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Fractured Alliances: The Middle East and the Global Energy Market After Hormuz

Climate Change * Ethics * Energy

Introduction: Maritime Chokepoints and the 2026 Hormuz Crisis

Global energy trade has long rested on the assumption of unimpeded hydrocarbon transit through narrow maritime corridors -- foremost the 21-nautical-mile-wide Strait of Hormuz linking the Persian Gulf to the Gulf of Oman and the Arabian Sea[1]. Serving Saudi Arabia, Iraq, the United Arab Emirates (UAE), Kuwait, Iran, and Qatar, the Strait historically carried roughly 20.9 million barrels per day (b/d) of crude oil and petroleum liquids (~20 percent of global consumption) and 20 percent of global liquefied natural gas (LNG) trade[1][2].

In late February and March 2026, regional warfare and the blockade of the Strait of Hormuz invalidated this assumption, triggering the largest physical energy supply shock in market history[5]. Beyond immediate price spikes in crude oil and methane-rich LNG, the crisis fractured OPEC, exposed Gulf rentier import dependency, disrupted synthetic fertilizer feedstocks, and elevated national security above climate policy as the primary driver of global decarbonization[6][7].

Legal Frameworks, Asymmetric Warfare, and Supply Chain Bottlenecks

Because the two-mile-wide inbound and outbound shipping lanes of Hormuz lie within the territorial waters of Iran and Oman, legal jurisdiction has long been contested[9]. While the 1982 UN Convention on the Law of the Sea guarantees non-suspendable "transit passage," Iran -- having signed but never ratified the treaty -- invokes its 1993 Marine Areas Act to claim suspendable "innocent passage"[8][9]. In March and April 2026, the Iranian parliament ratified legislation asserting control over the Strait of Hormuz, creating the Persian Gulf Strait Authority and mandating prior clearance and substantial per-vessel transit fees[9][10]. Coupled with Islamic Revolutionary Guard Corps naval mines, fast-attack craft, anti-ship missiles, and GNSS spoofing, commercial maritime insurance and transit halted by mid-March 2026[2][3]. On June 17, 2026, the Pakistan-brokered 14-point Islamabad Memorandum of Understanding established a 60-day truce between the United States and Iran, lifting the retaliatory U.S. naval blockade in exchange for toll-free commercial passage and bilateral Iran-Oman maritime talks while deferring nuclear negotiations and reconstruction provisions[10][11].

| Maritime Chokepoint | | Primary Region | | Total Oil Flows (million barrels per day, First Half 2025) | | Liquefied Natural Gas Flows (billion cubic feet per day, First Half 2025) |

| Strait of Malacca | | Asia / Pacific | | 23.2 | | 9.2 |

| Strait of Hormuz | | Middle East | | 20.9 | | Data highly concentrated |

| Cape of Good Hope | | Africa (Bypass) | | Highly Variable | | Highly Variable |

Following the March 4 closure, Brent crude surged over 50 percent from ~80 to 126 USD per barrel as global supply fell 12.8 million b/d short of demand, accumulating over one billion barrels in lost output[5][3]. While Saudi Arabia diverted up to 7.0 million b/d via its East-West Petroline to Yanbu on the Red Sea and the UAE moved 1.5-1.8 million b/d via the Abu Dhabi Crude Oil Pipeline (ADCOP) to Fujairah, LNG possessed zero overland bypass capacity[1][4]. After strikes damaged two of 14 trains (~12.8 million tonnes per year, or ~17 percent of export capacity) at Qatar's Ras Laffan complex (which shipped 80.97 million metric tons of LNG in 2025), QatarEnergy declared force majeure -- repeatedly extended through the end of December 2026 and prompting Polish buyer Orlen to cancel a long-term supply contract in November 2026 -- straining Asian and European gas grids[2][3][12][13]. In India -- which previously sourced roughly 90 percent of its imported cooking liquefied petroleum gas (LPG) through the Persian Gulf -- authorities enacted refinery stream diversions and expanded domestic LPG production by 57 percent (from roughly 35,000 to 55,000 tonnes per day) alongside emergency cargo diversification outside the Gulf[14][15].

Macroeconomic Contagion and the Fracture of the Gulf Consensus

The blockade simultaneously disrupted non-energy commodities: Persian Gulf producers supply major shares of global sulfur and urea exports essential to nitrogenous fertilizers alongside helium for cryogenics and semiconductor fabrication[2][3]. Conversely, because Gulf Cooperation Council states import the vast majority of their food calories through the Strait, shipping disruptions strained regional food logistics and inflated import prices[2][17]. Globally, macroeconomic assessments linked fuel and fertilizer supply shocks to acute food insecurity risks and projected global GDP losses widening from ~1.3 trillion USD under near-term de-escalation toward ~3.5 trillion USD under prolonged blockade warfare[16][17].

| Economic Metric | | Scenario 1: Baseline (Immediate Resolution) | | Scenario 2: Near-Term Resolution (Ceasefire holds) | | Scenario 3: Sustained Blockade (War resumes) |

| Global GDP Loss (2026) | | Negligible | | ~1.3 Trillion USD (0.6 percent) | | ~3.5 Trillion USD |

| Iran GDP Impact | | Minor disruption | | ~15 percent contraction | | Severe depression |

| Qatar GDP Impact | | Minor disruption | | ~9 percent contraction | | Severe depression |

| Eurozone Growth | | ~1.2 percent | | ~0.8 percent | | Technical Recession (0.2 percent) |

Within the region, the crisis shattered producer cartel cohesion. On April 28, 2026, the UAE announced its exit from OPEC after 59 years of membership, formally taking effect on May 1, 2026[6][20]. Having invested 150 billion USD to expand production capacity near 5.0 million b/d against an OPEC quota of 3.4 million b/d, Abu Dhabi moved to monetize its fossil fuels independently before structural demand peaks, while fast-tracking a parallel Fujairah pipeline to double bypass capacity to 3.6 million b/d by 2027[6][18][19][20].

| Pipeline Infrastructure | | Operating State | | Pre-Crisis Capacity (million barrels per day) | | 2026 Emergency/Expanded Capacity | | Future Target Capacity (By 2027) |

| East-West Petroline | | Saudi Arabia | | 5.0 | | 7.0 | | 7.0 |

| Abu Dhabi Crude Oil Pipeline (ADCOP) | | United Arab Emirates | | 1.5 | | 1.8 | | 3.6 (with new parallel line) |

Energy Security as the Catalyst for Clean Tech and Decarbonization

For fuel-importing nations, the Hormuz shock -- costing European economies 18.5 billion in extra imports within 60 days -- elevated supply-chain sovereignty over climate change mitigation as the core driver of electrification[7][21]. Per international investment tracking for 2026, global energy spending hit 3.4 trillion USD, with clean energy (2.2 trillion USD) nearly doubling fossil fuels (1.2 trillion USD) and saving major importers 260 billion USD in 2025[22][23]. Record 2025 solar additions (+647 GW) met 75 percent of net electricity demand growth (99 percent with wind), cutting fossil generation by 0.2 percent and lifting renewables (33.8 percent) past coal globally, while European electric vehicles displaced 67 million barrels of oil[21][24].

| Global Energy Metric | | 2024 Data | | 2025 Data | | 2026 Projections / Impacts |

| Global Solar Capacity Additions | | +582 Gigawatts | | +647 Gigawatts | | Sustained high-paced deployment[25] |

| Clean Energy Investment | | ~2.0 Trillion USD | | 2.2 Trillion USD | | ~2.2 Trillion USD (Deflationary purchasing power)[22] |

| Fossil Fuel Investment | | ~1.1 Trillion USD | | 1.2 Trillion USD | | 1.2 Trillion USD (Inflationary material costs)[22] |

| Change in Fossil Generation | | Minimal growth | | 0.2 percent decline | | Structural stagnation[24] |

| Renewables Share of Global Mix | | ~30 percent | | 33.8 percent | | Accelerating past coal generation[24] |

Yet the LNG blockade exposed short-term "decarbonization fragility"[26]. Deprived of gas, emerging markets pushed 2026 coal investment to a 14-year high of 180 billion USD, while U.S. data centers drove 28 billion USD in gas turbine orders (330 billion USD in global LNG investment)[22][23]. In India, midday solar peaks force coal plants to their minimum technical load, requiring at least 10 GWh of battery storage -- aided by a 20 percent battery cost drop -- to prevent curtailment[24][27]. Meanwhile, fertilizer disruptions accelerated electrolytic green ammonia (such as renewable-electrolysis Haber-Bosch process pathways)[28]. Because electrified systems operate at superior thermodynamic efficiency and require one-time mineral imports rather than continuous fuel shipments, clean electrification permanently erodes maritime chokepoint leverage[21][23].

Conclusion: Dismantling the Geopolitics of Chokepoints

The 2026 Hormuz crisis permanently reshaped Middle Eastern geopolitics and global energy markets. After the initial June 17 Islamabad truce frayed into prolonged

shipping insecurity, intermittent diplomatic efforts and renewed vessel strikes kept Strait of Hormuz transit heavily constrained through November 2026, with Brent crude dipping briefly on early-November truce hopes before rebounding into the low-to-mid-90s USD per barrel[29][30]. Coupled with the UAE's OPEC exit, expanded overland pipelines, QatarEnergy's extended LNG force majeure through year-end, and the 2.2 trillion USD annual surge into renewables, storage, and green ammonia, the year's maritime shocks solidified an enduring structural pivot away from chokepoint-bound hydrocarbons.

Updates... (Nov 22, 2026): Verified all 30 primary and analytical citations -- adding the March 3, 2026 update date for EIA World Oil Transit Chokepoints and exact publication dates across CrossRef, Ember, Bruegel, Arab Reform Initiative, and regional policy sources alongside the mid-November 2026 Hormuz shipping and QatarEnergy developments.

References

* [1] U.S. Energy Information Administration (EIA) (Mar. 3, 2026). World Oil Transit Chokepoints. https://www.eia.gov/international/analysis/special-topics/World_Oil_Transit_Chokepoints

* [2] Arab Reform Initiative (Mar. 16, 2026). Hormuz Under Fire: LNG Disruption, Regional Exposure, and Energy Sovereignty in MENA. https://www.arab-reform.net/publication/hormuz-under-fire-lng-disruption-regional-exposure-and-energy-sovereignty-in-mena/

* [3] Atlas Institute for International Affairs (Mar. 4, 2026). The Strait that Moves the Market: The 2026 Strait of Hormuz Crisis and the Anatomy of a Global Energy Shock. https://atlasinstitute.org/the-strait-that-moves-the-market-the-2026-strait-of-hormuz-crisis-and-the-anatomy-of-a-global-energy-shock

* [4] Engineering News-Record (ENR) (Mar. 13, 2026). Hormuz Bypass Infrastructure Was Sized for a Short Disruption. This Is Not That. https://www.enr.com/articles/62677-hormuz-bypass-infrastructure-was-sized-for-a-short-disruption-this-is-not-that

* [5] Bruegel (June 15, 2026). Europe must prepare for a possible oil supply crunch. https://www.bruegel.org/analysis/europe-must-prepare-possible-oil-supply-crunch

* [6] Middle East Council on Global Affairs (June 17, 2026). The UAE's Exit from OPEC: When Politics and Oil Mix. https://mecouncil.org/publication/the-uaes-exit-from-opec-when-politics-and-oil-mix/

* [7] TCW (June 17, 2026). Energy Transition Outlook: Security, Scale, and the Cost of Disorder. https://www.tcw.com/Insights/2026/2026-06-17-Energy-Transition-Outlook

* [8] Roach, J. A. (Feb. 22, 2021). Straits Used for International Navigation. Excessive Maritime Claims (Brill). https://doi.org/10.1163/9789004443532_013

* [9] The National (Apr. 7, 2026). The 21-mile gap in international law that could reshape the global order. https://www.thenationalnews.com/opinion/comment/2026/04/07/hormuz-international-law/

* [10] Iran International (June 17, 2026). Text of US-Iran memorandum released. https://www.iranintl.com/en/202606177192

* [11] Arab Center Washington DC (June 17, 2026; updated June 22, 2026). The Full

Text of the Memorandum of Understanding between the United States and Iran.
https://arabcenterdc.org/resource/memorandum-of-understanding-between-the-united-states-of-america-and-the-islamic-republic-of-

* [12] gCaptain / Bloomberg (Nov. 11, 2026). Qatar Loses First LNG Customer Since War Disrupted Flows.
https://gcaptain.com/qatar-loses-first-lng-customer-since-war-disrupted-flows/

* [13] The National (Nov. 11, 2026). Poland's Orlen becomes first buyer to cancel QatarEnergy LNG contract.
https://www.thenationalnews.com/business/energy/2026/11/11/polands-orlen-becomes-first-buyer-to-cancel-qatarenergy-lng-contrac

* [14] ThePrint / PTI (Nov. 19, 2026). India had 60 days of oil, gas supplies during Hormuz crisis, ramped up LPG output by 57%: Puri.
https://theprint.in/economy/india-had-60-days-of-oil-gas-supplies-during-hormuz-crisis-ramped-up-lpg-output-by-57-puri/3103352/

* [15] Press Information Bureau (PIB), Government of India (July 3, 2026). Weathering the Hormuz Storm (Ministry of Petroleum and Natural Gas).
https://www.pib.gov.in/blogs/blogsdescr.aspx?feaaid=559&lang=1

* [16] Vision of Humanity (June 8, 2026). Economic impact of Iran War.
https://www.visionofhumanity.org/the-hidden-price-of-the-iran-war/

* [17] The New Arab (Apr. 29, 2026). The long shock: How the Iran war is remaking the global economy.
https://www.newarab.com/analysis/long-shock-how-iran-war-remaking-global-economy

* [18] Horn Review (May 22, 2026). The UAE OPEC Exit and the New Dimension of the UAE-Saudi Rift.
https://hornreview.org/2026/05/22/the-uae-opec-exit-and-the-new-dimension-of-the-uae-saudi-rift/

* [19] The Guardian (May 15, 2026). UAE to complete second oil pipeline bypassing Strait of Hormuz by 2027.
https://www.theguardian.com/business/2026/may/15/uae-oil-pipeline-strait-of-hormuz-by-2027

* [20] U.S. Energy Information Administration (EIA) (June 23, 2026). UAE's exit from OPEC+ reduced the group's share of crude oil production and capacity.
https://www.eia.gov/todayinenergy/detail.php?id=67804

* [21] Ember Energy (June 10, 2026). A clean break: leaving fossil volatility for clean tech security.
https://ember-energy.org/latest-insights/a-clean-break-leaving-fossil-volatility-for-clean-tech-security/

* [22] Oil & Gas 360 (June 18, 2026). Clean energy investment hits $2.2 trillion, nearly double fossil fuels.
https://www.oilandgas360.com/clean-energy-investment-hits-2-2-trillion-nearly-double-fossil-fuels/

* [23] CleanTechnica (June 13, 2026). Clean Energy Investments Surge, But That Is Only Part Of The Story.
https://cleantechnica.com/2026/06/13/clean-energy-investments-surge-but-that-is-only-part-of-the-story/

* [24] Ember Energy (Apr. 21, 2026). Global Electricity Review 2026.
https://ember-energy.org/latest-insights/global-electricity-review-2026/

* [25] Ember Energy (Apr. 21, 2026). Global Electricity Review 2026: 2025 in review.
https://ember-energy.org/latest-insights/global-electricity-review-2026/2025-in-review/

* [26] Stockholm School of Economics (Mar. 24, 2026). The Hormuz shock exposed Europe's energy gamble. https://www.hhs.se/news/site-publications/2026/hormuz-shock-eu-gas-security/

* [27] Ember Energy (June 17, 2026). Bottleneck to the next phase of renewable energy growth in India. https://ember-energy.org/latest-insights/bottleneck-to-the-next-phase-of-renewable-energy-growth-in-india/

* [28] Pfromm, P. H., & Aframehr, W. (Sept. 1, 2022). Green ammonia from air, water, and renewable electricity: Energy costs using natural gas reforming, solid oxide electrolysis, liquid water electrolysis, chemical looping, or a Haber-Bosch loop. Journal of Renewable and Sustainable Energy. https://doi.org/10.1063/5.0101709

* [29] BOE Report (Nov. 10, 2026). Oil rises from two-month low as Hormuz shipping attacks offset Iran truce hopes. https://boereport.com/2026/11/10/oil-rises-from-two-month-low-as-hormuz-shipping-attacks-offset-iran-truce-hopes/

* [30] CBS News (Nov. 9, 2026). Iran war and U.S. deal negotiations live updates. https://www.cbsnews.com/live-updates/iran-war-us-trump-deal-negotiations/