurring cash flows                                      |                   | (1,303)      | (1,550)      | (1,557)      | (1,520)      |
| Other adjustments   | 0                 | 206          | 0            | 0            | C            |
| let other adjustments   | (133)             | 200          | (1,027)      | (782)        | (819)        |
| Novement in cash  | (183)             | 574          | (642)        | (241)        | 194          |
| Free cash flow to firm (FCFF)                                 | 363.12            | 2,816.09     | 2,214.22     | 2,609.44     | 2,879.13     |
| ree cash flow to equity (FCFE)                                | 3,068.47          | 3,824.89     | 313.79       | 715.15       | 1,150.02     |
| ,   | -,                | .,           |              |              | .,           |
| er share (THB)  |                   | 0.71         | 0.50         | 0.00         |              |
| CFF per share   | 0.09              | 0.74         | 0.58         | 0.68         | 0.75         |
| CFE per share<br>Recurring cash flow per share                | 0.80<br>0.26      | 1.00<br>0.85 | 0.08<br>0.71 | 0.19<br>0.79 | 0.30<br>0.86 |
|   | 0.20              | 0.00         | 0.71         | 0.19         | 0.80         |
| alance Sheet (THB m) Year Ending Dec                          | 2022              | 2023         | 2024E        | 2025E        | 2026E        |
| angible fixed assets (gross)                                  | 8,229             | 9,631        | 11,053       | 12,474       | 13,896       |
| ess: Accumulated depreciation                                 | (1,584)           | (1,964)      | (2,481)      | (2,860)      | (3,272)      |
| angible fixed assets (net)                                    | 6,645             | 7,668        | 8,572        | 9,614        | 10,624       |
| ntangible fixed assets (net)                                  | 4,681             | 4,642        | 4,642        | 4,642        | 4,642        |
| ong-term financial assets                                     | -                 | -            | -            | -            |              |
| nvest. in associates & subsidiaries                           | 14,321            | 14,961       | 15,561       | 16,161       | 16,761       |
| Cash & equivalents  | 721               | 1,295        | 653          | 412          | 605          |
| VC receivable   | 405               | 500          | 608          | 725          | 846          |
| nventories  | 0                 | 0            | 0            | 0            | C            |
| Other current assets  | 199               | 245          | 278          | 298          | 313          |
| Current assets  | 1,325             | 2,040        | 1,540        | 1,435        | 1,764        |
| Other assets  | 674               | 507          | 507          | 507          | 507          |
| otal assets   | 27,645            | 29,817       | 30,821       | 32,358       | 34,298       |
| Common equity   | 12,621            | 13,567       | 14,094       | 14,910       | 15,840       |
| /inorities etc.   | 0                 | 0            | 0            | 0            | C            |
| otal shareholders' equity                                     | 12,621            | 13,567       | 14,094       | 14,910       | 15,840       |
| ong term debt   | 9,111             | 10,959       | 11,459       | 12,159       | 13,149       |
| Other long-term liabilities                                   | 931               | 948          | 948          | 948          | 948          |
| ong-term liabilities  | 10,042            | 11,908       | 12,408       | 13,108       | 14,098       |
| /C payable  | 475               | 529          | 490          | 502          | 515          |
| Short term debt   | 4,389             | 3,699        | 3,699        | 3,699        | 3,699        |
| Other current liabilities                                     | 118               | 114          | 130          | 140          | 146          |
| Current liabilities   | 4,982             | 4,343        | 4,319        | 4,340        | 4,361        |
| otal liabilities and shareholders' equity                     | 27,645            | 29,817       | 30,821       | 32,358       | 34,298       |
| let working capital   | 10                | 101          | 266          | 382          | 497          |
| nvested capital   | 26,331            | 27,878       | 29,548       | 31,305       | 33,031       |
| Includes convertibles and preferred stock which is bein       | g treated as debt |              |              |              |              |
| er share (THB)  |                   |              |              |              |              |
| Book value per share  | 3.30              | 3.55         | 3.68         | 3.90         | 4.14         |
| angible book value per share                                  | 2.08              | 2.33         | 2.47         | 2.68         | 2.93         |
| inancial strength   |                   |              |              |              |              |
| let debt/equity (%)   | 101.2             | 98.5         | 102.9        | 103.6        | 102.5        |
| let debt/total assets (%)                                     | 46.2              | 44.8         | 47.1         | 47.7         | 47.4         |
| Current ratio (x)   | 0.3               | 0.5          | 0.4          | 0.3          | 0.4          |
| CF interest cover (x)   | 12.1              | 9.0          | 1.6          | 2.4          | 3.1          |
| aluation  | 2022              | 2023         | 2024E        | 2025E        | 2026E        |
|   |                   |              |              |              |              |
| Recurring P/E (x) *   | 45.5              | 14.3         | 15.5         | 11.9         | 11.1         |
| Recurring P/E @ target price (x) *                            | 44.6              | 14.0         | 15.2         | 11.6         | 10.9         |
| Reported P/E (x)  | 45.5              | 12.7         | 14.2         | 11.9         | 11.1         |
| Dividend yield (%)  | 4.6               | 4.6          | 4.6          | 4.6          | 5.6          |
|   | 1.6               | 1.5          | 1.5          | 1.4          | 1.3          |
| rice/book (x)   |                   |              | 0.0          | 2.0          | 1.8          |
|   | 2.6               | 2.3          | 2.2          | 2.0          | 1.0          |
| lrice/book (x)<br>lrice/tangible book (x)<br>:V/EBITDA (x) ** | 2.6<br>38.4       | 2.3<br>34.9  | 2.2<br>22.7  | 19.9         |              |
| rice/tangible book (x)  |                   |              |              |              | 19.5<br>19.3 |

Sources: WHA Utilities & Power; FSSIA estimates



## **Disclaimer for ESG scoring**

| ESG score   | Methodolog  | IY .   |  |   | Rating   |   |   |   |   |  |  |
|---|---|--|--|---|--|---|---|---|---|--|--|
| The Dow<br>Jones<br>Sustainability<br>Indices ( <u>DJSI</u> )<br>By S&P Global                                    | process base<br>from the ann<br>Only the top-<br>inclusion.   | ed on the com<br>ual S&P Glob<br>ranked comp   | transparent, rules-based<br>panies' Total Sustainabil<br>al Corporate Sustainabili<br>anies within each industr  | lity Scores resulting<br>ity Assessment (CSA).<br>y are selected for  | Be a member and invited to the annual S&P Global Corporate<br>Sustainability Assessment (CSA) for DJSI. Companies with an S&P Global<br>ESG Score of less than 45% of the S&P Global ESG Score of the highest<br>scoring company are disqualified. The constituents of the DJSI indices are<br>selected from the Eligible Universe.  |   |   |   |   |  |  |
| Sustainability<br>Investment<br>List ( <u>THSI</u> )<br>by The Stock<br>Exchange of<br>Thailand<br>( <u>SET</u> ) | managing bu<br>Candidates r<br>1) no irregula<br>float of >150<br>up capital. S<br>70%; 2) inde<br>wrongdoing   | usiness with tr<br>must pass the<br>ar trading of th<br>shareholders<br>ome key disque<br>pendent direct<br>related to CG,                       | ility in Environmental and<br>ansparency in Governan<br>preemptive criteria, with<br>he board members and e:<br>, and combined holding r<br>ualifying criteria include:<br>tors and free float violatio<br>, social & environmental i<br>earnings in red for > 3 year  | ce, updated annually.<br>two crucial conditions:<br>xecutives; and 2) free<br>nust be >15% of paid-<br>1) CG score of below<br>or; 3) executives'<br>impacts; 4) equity in  | To be eligible for <u>THSI inclusion</u> , verified data must be scored at a minimum of 50% for each indicator, unless the company is a part of DJSI during the assessment year. The scoring will be fairly weighted against the nature of the relevant industry and materiality.<br><u>SETTHSI Index</u> is extended from the THSI companies whose 1) market capitalization > THB5b (~USD150b); 2) free float >20%; and 3) liquidity >0.5% of paid-up capital for at least 9 out of 12 months. The SETTHSI Index is a market capitalisation-weighted index, cap 5% quarterly weight a maximum, and no cap for number of stocks. |   |   |   |   |  |  |
| <b>CG Score</b><br>by Thai<br>Institute of<br>Directors<br>Association<br>(Thai IOD)                              | annually by t<br>Thailand (SE   | he Thai IOD,   | h in sustainable developr<br>with support from the Sto<br>ts are from the perspectiv<br>s.   | ock Exchange of   | Good (80-89),<br>and not rated for<br>equitable treat  | 3 for Good (70<br>or scores belo<br>nent of shareh<br>25%); 4) disclo | ories: 5 for Excell<br>-79), 2 for Fair (6<br>w 50. Weightings<br>olders (weight 2:<br>sure & transpare | 0-69), 1 for P<br>include: 1) th<br>5% combined | ass (60-69),<br>e rights; 2) and<br>); 3) the role of |  |  |
| AGM level<br>By Thai<br>Investors<br>Association<br>(TIA) with<br>support from<br>the SEC                         | treatment and<br>transparent a<br>out of five the<br>criteria cover<br>date (45%),<br><i>circulation of s</i><br><i>exercised. The</i><br><i>and verifiability</i>  | e incorporatec<br>and sufficiently<br>e CG compon<br>r AGM proced<br>and after the r<br>ufficient informa<br>e second assess<br>r; and 3) openne | which shareholders' rights<br>d into business operations<br>y disclosed. All form impo-<br>ents to be evaluated ann<br>lures before the meeting<br>meeting (10%). (The first a<br>tion for voting; and 2) facilitat<br>es 1) the ease of attending m<br>ses for Q&A. The third involve<br>es, resolutions and voting res | s and information is<br>ortant elements of two<br>nually. The assessment<br>(45%), at the meeting<br>issesses 1) advance<br>ting how voting rights can be<br>neetings; 2) transparency<br>as the meeting minutes that | The scores are classified into four categories: 5 for Excellent (100), 4 for Very Good (90-99), 3 for Fair (80-89), and not rated for scores below 79.   |   |   |   |   |  |  |
| Thai CAC<br>By Thai<br>Private Sector<br>Collective<br>Action Against<br>Corruption<br>(CAC)                      | establishmen<br>policies. The<br>(Companies de<br>Declaration of<br>Certification, ir<br>managers and   | nt of key contr<br>Certification i<br>eciding to becon<br>Intent to kick off<br>including risk ass   | Checklist include corrupti<br>ols, and the monitoring a<br>is good for three years.<br>ne a CAC certified member si<br>an 18-month deadline to sub<br>essment, in place of policy au<br>ablishment of whistleblowing<br>II stakeholders.)  | and developing of<br>tart by submitting a<br>bmit the CAC Checklist for<br>nd control, training of  | The document will be reviewed by a committee of nine professionals. A<br>passed Checklist will move for granting certification by the CAC Council<br>approvals whose members are twelve highly respected individuals in<br>professionalism and ethical achievements.   |   |   |   |   |  |  |
| <u>Morningstar</u><br>Sustainalytics  | based on an<br>risk is unmai  | assessment on aged. Sources  | sk rating provides an ove<br>of how much of a compar<br>s to be reviewed include corp<br>her media, NGO reports/web  |   |  | score is the sum<br>higher ESG risk                                   |   | d risk. The                                     |   |  |  |
|   | information, co   |  | k, ESG controversies, issuer   | <b>NEGL</b><br>0-10   | Low<br>10-20   | Medium<br>20-30   | High<br>30-40   | Severe<br>40+                                   |   |  |  |
| ESG Book  | positioned to<br>the principle<br>helps explair<br>over-weightin  | outperform o<br>of financial m<br>n future risk-ad   | sustainable companies th<br>wer the long term. The m<br>ateriality including inform<br>djusted performance. Ma<br>th higher materiality and<br>arly basis.   | ethodology considers<br>ation that significantly<br>teriality is applied by   | The total ESG score is calculated as a weighted sum of the features scores using materiality-based weights. The score is scaled between 0 and 100 with higher scores indicating better performance.  |   |   |   |   |  |  |
| <u>MSCI</u>   |   |  |  | anagement of financially their exposure to ESG ris  |  |   |   |   | nethodology to  |  |  |
|   | AAA<br>AA<br>A  | 8.571-10.00<br>7.143-8.570<br>5.714-7.142  | Leader:  | leading its industry in m   | anaging the most s   | ignificant ESG ris  | sks and opportunitie  | S   |   |  |  |
|   | BBB<br>BB   | 4.286-5.713  | Average:   | Average: a mixed or unexceptional track record of managing the most significant ESG risks and opportunities r<br>industry peers   |  |   |   |   |   |  |  |
|   | B<br>CCC  | 1.429-2.856  | Laggard:   | lagging its industry base   | ed on its high expos   | ure and failure to  | o manage significan   | t ESG risks                                     |   |  |  |
| Moody's ESG<br>solutions  | Moody's ass believes that   | esses the deg<br>a company ir  | gree to which companies  | take into account ESG o<br>to its business model and<br>medium to long term.  |  |   |   |   |   |  |  |
| <u>Refinitiv ESG</u><br>rating  | based on pu   | blicly available   | e and auditable data. The  | a company's relative ES<br>score ranges from 0 to<br>are 0 to 25 = poor; >25 to 50  | 100 on relative E  | SG performan  | ce and insufficie   | nt degree of t                                  |   |  |  |
| <u>S&amp;P Global</u>   |   |  |  |   |  |   | of ESG risks, opp   | portunities, ar                                 | d impacts   |  |  |
| Bloomberg   | The S&P Global ESG Score is a relative score measuring a company's performance on and management of ESG risks, opportunities, and impacts compared to its peers within the same industry classification. The score ranges from 0 to 100.         ESG Score       Bloomberg score evaluating the company's aggregated Environmental, Social and Governance (ESG) performance. The score is based on Bloomberg's view of ESG financial materiality. The score is a weighted generalized mean (power mean) |  |  |   |  |   |   |   |   |  |  |
|   | score is based on Bloomberg's view of ESG financial materiality. The score is a weighted generalized mean (power mean)<br>of Pillar Scores, where the weights are determined by the pillar priority ranking. Values range from 0 to 10; 10 is the best.<br>ESG Disclosure Score Disclosure of a company's ESG used for Bloomberg ESG score. The score ranges from 0 for none to 100 for disclosure of   |  |  |   |  |   |   |   |   |  |  |

Rating regarding the sustainable development of Thai listed companies, both on the SET and MAI, are publicly available on the website of the Securities and Exchange Commission of Thailand (SEC). Currently, ratings available are 1) "CG Score"; 2) "AGM Level"; 3) "Thai CAC"; and 4) THSI. The ratings are updated on an annual basis. FSSIA does not confirm nor certify the accuracy of such ratings. Source: FSSIA's compilation

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#### History of change in investment rating and/or target price



Songklod Wongchai started covering this stock from 5-Sep-2024

Price and TP are in local currency

Source: FSSIA estimates

| Company               | Ticker   | Price    | Rating | Valuation & Risks  |
|-----------------------|----------|----------|--------|--|
| WHA Utilities & Power | WHAUP TB | THB 5.40 | HOLD   | <ul> <li>ราคาก๊าซฯ ปรับขึ้น ขณะที่ราคาไฟฟ้าปรับลง หรือถูกกดดันจากมาตราการภาครัฐ จะส่งผลให้<br/>margin โรงไฟฟ้าแคบลงอย่างมีนัย</li> <li>การปรับเปลี่ยนนโยบายพลังงานของภาครัฐ</li> </ul> |

#### Source: FSSIA estimates

#### **Additional Disclosures**

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited.

All share prices are as at market close on 30-Oct-2024 unless otherwise stated.



## **RECOMMENDATION STRUCTURE**

#### **Stock ratings**

Stock ratings are based on absolute upside or downside, which we define as (target price\* - current price) / current price.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

\* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

#### **Industry Recommendations**

**Overweight.** The analyst expects the fundamental conditions of the sector to be positive over the next 12 months. **Neutral.** The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months. **Underweight.** The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

#### **Country (Strategy) Recommendations**

**Overweight (O).** Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.