AFRICA ENERGY CORP

Exploration and Development in South Africa

DEEPSEA

May 2023

A LUNDIN GROUP COMPANY

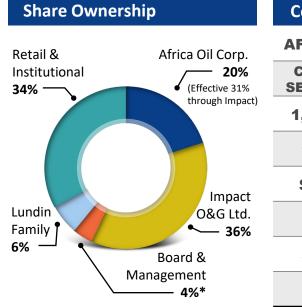


The Odfjell Deepsea Stavanger rig drilled the Brulpadda-1AX discovery in February 2019 and the Luiperd-1X discovery in October 2020 on Block 11B/12B offshore South Africa.

Corporate Profile

AFRICA ENERGY

- Independent oil and gas exploration company
- Two large gas condensate discoveries on Block 11B/12B offshore South Africa
- Nearby gas infrastructure and demand in Mossel Bay
- Planning gas condensate development with TotalEnergies



Corporate Snapshot					
AFE/AEC	TSX-V/First North Ticker				
C\$0.14 SEK 1.02	Share Price at May 16, 2023				
1,408 ⁽¹⁾	Common Shares (million)				
93.0	Stock Options (million)				
\$145	Market Cap (US\$ million)				
\$5	Debt at Mar. 31, 2023 (US\$ million)				
\$2.7	Cash at Mar. 31. 2023 (US\$ million)				
8	Number of Employees				

* Includes shares held by Ashley Heppenstall and other advisors to the Board of Directors.

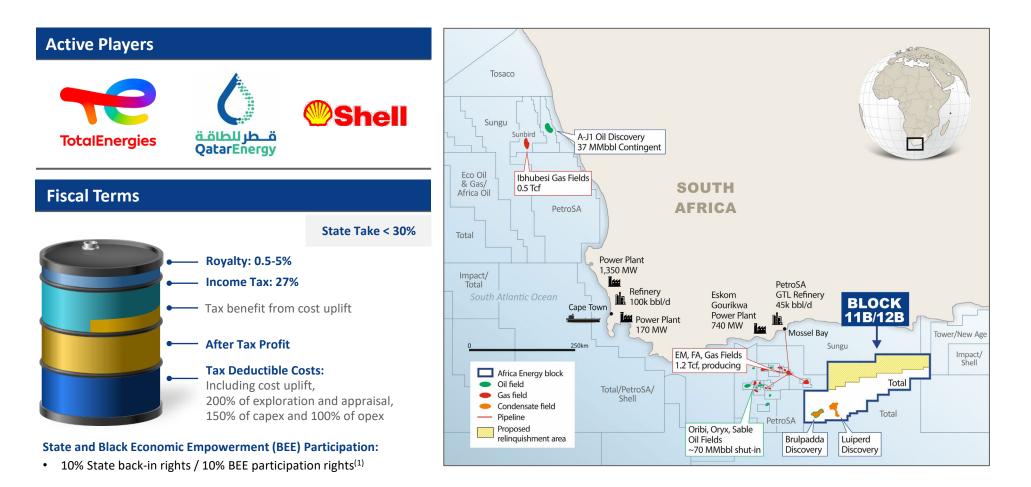
(1) Pending transaction with Arostyle may increase shares outstanding by 64.5 million.



Equity Research							
Arctic Securities	Oslo	Daniel Stenslet					
Carnegie Securities	Oslo	Oddvar Bjørgan					
Fearnley Securities	Oslo	Sander Solheim Nilsen					
Pareto Securities	Oslo	Tom Erik Kristiansen					
SpareBank 1 Markets	Oslo	Teodor Sveen-Nilsen					

South Africa Attractive Location and Fiscal Terms





Existing discoveries and nearby infrastructure

(1) Draft Upstream Petroleum Resources Development Bill proposes an increase in State Participation from 10% to 20%.

Block 11B/12B Large Discoveries with De-Risked Upside

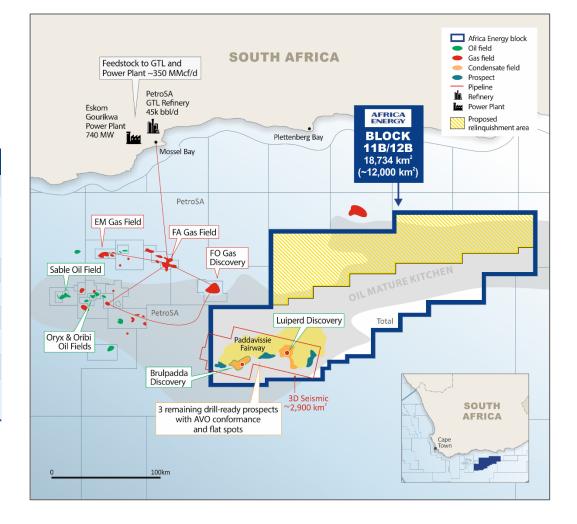


- Two major gas condensate discoveries
- Massive acreage position with significant upside
- Production Right application submitted
- Negotiating gas offtake terms

Asset Summary					
AEC effective interest	4.9% ⁽¹⁾				
Partners	TotalEnergies (operator with 45%), QatarEnergy (25%),				
	Canadian Natural Resources (20%)				
Basin	Outeniqua Basin				
Discovery wells	Brulpadda-1AX / Luiperd-1X + DST				
Water depth	1,432 m / 1,767 m				
Resources	> 1 Bboe ⁽²⁾				
Play type	Submarine fan				
Current program	Production Right application and gas commercialization				

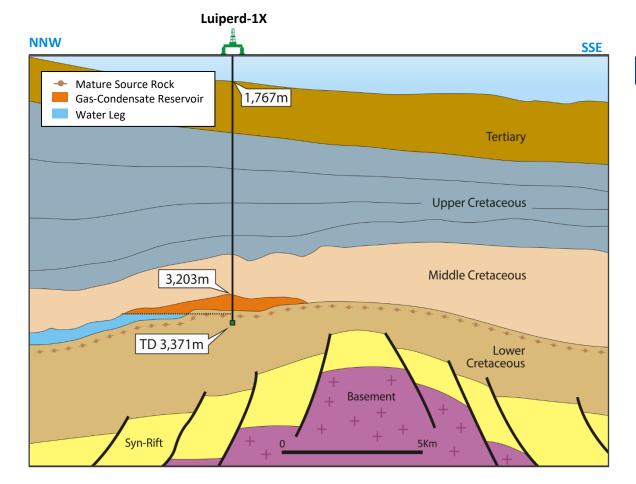
(1) The Company has signed definitive agreements that, subject to approvals and completion, will increase the effective interest in Block 11B/12B to 10%.

(2) Resource numbers obtained from third-party public disclosure and have not been subject to independent audit by the Company.



Block 11B/12B Luiperd Gas Condensate Discovery





Paddavissie Objective

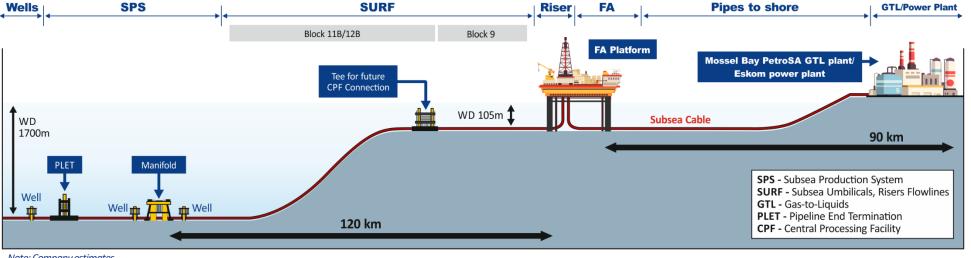
- 73 meters net gas condensate pay
- · Gas down to bottom of reservoir
- Possible oil rim down-dip
- Significantly de-risks remaining three Paddavissie Prospects
- Drill stem test (DST) flowed 33 MMcfpd natural gas and 4,320 bpd condensate on 58/64" choke
- Reservoir connectivity better than expected
- Absolute open flow (AOF) potential expected to be significantly higher than restricted DST flow rate
- Positive DST results improve development scenario

Block 11B/12B Proposed Fast-Track Development

Planning Luiperd Early Production System (EPS) with existing nearby infrastructure

- Production Right (PR) application submitted in September 2022
- PR approval expected 12-18 months after submission (Q1 2024)
- Negotiating gas offtake terms during PR application process
- > Final Investment Decision (FID) expected after PR approval
- > First production expected 24-36 months after FID



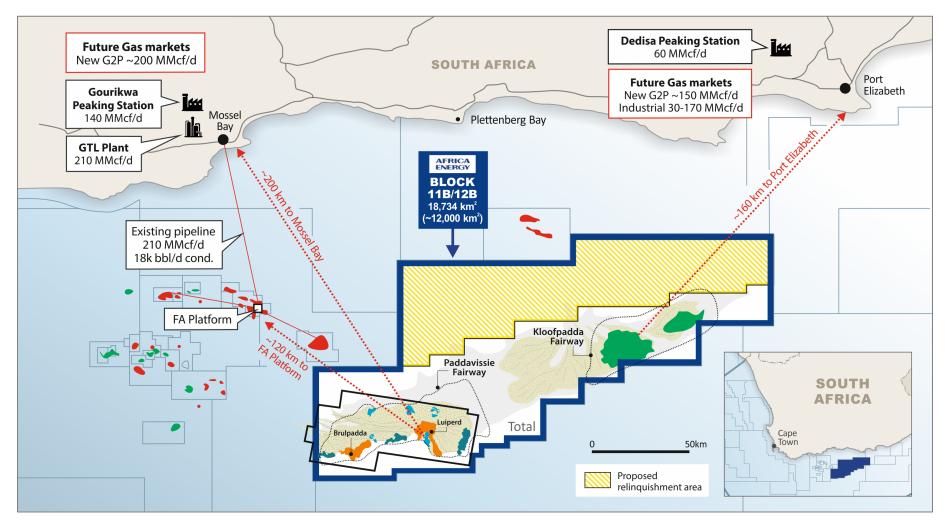


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Block 11B/12B Potential Domestic Gas Market



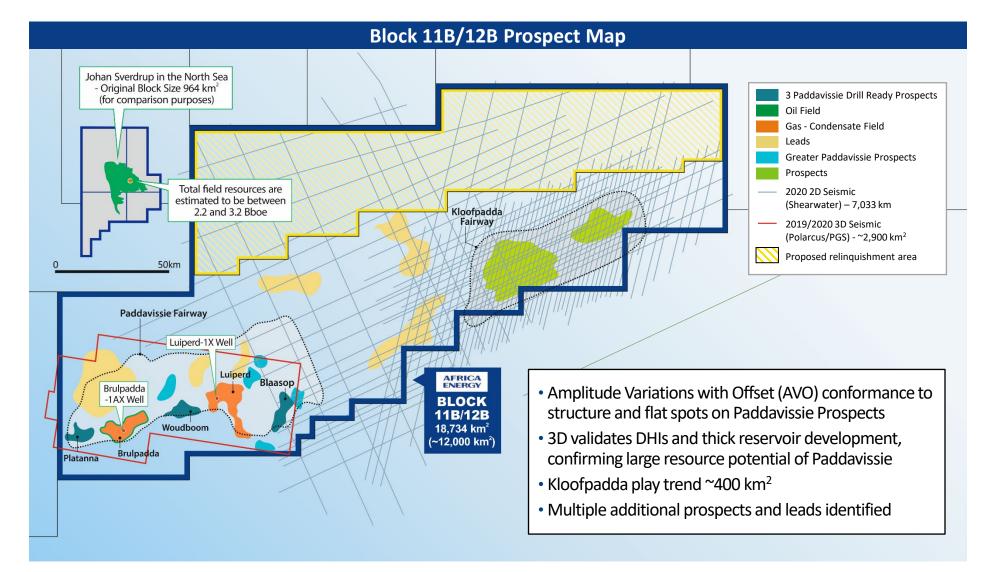


Full field development expected as domestic gas market expands

Note: Future gas market potential includes Company estimates.

Block 11B/12B Huge Block with Running Room

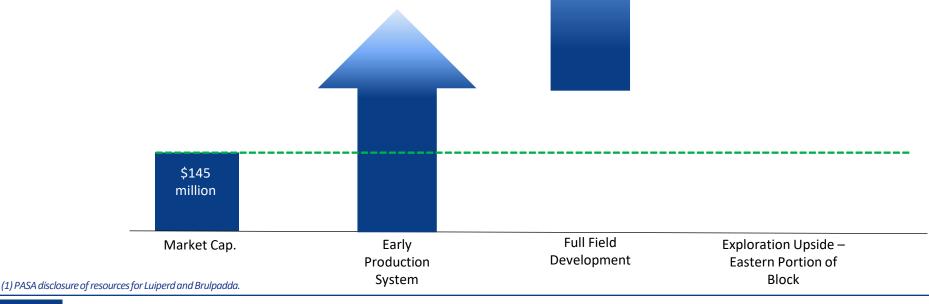




Block 11B/12B Value Proposition

- > Domestic solution to energy crisis in South Africa
- > Attractive fiscal terms improve value per barrel
- Luiperd and Brulpadda discoveries contain at least 760 million barrels of oil equivalent⁽¹⁾
- Three de-risked prospects remain TotalEnergies estimates
 >1 Bboe across Paddavissie Fairway
- Current market capitalization of \$145 million = <\$1.45/boe</p>
- Significant upside in eastern portion of block with oil potential





Summary



World-Class Assets

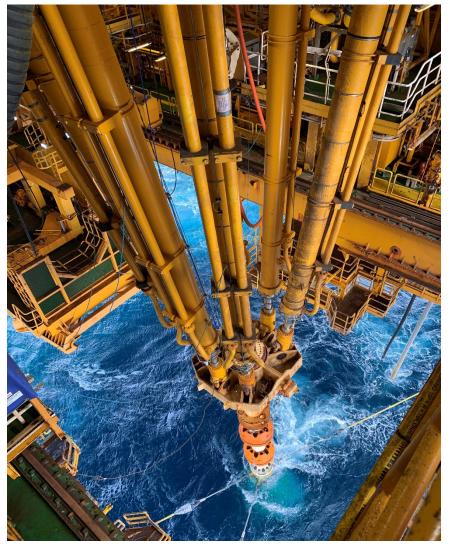
- Offshore gas condensate development with TotalEnergies
- Discovered resources, de-risked prospects and significant exploration upside

Strong Fundamentals

- Nearby infrastructure with existing pipelines to shore
- Gas demand in Mossel Bay with existing gas-to-liquids refinery and power plant

Solid Backing

• Supportive shareholders from Impact Oil & Gas, Africa Oil and the Lundin family



The Odfjell Deepsea Stavanger rig on Block 11B/12B offshore South Africa.



Appendix

Source: Economic data – Reuters and Business Tech.

On February 9, 2023, South African President Ramaphosa declared a national "state of disaster" due to crippling power shortages.

South Africa

Energy Crisis

- Economic cost of load shedding was \$1.3 billion in 2022
- At least 250 days of load shedding expected in 2023
- Load shedding expected to wipe 2% off economic growth in 2023
- Gas seen as transitional fuel towards netzero carbon emissions







South Africa Energy Crisis Solution



Techno	ology	Capital cost	LCOE ¹	Build time	Build	Own	Operate	CO ₂ Emissions
6	Gas	925-1300 \$/kW	7.1 – 10 US\$c/kWh for SA @US\$7/mmBTU ² LNG spot @ ~US\$57	24-60 months	Ø			0.32-0.52 Mt/MWh
	BES	1947³ \$/kW	25.23 US\$ c/kWh	12-24 months				None
	Hydro PS	1727 ⁴ \$/kW	14.35 ⁴ US\$ c/kWh	8+ years	v		Ø	None
	Nuclear	12 800 \$/KW	20,4 US\$ c/kWh	12-15 years	⊗	⊗	V	None
	New coal	6 225 \$/kW	15,2 US\$ c/kWh	10-12 years	8	⊗	⊗	0.83-1.14 Mt/MWh

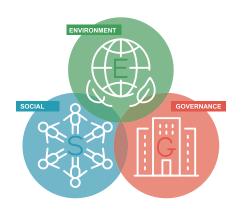
1. Capital cost includes EPC cost, capital cost during constriction, LCOE – levelized cost of energy; 2. CCGT – peaking is higher at 19.6c/kWh; 3. Calculated from JT35 energy cost assumptions for 100MW 4 hour plants 4. Calculated using JT35 energy modelling assumptions as a base; Higher limits of various sources illustrated where appropriate; Costs converted using R16/USD where appropriate Source: Lazard 2021 costs; Eskom Journey to 2035 assumptions

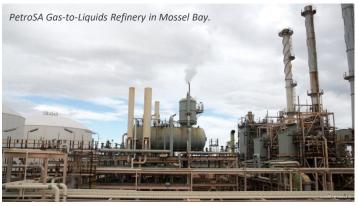
Eskom: Gas is the optimal solution from a technical, economic and environmental perspective

Source: Eskom CEO presentation; Southern Africa Oil & Gas Conference, September 2022.

Block 11B/12B Key to the Energy Transition

- South Africa is a carbon-intensive economy and contributes approximately 1% of annual global greenhouse gas (GHG) emissions
- Eskom currently relies on coal-fired power stations to produce approximately 90% of its electricity
 - infrastructure insufficient to meet demand, rolling blackouts
- Block 11B/12B gas could replace more than 2,300 MW of diesel-fired electricity generation (Gourikwa, Dedisa and Ankerlig)
 - reducing plant carbon emissions more than 50% while also eliminating sulphur oxide and nitrogen oxide emissions
- Restarting the gas-to-liquids (GTL) refinery in Mossel Bay with feedstock from Block 11B/12B could save approximately 1,200 direct jobs

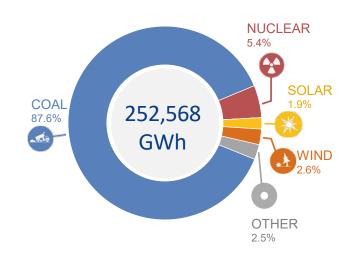




Sources: Eskom, IEA 2019 data (pie chart) and "South Africa's road to net zero emissions will be via gas," by Dr. Masangane, CEO of the Petroleum Agency of South Africa (PASA).



South Africa Power Generation Mix

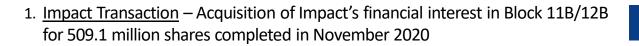






Block 11B/12B Transactions More Than Double Effective Interest

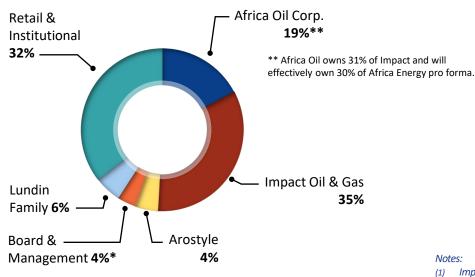




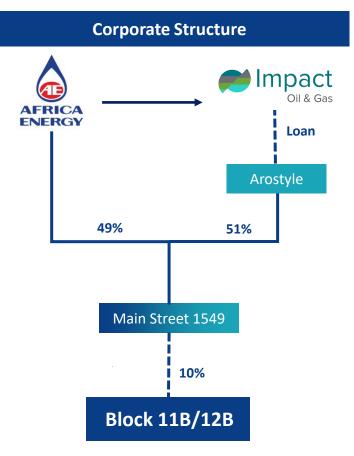
2. Arostyle Transaction – Mutual put/call option to transfer Main Street's 10% interest in Block 11B/12B to Africa Energy and issue 64.5 million shares

At completion, Africa Energy will hold a direct 10% interest in Block 11B/12B





* Includes shares held directly and indirectly by Ashley Heppenstall, an advisor to the Board of Directors.

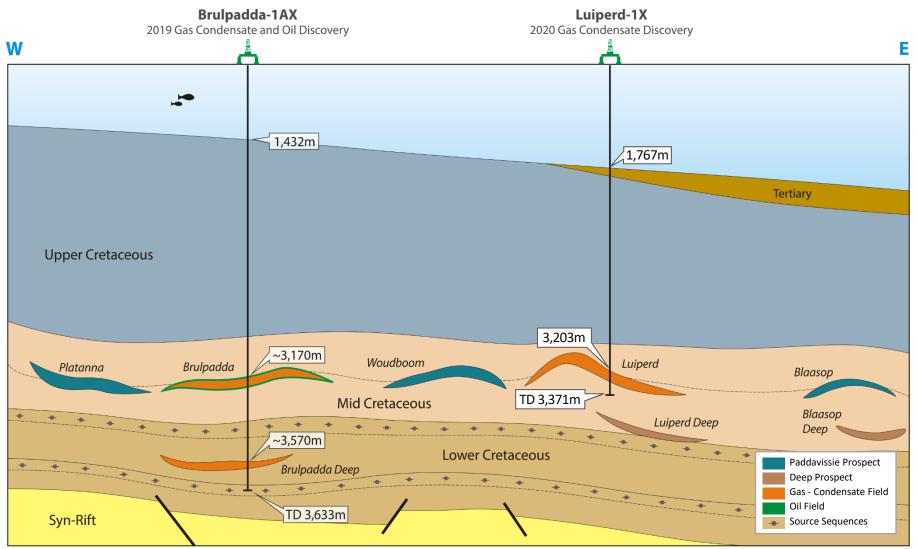


Notes:

- Impact Transaction closed October 22, 2020, and shares were issued on November 12, 2020.
- Arostyle Transaction is subject to South African government approval and Block 11B/12B partner consents and waivers. (2)
- Corporate structure chart is simplified for illustrative purposes. (3)

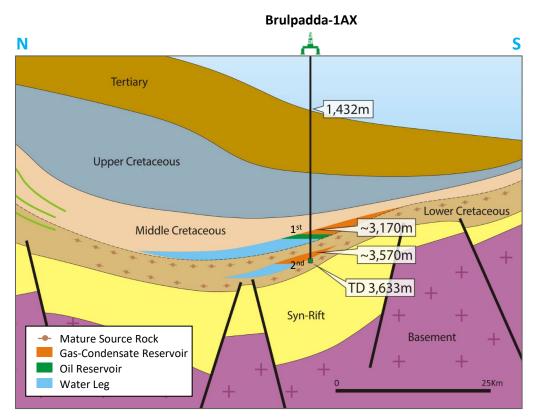
South Africa Block 11B/12B Paddavissie Fairway





Not to scale

South Africa Block 11B/12B Brulpadda Gas Condensate and Oil Discovery



"...Total has opened a new world-class gas and oil play and is well positioned to test several follow-on prospects on the same block."

– Total press release, February 7, 2019.

Paddavissie Objective (Primary)

- 34 meters net gas condensate pay plus oil pay
- High productivity anticipated given high net-to-gross and good quality of reservoirs
- Significantly de-risks remaining three Paddavissie Prospects

Deep Objective (Secondary)

- 23 meters net gas condensate pay
- High productivity anticipated given high net-to-gross and good quality of reservoirs
- De-risks other prospects and leads
- No oil-water contact encountered





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The resource estimates contained herein are estimates only and there is no guarantee that the estimated resources will be recovered. Volumes of resources have been presented based on a gross interest. Contingent resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations using established technology or technology under development, but which are not currently considered to be commercially recoverable due to one or more contingencies. Prospective resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. There is no certainty that it will be commercially viable to produce any portion of the "Contingent Resources" referred to in this presentation. In the case of "Prospective Resources" there is no certainty that any portion of the resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of the resources referred to in this presentation.

Uncertainty Ranges for Resources

Estimates of resource volumes can be categorized according to the range of uncertainty associated with the estimates. Uncertainty ranges are described in the COGE Handbook as low, best and high estimates as follows:

A "low estimate" (1C) is considered to be a conservative estimate of the quantity that will actually be recovered. It is likely that the actual remaining quantities recovered will exceed the low estimate. If probabilistic methods are used, there should be at least a 90% probability (P90) that the quantities actually recovered will equal or exceed the low estimate.

A "best estimate" (2C) is considered to be the best estimate of the quantity that will actually be recovered. It is equally likely that the actual remaining quantities recovered will be greater or less than the best estimate. If probabilistic methods are used, there should be at least a 50% probability (P50) that the quantities actually recovered will equal or exceed the best estimate.

A "high estimate" (3C) is considered to be an optimistic estimate of the quantity that will actually be recovered. It is unlikely that the actual remaining quantities recovered will exceed the high estimate. If probabilistic methods are used, there should be at least a 10% probability (P10) that the quantities actually recovered will equal or exceed the high estimate.

Thank You

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