



- Coal operations
- Coal development
- Thermal power
- Gas
- Solar farm
- Solar rooftop
- Battery production
- Wind farm
- E-mobility
- Innovation lab

COAL BUSINESS	Ownership (%)	Mining method	Resources (Mt) <sup>1</sup>	Reserves (Mt) <sup>2</sup>
<b>Indonesia</b>				
Indominco <sup>(4)</sup>	68%	OP	280	22
Kitadin-Embalut	68%	OP	97	0
Trubaindo	68%	OP	394	32
Bharinto	68%	OP	420	134
Jorong	68%	OP	63	7
NPR	68%	OP	143	77
GPK	68%	OP	22	22
<b>Total Indonesia</b>				<b>295</b>

<b>Australia</b>				
Springvale	100%	UG	79	15
Clarence	85%	UG	101	29
Airy	100%	UG	73	22
Angus Place <sup>(5)</sup>	100%	UG	155	53
Ivanhoe <sup>(6)</sup>	100%	UG	8	-
Inglebrook <sup>(8)</sup>	95%	UG	58	-
Neubecks <sup>(8)</sup>	50%	OP	13	8
<b>Western operations</b>				<b>127</b>
Mandalong	100%	UG	147	50
Myuna	100%	UG	271	32
Newstan <sup>(9)</sup>	100%	UG	218	43
<b>Northern operations</b>				<b>125</b>
<b>Total Australia</b>				<b>251</b>

<b>China</b>				
Gaohe	45%	UG	262	98
Hebi	40%	UG	45	13
<b>Total</b>				<b>111</b>

<b>Mongolia</b>				
Unst Khudag	80%			<b>UNDER REVIEW</b>
Tsant Ulul	80-90%			<b>UNDER REVIEW</b>
<b>BANPU COAL BUSINESS</b>				<b>656</b>

POWER BUSINESS	Ownership (%)**	Power (MW)	Steam (tph)	Equity (MWe) <sup>2</sup>
<b>OPERATIONS</b>				<b>3,922</b>
<b>Thermal operations</b>				
BLCP	50%	1,434	-	717
HPC	40%	1,878	-	751
China CHP	70-100%	286	1,048	548
Shanxi Lu Guang	30%	1,320	-	396
Temple I CCGT	100%	768	-	768
Nakoso ICGT	13%	543	-	73

RENEWABLES OPERATIONS	Ownership (%)**	Power (MW)	Steam (tph)	Equity (MWe) <sup>2</sup>
<b>Renewables operations</b>				
China Solar	100%	177	-	177.3
China Solar: Rooftops & Floating	100%	9	-	8.7
Japan Solar	40-100%	153	-	141.3
Japan Solar: Rooftops & Floating	100%	8	-	8.1
Australia Solar	100%	167	-	166.8
Vietnam Solar	100%	35	-	35.0
Vietnam Solar: Rooftops & Floating	49%	26	-	13.0
Vietnam Wind	100%	38	-	37.6
Indonesia Solar: Rooftops & Floating	100%	9	-	8.9
Thailand Solar: Rooftops & Floating	100%	72	-	71.6

PROJECTS GROWTH TO 2025	Ownership (%)**	Power (MW)	Steam (tph)	Equity (MWe) <sup>2</sup>
<b>Renewables growth</b>				<b>288.0</b>
China Solar: Rooftops & Floating	100%	57	-	57.4
Japan Solar projects	51%	200	-	102.0
Vietnam Solar: Rooftops & Floating	49%	98	-	48.1
Vietnam Wind project	100%	80	-	80.0
Indonesia Solar: Rooftops & Floating	100%	1	-	0.5
<b>BANPU POWER BUSINESS</b>				<b>4,210</b>

GAS BUSINESS	1P reserves (Tcfe) <sup>3</sup>
<b>United States</b>	
Marcellus and Barnett shales	4.9

<sup>(1)</sup> proved and probable (100% basis) <sup>(2)</sup> Banpu Power and Banpu NEXT 100% basis <sup>(3)</sup> Banpu 100% basis  
<sup>(4)</sup> include west and east block <sup>(5)</sup> project <sup>(6)</sup> C&M <sup>(7)</sup> prepare for closure

Consolidated income statement summary (USD million)	2021	2022	4Q22	1Q23
Revenues	4,124	7,693	2,268	1,312
Gross profit	1,731	4,077	1,123	440
EBITDA	1,778	3,916	1,023	467
D&A	(507)	(634)	(146)	(165)
Gross interest paid	(184)	(265)	(83)	(88)
Income tax - core	(162)	(342)	(83)	(51)
Income tax - non core	(10)	(42)	(24)	(2)
Deferred tax income (expenses)	(26)	(137)	86	27
Minorities	(189)	(460)	(112)	(80)
Profit before non-recurring items	700	2,036	661	107
Non-recurring items*	(26)	(62)	(404)	82
Derivative gain (loss)	(445)	(816)	(127)	(27)
FX translations	74	5	(137)	(14)
NPAT	304	1,162	(7)	147
Dividends	56	77	30	-
Paid-up shares (Mn)	6,786	8,454	8,454	8,454
Per share data				
EPS (USD/sh)	0.045	0.137	(0.001)	0.017
BVPS (USD/sh)	0.459	0.521	0.521	0.545

Dividend per share (THB / share)	2021	2022	1H22	2H22
DPS	0.45	1.20	0.45	0.75

\* Income from non-core assets and other non-operating expenses

**ENERGY RESOURCES**

INDONESIA COAL	2021	2022	4Q22	1Q23	2Q23e
<b>100% basis (ROM production)</b>					
<b>Operational data</b>					
Coal output (Mt)					
Indominco <sup>(4)</sup>	7.3	6.8	1.6	1.5	1.6
Kitadin-Embalut	1.4	0.2	-	-	-
Trubaindo	3.7	3.0	0.8	0.6	0.8
Bharinto	4.8	5.7	1.8	1.6	1.6
Jorong	0.9	0.9	0.2	0.1	0.1
<b>Total Indonesia coal</b>	<b>18.2</b>	<b>16.5</b>	<b>4.3</b>	<b>3.8</b>	<b>4.1</b>

Strip ratio (x)					
Indominco <sup>(4)</sup>	11.1	10.3	10.5	11.6	15.4
Kitadin-Embalut	18.3	17.9	-	-	-
Trubaindo	11.1	13.2	12.7	18.0	13.7
Bharinto	6.5	9.6	10.4	9.1	9.0
Jorong	13.2	14.5	15.5	15.0	11.1
<b>Average strip ratio</b>	<b>10.5</b>	<b>10.6</b>	<b>11.0</b>	<b>11.5</b>	<b>12.2</b>

Financial data (USD million)	2021	2022	4Q22	1Q23	2Q23e
NEX (USD/t)	138	367	386	257	n.a
ITM ASP (USD/t)	104	193	199	152	-
Revenue	2,090	3,650	1,025	688	-
EBITDA	887	1,846	472	258	-

**ENERGY GENERATION**

BLCP	2021	2022	4Q22	1Q23
<b>100% basis</b>				
<b>Operational data</b>				
Equivalent availability (%)	91%	87%	91%	86%
Contract available (hr)	15,966	15,256	3,361	3,695
Net generation (GWh)	10,719	10,260	2,256	2,477

Financial data (USD million)	2021	2022	4Q22	1Q23
Revenue	479	493	132	115
EBITDA	98	90	28	8
Profit contribution to Banpu*	7	17	18	3
* Including impact from FX translation gain of USD 0.8 million and deferred tax loss of USD 0.5 million in 1Q23				

HPC	2021	2022	4Q22	1Q23
<b>100% basis</b>				
<b>Operational data</b>				
Equivalent availability (%)	85%	86%	81%	96%
Contract available (hr)	22,639	23,046	5,456	6,283
Net generation (GWh)	11,881	12,180	2,900	3,372

Financial data (USD million)	2021	2022	4Q22	1Q23
Revenue	649	638	149	181
EBITDA	369	362	64	114
Profit contribution to Banpu*	113	107	10	33
* Including impact from FX translation gain of USD 0.2 million in 1Q23				

Nakoso	2021	2022	4Q22	1Q23
<b>100% basis</b>				
<b>Operational data</b>				
Equivalent availability (%)	34%	32%	16%	4%
Net generation (GWh)	1,023	1,332	166	42

Financial data (USD million)	2021	2022	4Q22	1Q23
Profit contribution to Banpu (USD million)	7	8	(1)	(2)

Temple I	2021	2022	4Q22	1Q23
<b>100% basis</b>				
<b>Operational data</b>				
Equivalent availability (%)	100%	83%	53%	95%
Capacity factor (%)	37%	59%	38%	66%
Net generation (GWh)	417	3,810	632	1,069

Financial data (USD million)	2021	2022	4Q22	1Q23
Revenue	20	502	269	36
EBITDA	1	87	44	(3)
Profit contribution to Banpu*	2	22	(8)	(6)
* Includes gain on financial derivatives of USD 7 million in 1Q23				

EBITDA breakdown (USD million)	2021	2022	4Q22	1Q23
Coal - Indonesia	887	1,846	472	258
Coal - Australia	152	578	174	37
Coal - China	129	230	75	52
Coal business	1,169	2,654	722	346
Gas business	508	1,052	246	74
Power business	109	231	60	47
Energy Technology	(8)	(22)	(4)	(0)
Other liabilities	1,778	3,916	1,023	467

Banpu's debt FX structure	2021	2022	4Q22	1Q23
USD Float	26%	35%	35%	35%
USD Fixed	30%	11%	11%	11%
THB Float	17%	11%	11%	10%
THB Fixed	19%	37%	37%	38%
AUD Float	5%	4%	4%	4%
AUD Fixed	2%	1%	1%	1%
RMB Float	1%	1%	1%	1%
Total (\$ bn)	6.0	6.0	6.0	6.4
<b>FX</b>				
IDR/USD	14,258	14,853	15,543	15,205
AUD/USD	0.8	0.7	0.7	0.7
RMB/USD	6.4	6.7	7.1	6.8
THB/USD	32.0	34.6	34.6	33.9
JPY/USD	109.7	131.3	141.3	132.2

AUSTRALIA COAL	2021	2022	4Q22	1Q23	2Q23e
<b>Equity basis</b>					
<b>Operational data</b>					
Coal output (Mt)					
Springvale	2.1	2.3	0.4	0.5	0.9
Clarence	1.4	1.3	0.3	0.2	0.3
Airy <sup>(5)</sup>	1.3	1.2	0.5	0.1	0.2
Angus Place <sup>(5)</sup>					
Ivanhoe <sup>(6)</sup>					
Inglebrook <sup>(8)</sup>					
Neubecks <sup>(8)</sup>					
<b>Western operations</b>	<b>4.8</b>	<b>4.8</b>	<b>1.2</b>	<b>0.8</b>	<b>1.4</b>
Mandalong	3.8	2.8	0.3	0.7	0.3
Myuna	0.9	1.0	0.3	0.3	0.3
Newstan <sup>(9)</sup>					
<b>Northern operations</b>	<b>4.7</b>	<b>3.9</b>	<b>0.6</b>	<b>1.0</b>	<b>0.6</b>
<b>Total Australia coal</b>	<b>9.5</b>	<b>8.7</b>	<b>1.8</b>	<b>1.8</b>	<b>2.0</b>

Financial data (USD million)	2021	2022	4Q22	1Q23	2Q23e
NEX (USD/t)	138	367	386	257	n.a
ASP (AUD/t)	99	213	287	181	-
Revenue	728	1,253	375	219	-
EBITDA	152	578	174	37	-

CHINA CHP	2021	2022	4Q22	1Q23
<b>100% basis</b>				
<b>Operational data</b>				
Utilization (hr)	4,376	3,733	1,170	1,569
Electricity sold (GWh)	538	464	148	198
Steam sold ('				