

**Program Results Framework**

		Baseline Year	2019	2020	2021	2022	2023
<b>Disbursement-Linked Indicator (DLI)</b>	<b>DLI (Yes/No)</b>	<b>Baseline Value</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Number of customers connected to gas fuels increased to 1.2 million customers by 2022.	Yes/DLI 1.	307,078 customers.		At least 400,000 customers.	At least 800,000 customers.	At least 1,200,000 customers.	
Volume of gas consumption increased to 316.63 Nm <sup>3</sup> by 2023.	Yes/DLI 2.	13,900 Nm <sup>3</sup> of consumption.		At least 32.35 million Nm <sup>3</sup> of consumption.	At least 101.33 million Nm <sup>3</sup> of consumption.	At least 213.57 million Nm <sup>3</sup> of consumption.	At least 316.63 million Nm <sup>3</sup> of consumption.
1.02 million tons of coal use to be annually avoided, thereby 1.8 million tons of carbon dioxide emission, 11,242 tons of SO <sub>2</sub> , 5,331 tons of PM <sub>2.5</sub> emission, and 2,252 tons of NOx emission to be annually avoided.	No.	42 tons of coal use to be avoided, 77 tons of carbon dioxide, 0.50 tons of SO <sub>2</sub> , 0.14 tons of PM <sub>2.5</sub> , and 0.10 tons of NOx emission to be avoided.		0.10 million tons of coal use to be avoided, 0.18 million tons of carbon dioxide 1,167 tons of SO <sub>2</sub> , 349 tons of PM <sub>2.5</sub> , and 238 tons of NOx emissions to be avoided.	0.33 million tons of coal use to be avoided, 0.58 million tons of carbon dioxide 3,645 tons of SO <sub>2</sub> , 1,719 tons of PM <sub>2.5</sub> , and 741 tons of NOx emissions to be avoided.	0.69 million tons of coal use to be avoided, 1.2 million tons of carbon dioxide 7,636 tons of SO <sub>2</sub> , 3,611 tons of PM <sub>2.5</sub> , and 1,542 tons of NOx emissions to be avoided.	1.02 million tons of coal use to be avoided, 1.8 million tons of carbon dioxide 11,242 tons of SO <sub>2</sub> , 5,331 tons of PM <sub>2.5</sub> , and 2,252 tons of NOx emissions to be avoided.
CNY915 million of commercial financing mobilized for cleaner fuel switch to continuously implement the overall program from 2022 and beyond.	Yes/DLI 3.	No fund commitment for post-RBL.				CNY915 million of commercial financing mobilized.	
Total length of installed gas distribution network pipeline reach 26,880 km by 2021.	Yes/DLI 4.	6,877 km of distribution pipeline.	At least 8,960 km of distribution pipeline.	At least 17,920 km of distribution pipeline.	At least 26,880 km of distribution pipeline.		
12 gas station installed by 2021.	Yes/DLI 5.	1 gas station.	At least 4 gas stations.	At least 8 gas stations.	At least 12 gas stations.		
360,000 of gas stove installed for households.	No.	60,000 stoves.		120,000 stoves.	240,000 stoves.	360,000 stoves.	
DLI 6: Total annual biogas fuel production reached to 17 million Nm <sup>3</sup> by 2023.	Yes/DLI 6.	None.			Biogas production	At least 8.5 million Nm <sup>3</sup> of	At least 17 million Nm <sup>3</sup> of biogas

Disbursement-Linked Indicator (DLI)	DLI (Yes/No)	Baseline Value	Baseline Year	2019	2020	2021	2022	2023
Agriculture waste supply system established to ensure long term resource supply for biogas production.	No.	None.	2018			facility physically completed.	biogas annually produced. Agriculture waste supply contract concluded to ensure long term resource supply for biogas production.	annually produced.
At least 50% of participants in 500 gender-sensitive cleaner fuel use awareness outreach programs are women.	Yes/DLI 7.	No gender-focused awareness program in place.	2018	At least 20 gender-sensitive cleaner awareness program convened, and at least 50% of participants are women.	At least 100 gender-sensitive cleaner awareness program convened, and at least 50% of participants are women.	At least 220 gender-sensitive cleaner awareness program convened, and at least 50% of participants are women.	At least 350 gender-sensitive cleaner awareness program convened, and at least 50% of participants are women.	At least 500 gender-sensitive cleaner awareness program convened, and at least 50% of participants are women.
Institutional and organizational capacity enhanced in management information system, financial and risk management, social and environment safeguard with full staffing (at least 30% women).	Yes/DLI 8.	182 staff of YTNE (including 15% women) employed. No integrated management information system in place, and no financial and risk management guideline in place.	2018	Financial and Risk Management Guidelines; and safeguard management guidelines adopted.	250 staff of YTNE engaged (including 20% women). Integrated enterprise resources planning systems (including management information reporting) installed. <sup>a</sup>	Fund raising plan to raise at least CNY915 million for the program implementation from 2022 approved by ZYIG and YTNE.	300 staff of YTNE engaged for the program implementation from 2022 (including 30% women).	

DLI = disbursement-linked indicator, km = kilometer, m<sup>3</sup> = cubic meter, Nm<sup>3</sup> = normal cubic meter, NO<sub>x</sub> = nitrogen oxide, PM<sub>2.5</sub> = particulate matter less than 2.5 micrometers in diameter, RBL = results-based lending, SO<sub>2</sub> = sulfur dioxide, YTNE = Henan Yu-Tian New Energy Co. Ltd., ZYIG = Zhongyuan Yuzi Investment Holding Group.

<sup>a</sup> Includes customer services, construction and purchase management, human resources, accounting and financial management, safety monitoring, and management information reporting.

Sources: Asian Development Bank and Zhongyuan Yuzi Investment Holding Group.