The Russia-Ukraine war and Europe’s flawed quest for energy security

BY ROUDI BAROUDI, OPINION CONTRIBUTOR — 03/25/22 02:30 PM EDT
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Europe’s hesitance over targeting Russia’s energy industry to punish Moscow for its invasion of Ukraine has exposed the precariousness of the continent’s energy supplies, with best solutions demanding a deeper understanding as to how the European situation got to where it is today.

The simple explanation is that Germany and several other European countries have become over-reliant on imports of Russian natural gas. But this is only partly true; numerous other factors accentuate Europe’s vulnerability, and while some amount to unfortunate timing, others stem from significant failings at the strategic decision-making level.

For one thing, several governments have decided to close their nuclear and coal power plants in recent years, which has only increased Europe’s need for – and therefore dependence on – Russian gas. This is not to say that there were no compelling reasons for these decisions, and the coincidence of this post-nuclear period with the Russia-Ukraine crisis is at least partly bad luck, yet there is no denying the fact that the idling of so much output capacity has left Europe with few practical and viable alternatives. The real problem, though, was not the nuclear shutdowns phasing out local generating units themselves; rather, it was a failure to adequately prepare for the consequences by adding enough new capacity, especially renewables.

Also in Germany, and partly alongside the denuclearization process, two new terminals for receiving seaborne shipments of liquefied natural gas (LNG) have been delayed for more than a decade. This means that even if Europe were able to secure enough LNG to replace the piped gas it gets from Russia, it lacks sufficient regasification capacity to make full use of it.

Similarly, the proposed Nabucco pipeline – which would have carried Azerbaijani, Egyptian, Iraqi, and/or Turkmen gas from Turkey to Austria – was also subjected to repeated delays and eventual cancellation in 2013, further entrenching the importance of Russian gas and Russian pipelines.

Despite having missed these and other opportunities to make itself more flexible and more resilient by diversifying its sources, means, and routes of supply, Europe still has time to substantially improve its position, especially in the medium and long terms.

One promising option is a gas interconnector which would radically expand the pipeline capacity between Spain, with both undersea pipelines to Algeria and Morocco and a considerable unused regasification capacity, and France, from where the supplies in question could then be distributed to other points in Europe. Political and other concerns have slowed this proposal as well, so we can only hope that the crisis in Ukraine will help renew the focus in Madrid and Paris.

There are other steps Europe could take as well, some of them quite straightforward and requiring less of the cross-border agreement and cooperation that can take so long to reach and activate. One is to bolster the continent’s ability to withstand delivery interruptions by increasing its storage capacity, whether for conventional gas in underground salt caverns or for the liquefied version in new or expanded LNG depots. Another is for the Germans, Belgians, and others to delay the closure of nuclear plants currently slated for decommissioning. A third is for the Dutch to expand their existing LNG receiving ports, and a fourth has got under way in the last few days as the Germans have started work on their own receiving facilities. A fifth is to work immediately on the East Med Leviathan gas field to connect via pipeline to Turkey and onward to Europe.

The situation can also be ameliorated from the outside. The United States, for example, has doubled its LNG exports to Europe, and Qatar – which met every single one of its delivery commitments despite the illegal two-and-half-year blockade imposed on it by some of its neighbors – should be able to increase its shipments, too, something that would restore confidence in supply markets. In addition to pipelined gas, Spain also receives electricity generated by solar farms in North Africa, and the scope for similar shared grids across the Euro-Mediterranean region is enormous.

Last, but certainly not least, Europe can best serve its own interests – in every sense of the word – by approving its financial support on future oil and gas projects for the next few years and getting even more serious about renewables. The Euro-Med countries alone have enough offshore wind power potential to replace the entire global nuclear industry, and other technologies beckon as well – including solar, wave, tidal, and undersea geothermal.

All this to become independent of Russian gas and to move for peace, not war.

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What's Behind Europe's Skyrocketing Power Prices

Europe’s energy ambitions are clear: to shift to a low-carbon future by remaking its power generating and distribution systems. But the present situation is an expensive mess. A global supply crunch for natural gas, bottlenecks for renewable energy and wind speeds in the North Sea among the slowest in 20 years, idling turbines, have contributed to soaring prices for everything from electricity to coal. Governments are preparing to intervene if needed in volatile energy markets to keep homes warm and factories running.

1. What’s the problem here?

Energy prices skyrocketed as economies emerge from the pandemic — boosting demand just as supplies are falling short. Coal plants have been shuttered, gas stockpiles are much lower than normal and the continent’s increasing reliance on renewable sources of energy is becoming a vulnerability. Even with mild weather, benchmark gas prices traded as high as 100 euros per megawatt-hour on Oct. 1, the first day of the official heating season for the European energy markets. That’s up almost 400% from the start of the year. Italy’s ecological transition minister, Roberto Cingolani, said he expected power prices to increase by 40% in the third quarter. In the U.K., CF Industries Holdings Inc., a major fertilizer producer, shut two plants, and Norwegian ammonia manufacturer Yara International ASA curbed its European production because of high fuel costs. Mining company Boliden AB says the record prices will boost costs for the industry for years to come.

2. What do gas prices have to do with electricity?

Some 23% of European Union electricity was generated from gas in 2019, just behind the 26% that came from nuclear plants. Electricity is very hard to store, which means that big swings in fuel costs translate quickly into price volatility. Large batteries exist, of course, and that technology is developing quickly, but it will be many years before they can offer serious storage capacity for renewable energy. Some European countries have become increasingly dependent on electricity exports from others with an abundance of power.

3. Why is there a supply shortfall?

Storage sites in Europe reached late summer, when natural gas inventories usually get replenished, at their lowest levels in more than a decade for the time of year. Supplies from Russia were limited because it was rebuilding its own inventories, while Norwegian gas flows were lower than average during maintenance work at its giant fields and processing stations. That said, prices in Europe would need to rise even higher in order to attract cargoes of liquefied natural gas away from Asia, where China is stockpiling to power its economy and build reserves for winter.

4. Why is China important for European energy markets?

It’s by far the biggest consumer of energy and commodities in the world, and it has ordered state-owned companies to secure supplies at all costs.

5. How are power prices set in Europe?

Utilities and big companies buy and sell power years in advance, relying heavily on forecasts about the economy and long-term fuel costs. The broader European power market has traditionally been focused on the price for the following day, with auctions supplying a day-ahead price functioning as the benchmark. Traders submit bids and offers for each hour based on their calculations of supply and demand, and then an average price is calculated by the exchange handling that market. Consumer prices are set by state regulators after utilities request rate changes based on how much they've paid for wholesale power, transmission investments and overall upkeep of their grids.

6. What's new in the system?

The explosion of renewable energy, which is more intermittent than fossil- or nuclear-fuel generators. Because weather patterns can create big price shifts, markets for shorter time periods later the same day have also become vital.

7. How reliant is Europe on wind?

Northern coastal countries including the U.K., Germany and Scandinavian nations have become leaders in wind generation and technology. In Spain, the growth in wind and solar plants helped send its share of renewable energy to a record 44% of total power in 2020. France also is producing more power from wind, but its electricity generation is still dominated by nuclear plants.

8. Which countries are most at risk of running out of power?

Those with limited cable links to their neighbors. In a crisis, they are less able to benefit from Europe's interconnected market, which enables power to flow to where it's needed the most and where it fetches the highest price. Ireland's grid operator warned in September that there was a risk of blackouts due to lack of wind. Many U.K. plants are old and break down from time to time. If big outages coincide with little wind or sun, the nation could be close to running out of electricity.

9. What does this mean for Europe’s climate goals?

Renewable energy brings volatility, and that’s going to make it very costly for the continent to reach its targets. In Germany, for instance, outgoing Chancellor Angela Merkel’s energy policies have cost citizens hundreds of billions of euros in subsidies. EU climate chief Frans Timmermans has said higher prices must not undermine the bloc’s resolve to expand renewable power and that the industry should speed up instead to make more cheap green energy available.

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Total, Eni to invest in Libya’s energy sector

France’s TotalEnergies and Italy’s Eni said they were ready to invest billions of dollars in Libya as the OPEC nation emerges from a decade of conflict and civil war. France’s TotalEnergies and Italy’s Eni said they were ready to invest billions of dollars in Libya as the OPEC nation emerges from a decade of conflict and civil war. “I want to contribute to Libya’s comeback,” TotalEnergies’ Chief Executive Officer Patrick Pouyanne said on Monday at an energy conference in the capital, Tripoli.

“Some may see more boldness than wisdom in TotalEnergies’ decision to partner with Libya. I don’t. Where they see risks, I see the opportunities.” The Paris-based firm will put $2 billion into Libya’s Waha oil project, which will boost production by around 100,000 barrels a day, he said. It will also work to raise output at the Mabruk field and help build 500 megawatts of solar power to feed the local grid. Libya will be a vital source of supply for global petroleum markets over the next decade, Pouyanne said. The nation contains Africa’s biggest oil reserves but has been mired in fighting for much of the period since 2011, when leader Moammar Qaddafi was toppled in an uprising.

Warring sides struck a truce in mid-2020, leading to more stability and enabling crude output to rise from barely anything to around 1.1 million barrels a day. The government has said it needs plenty of foreign investment to sustain that level of output, let alone reach its target of between 2 and 2.5 million barrels per day within six years. Elections Loom An interim government led by Prime Minister Abdul Hamid Dbeibah is meant to govern the country until shortly after presidential elections scheduled for Dec. 24. Dbeibah said this week that he will run for the presidency, joining a field that includes Saif al-Islam Qaddafi, a son of the former dictator, and eastern-based commander Khalifa Haftar. The two-day conference is the first prominent energy forum in Libya for over 10 years. Pouyanne and Eni's chief operating officer, Alessandro Puliti, were the highest-profile foreign executives to attend on the first day. Eni will push ahead with oil, natural-gas and solar projects, according to Puliti. "Libya has significant remaining oil and gas potential," he said. "Eni is ready to support that development." The Italian company was one of the first firms to explore in Libya and struck oil there in the late 1950s. It currently pumps about 400,000 barrels a day of oil and gas, making it the biggest foreign energy company in the country, Puliti said.

La Cop26 di Glasgow: le linee guida per i Paesi del Mediterraneo

Roudi Baroudi: un appuntamento fondamentale per definire strategie politiche economiche efficaci a contrastare il cambiamento climatico.

Il noto esperto a livello internazionale in campo energetico Roudi Baroudi, pone in evidenza una riflessione in concomitanza con l’imminente arrivo della conferenza sul cambiamento climatico delle Nazioni Unite (COP26) che si terrà quest’anno a Glasgow.

Baroudi definisce questo appuntamento memorabile e storico in particolare per i paesi del bacino del Mar Mediterraneo, Italia compresa. Fa osservare che l’aumento delle temperature e la crisi climatica globale è in atto e gli eventi dell’estate 2021 ne sono la testimonianza reale.

Il fenomeno degli incendi, per esempio, si manifesta con dimensioni e intensità insolite rispetto al passato ed anche nel caso di attività dolosa l’aridità circostante e le alte temperature hanno favorito la propagazione violenta nelle aree colpite generando numerose morti, danni alle proprietà e distruzioni dei terreni agricoli coltivati. In casi come quello della Turchia seguiti da forti inondazioni dovute a piogge torrenziali dopo pochi giorni.

Questi fenomeni non sono più eventi sporadici localizzati in determinate aree, ma costituiscono una vera e propria testimonianza della catastrofe climatica in atto.

Questo ci impone di moltiplicare gli sforzi e sperare di poter invertire la tendenza prima che raggiunga un punto di non ritorno. Se non andremo in questa direzione, continua Baroudi:" la nostra specie dovrà affrontare un futuro sempre più complesso con più incendi, innalzamento del livello del mare, accelerazione dell'acidificazione degli oceani, calo degli stock ittici, tempeste più violente, siccità più lunghe e intense, raccolti compromessi, milioni di rifugiati climatici e fame di massa".

Svariati paesi del Mediterraneo, specialmente appartenenti ad Asia ed Africa hanno già situazioni complesse dal punto di vista territoriale per via della posizione geografica (Sud Italia incluso), inoltre i paesi con meno disponibilità economica fanno ancora molta fatica nella conversione ad impianti con minor impatto ambientale.

Nonostante questo scenario apocalittico, incalza Baroudi, non tutto è perduto. L'Unione europea ha compiuto progressi importanti rispetto alla maggior parte del resto del mondo e sta adottando delle politiche più stringenti sulle emissioni.

Anche gli Stati Uniti stanno intensificando i propri sforzi dopo quattro anni di cambio rotta sotto l'amministrazione Trump. In tutto il mondo, finalmente, si sta avendo maggiore consapevolezza del problema in maniera più trasversale dal pubblico al privato.

Alla COP26, i leader ed i referenti politici dei paesi partecipanti dovrebbero lavorare costruttivamente ed ascoltare scienziati ed attivisti che chiedono un'azione più rapida ed efficace, inclusa una maggiore assistenza finanziaria per aiutare i paesi meno fortunati a unirsi seriamente alla lotta per il cambiamento climatico.

I programmi che i paesi del Mediterraneo porteranno a Glasgow saranno cruciali perché, nonostante la situazione in atto, la maggior parte di questi stati ha un vantaggio territoriale: ampi spazi e condizioni quasi ideali per le turbine eoliche offshore. Uno studio recente, che utilizza una varietà di tecnologie per elaborare dati previsionali, stima il potenziale combinato di energia eolica di tutti i 23 paesi euro mediterranei (in modo alquanto prudente) a quasi 1,5 milioni di megawatt. Si consideri che l'intera industria nucleare mondiale ha una capacità di circa 400.000 MW, ovvero meno di un terzo di quella che il Mediterraneo potrebbe produrre solamente con impianti eolici. Senza calcolare l'impiego di altre tecnologie: l'idrocinetica sia fluviale che marina (onde e maree), geotermica (on e offshore) e solare (200.000-300.000 MW).

Questa strategia darebbe una propulsione allo sviluppo di molti paesi che oggi hanno uno scarso accesso all'energia elettrica a prezzi accessibili, inoltre l'indotto relativo alle costruzioni degli impianti darebbe nuovi posti di lavoro oltre a molteplici benefici: la possibilità di sostituire i vecchi impianti di produzione più inquinanti, ridurre gradualmente l'importazione di carburanti fossile, rivendere nella rete l'eccesso di produzione energetica ed investire il ricavato in infrastrutture, politiche sociali o ulteriori impianti green.

Uno sviluppo omogeneo delle rinnovabili favorirebbe la transizione progressiva dai combustibili fossili, riducendo le emissioni di carbonio che causano il cambiamento climatico e quindi facendo gli interessi di tutti, ovunque.

Queste proiezioni positive non si avvereranno mai per osmosi. Molti paesi nel Mediterraneo hanno bisogno di assistenza finanziaria e tecnica per mettere in pratica i progetti di conversione. L’accordo di Parigi includeva impegni economici da parte degli stati più ricchi per finanziare i paesi più bisognosi, ma molti governi non hanno rispettato l’accordo. Questo è controproducente, proprio come la mancata distribuzione del vaccino contro il COVID ai paesi del Sud del mondo, un errore imperdonabile che non solo determina la morte di persone innocenti, ma crea anche terreno fertile per nuove varianti del virus. Se la transizione verso un’energia più pulita creasse difficoltà alle popolazioni già svantaggiate, potrebbe venire a mancare il sostegno popolare verso questo percorso, con conseguenze terribili per tutti noi. Se lasciato incontrollato, il cambiamento climatico potrebbe provocare morte e distruzione ovunque creando flussi migratori ingestibili.

Roudi Baroudi conclude esortando la COP26 a produrre nuovi programmi di finanziamento da parte dei paesi ricchi verso quelli più poveri senza creare situazioni di assistenzialismo. Ci sono moltissime risorse a disposizione e c’è poco tempo per agire, quindi gli stati finanziatori non possono permettersi di sbagliare. I prestiti agevolati andranno messi a disposizione per i paesi più virtuosi che garantiranno la finalizzazione dei progetti. L’unico modo per farlo è articolare una strategia coerente per eseguire progetti rilevanti e fattibili con tempi e budget ben definiti. In particolare, i governi regionali devono dissipare i timori giustificati che, i fondi destinati ai progetti per le energie rinnovabili o ad altri strumenti di de carbonizzazione, andranno invece a riempire le tasche di funzionari locali corrotti.

Queste sono le linee guida che deve seguire quest’anno la conferenza di Glasgow. La lotta ai cambiamenti climatici è ampiamente considerata come la sfida più importante che la nostra specie abbia mai affrontato e la capacità della regione di proteggersi e di esercitare il proprio peso sarà in bilico alla COP26. I paesi che si presentano con piani ben sviluppati per progetti concreti avranno la strada spianata per varie forme di finanziamento. Coloro che non lo faranno saranno inevitabilmente tagliati fuori.

Column: Europe’s rising energy prices will force factory closures: Kemp

LONDON, Oct 1 (Reuters) – Europe’s increasingly expensive gas and electricity prices are sending a strong signal to manufacturers to consider temporary plant closures and to home and office owners to turn down thermostats to conserve fuel this winter.

Front-month gas futures are now more than six times more expensive than at this point last year, as the region struggles to import enough gas to refill its depleted storage ahead of the winter peak heating season.

Regional storage sites are still only 74.7% full, the lowest for more than a decade, and compared with a pre-pandemic five-year seasonal average of 87.4%, according to Gas Infrastructure Europe.

In the short term, Europe is unlikely to attract significantly more gas because production is fixed and there is already a worldwide shortage, which is also pushing up prices in Northeast Asia and North America.

Escalating futures prices signal traders think lower consumption will be necessary to prevent stocks eroding to critically low levels and risking fuel supplies running out this winter (https://tmsnrt.rs/2YkKwPc).
Rising prices will find the path of least-resistance to cut consumption – with the most price-sensitive and least politically sensitive customers forced to reduce gas and electricity use first and most deeply.

In theory, the crisis could be resolved easily by homes, offices, schools and factories turning down thermostats by 0.5-1.0 degrees this winter; the result would be an enormous fuel saving with only a minimal impact on comfort.

In practice, policymakers will be reluctant to call for thermostat reductions since it implies a policy failure and has unpopular associations with one-term U.S. President Jimmy Carter.

European governments are instead trying to shield residential and small business customers from the full force of increasing energy prices on utility bills through price caps, rebates and tax cuts.

But if the crisis continues to worsen, and especially if the winter proves colder than normal, shielding residential customers could prove unsustainable and calls for energy conservation may become inevitable.

In the meantime, policymakers are likely to explore other fuel saving measures, including reduced street-lighting and extended closures of government buildings, offices and schools over the mid-winter holiday period.

More significant savings could be made if manufacturers close their operations temporarily, cutting consumption and potentially reselling energy into the spot market if they have already contracted to buy it.

Steeply rising energy costs will force many manufacturers to reassess their production plans this winter, especially those with energy-intensive processes and/or limited ability to raise the price of their own products.

For manufacturers, short closures have the double benefit of cutting energy costs and also driving up the price of their products, helping protect margins against rising power and gas prices.

Once enough credible plant closures and other energy-saving measures are announced futures prices are likely to moderate.

Plant closures would, however, worsen problems throughout the supply chain and intensify the upward pressure on inflation, as well as disrupting long-standing customer relationships.

But unless the winter proves mild, price rises and physical shortages of gas, coal and electricity are unlikely to remain confined to energy markets, rippling out to the rest of the economy as is already happening in China.

China’s power crunch spreads, shutting plants, dimming growth outlook

BEIJING: Widening power shortages in China have halted production at numerous factories including many supplying Apple and Tesla, while some shops in the northeast operated by candlelight and malls shut early as the economic toll of the squeeze mounted.

China is in the grip of a power crunch as a shortage of coal supplies, toughening emissions standards and strong demand from manufacturers and industry have pushed coal prices to record highs and triggered widespread curbs on usage.

Rationing has been implemented during peak hours in many parts of northeastern China since last week, and residents of cities including Changchun said cuts were occurring sooner and lasting for longer, state media reported.

On Monday, State Grid Corp pledged to ensure basic power supply and avoid electricity cuts.

The power crunch has hurt production in industries across several regions of China and is dragging on the country's economic growth outlook, analysts said.

The impact on homes and non-industrial users comes as night-time temperatures slip to near-freezing in China's northernmost cities. The National Energy Administration (NEA) has told coal and natural gas firms to ensure sufficient energy supplies to keep homes warm during winter.

Liaoning province said power generation had declined significantly since July, and the supply gap widened to a "severe level" last week. It expanded power cuts from industrial firms to residential areas last week.

The city of Huludao told residents not to use high energy-consuming electronics like water heaters and microwave ovens during peak periods, and a resident of Harbin city in Heilongjiang province told Reuters that many shopping malls were closing earlier than usual at 4pm (0800 GMT).

Given the current power situation "the orderly use of electricity in Heilongjiang will continue for a period of time," *CCTV* quoted the provincial economic planner as saying.

The power squeeze is unnerving Chinese stock markets at a time when the world's second-largest economy is already showing signs of slowing. China's economy is grappling with curbs on the property and tech sectors and concerns around the future of cash-strapped real estate giant China Evergrande.

Tight coal supplies, due in part to a pickup in industrial activity as the economy recovered from the pandemic, and toughening emission standards have driven the power shortages across the country.

China has vowed to cut energy intensity – the amount of energy consumed per unit of economic growth – by around 3% in 2021 to meet its climate goals. Provincial authorities have also stepped up the enforcement of emissions curbs in recent months after only 10 of 30 mainland regions managed to achieve their energy goals in the first half of the year.

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Energy crunch deepening as US warns Europe isn't doing enough

Europe's energy crunch is deepening, with gas and power prices hitting fresh records after the US warned the continent isn't doing enough to prepare for what could be potentially a dire winter.

With about a month to go before the start of the heating season, Europe doesn't have enough natural gas in storage sites and isn't building inventories fast enough either. Amos Hochstein, the US State Department's envoy for energy security, said on Friday he was worried about supplies this winter.

Energy demand is rebounding across the world as economies reopen and people return to the office. Gas stockpiles in Europe are already at the lowest level in more than a decade for this time of year, pushing up the cost of producing electricity. The rally in European energy prices is just a taste of what’s to come for other commodities, Goldman Sachs Group Inc said in a report.

“European energy pricing dynamics offer a glimpse of what is in store for other commodity markets, with widening deficits and depleting inventories leading to elevated price volatility,” said Goldman analysts including Jeff Currie. For European gas, “demand destruction is the only option to rebalance markets,” they said.

Europe is struggling to boost supplies, with flows from No 2 supplier Norway currently limited due to maintenance. Top seller Russia is “is coming off an extended period of inexplicably low supply” at a time when US deliveries of liquefied natural gas can’t be increased further, Hochstein said.

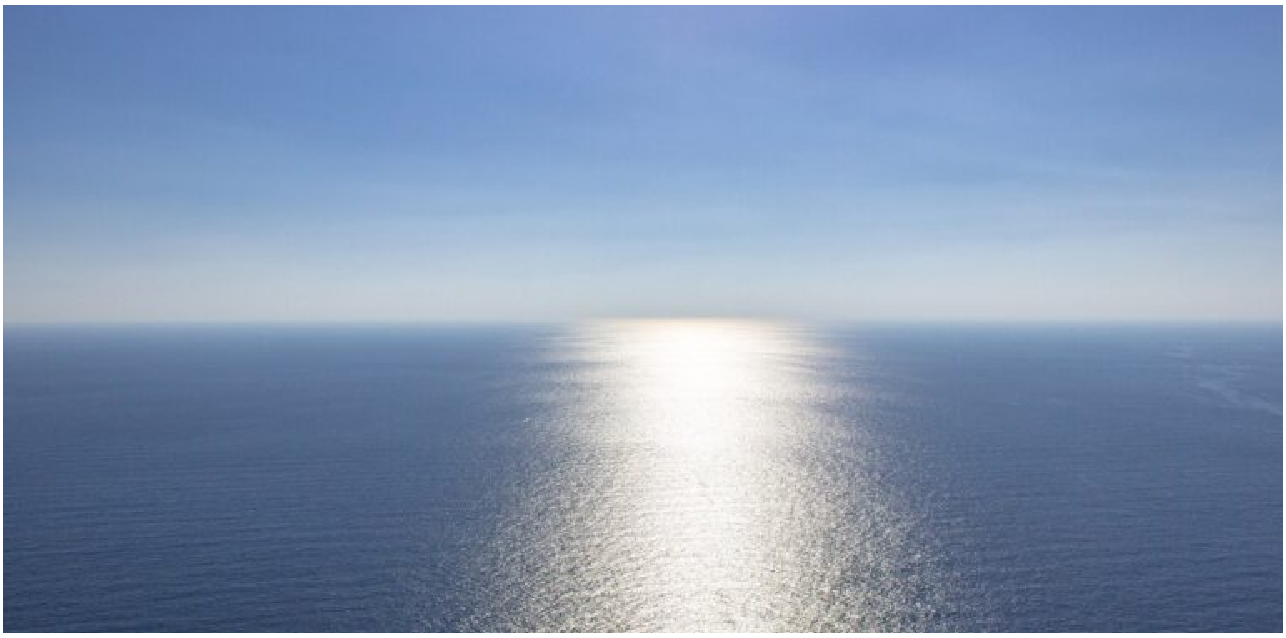
“I worry because I don’t think we should ever be in a position knowing that if it’s a cold winter, there’s not enough supply,” he told reporters during a visit to Warsaw. Benchmark European gas futures traded in the Netherlands exceeded €60 a megawatt-hour, climbing as much as 4.6% to a new record. The UK contract for next-month surged as much as 4.3% to 151.79 pence a therm.

Soaring gas prices are fuelling a rally in electricity. German power futures for next year, a benchmark for Europe, surged to a record €99.25 a megawatt-hour, while the equivalent French contract reached an all-time high of €102.75 a megawatt-hour on the European Energy Exchange.

Short-term prices are also gaining, with low wind power across most of Europe boosting costs. A bigger requirement from more expensive fossil-fuelled plants to meet demand has lifted the German day-ahead contract to the highest since 2007 and the UK equivalent above 200 pounds for the fourth time in two weeks.

“If supply were to disappoint further and winter weather turns out colder than normal, European gas and power prices may have to rise further to ration demand and thus curb energy-intensive industrial production,” Goldman said.

Roudi Baroudi: Μπλε οικονομία στη Μεσόγειο



Οι χώρες της Μεσογείου πρέπει να είναι από τους μεγαλύτερους νικητές στη μετάβαση από τα ορυκτά καύσιμα στις ανανεώσιμες πηγές ενέργειας, δήλωσε ειδικός σε θέματα ενέργειας την Τετάρτη σε ένα βασικό συνέδριο πολιτικής.

«Εδώ στην περιοχή της Μεσογείου, η μετα-άνθρακα εποχή έχει στην πραγματικότητα τεράστιες ευκαιρίες όσον αφορά την μπλε οικονομία», δήλωσε ο βετεράνος της βιομηχανίας **Roudi Baroudi** στο εικονικό All Things Energy Forum. Πρόσθεσε ότι ενώ η συμβατική αιολική και ηλιακή ενέργεια θα έχουν «βασικό ρόλο να διαδραματήσουν», η εγγύτητα της θάλασσας προσέφερε μια άλλη διάσταση.

“Υπάρχουν και άλλες πολλά υποσχόμενες ενεργειακές τεχνολογίες, όπως η βροχή, τα κύματα και η παλιρροϊκή ενέργεια, καθώς και η υποθαλάσσια γεωθερμία”, δήλωσε ο κ. Baroudi, ο οποίος έχει διετελέσει σύμβουλος σε κυβερνήσεις, πολυμερείς οργανισμούς και μεγάλες διεθνείς εταιρείες για την ενεργειακή πολιτική.

«Μερικές από τις πιο υποσχόμενες αντικαταστάσεις για τα ορυκτά καύσιμα περιμένουν στη θάλασσα, αν μόνο έχουμε τη σοφία και την προνοητικότητα να τις αναπτύξουμε».

Η μεγάλη εγγύτητα μιας μεγάλης θάλασσας όπως είναι η Μεσόγειος δίνει στα παράκτια κράτη της βασικά πλεονεκτήματα σε σχέση με άλλα κράτη που είναι εγκλωβισμένα στην ξηρά, εξήγησε, επειδή έχουν πολλές περισσότερες επιλογές για παραγωγή ηλεκτρικής ενέργειας χαμηλής ή χωρίς άνθρακα.

Ο 40χρονος βετεράνος της περιφερειακής ενεργειακής σκηνής προέβλεψε ότι με ισχυρή ηγεσία, **οι περιφερειακές χώρες θα μπορούσαν να χρησιμοποιήσουν αυτό το δυναμικό για την πλήρη ηλεκτροδότηση όλων των κατοικημένων περιοχών τους.**

Αυτό το είδος πρόσβασης, στην ηλεκτρική ενέργεια, αποτελεί βασική προϋπόθεση για το είδος της οικονομικής ανάπτυξης που θα βοηθήσει εκατομμύρια ανθρώπους — ακόμη και δεκάδες εκατομμύρια — από τη φτώχεια», δήλωσε.

«θα μειώσει επίσης τη ροή των Αφρικανών μεταναστών που δεσμεύονται για την Ευρώπη δημιουργώντας νέες οικονομικές ευκαιρίες για αυτούς στην έδρα τους».

Ο κ. Baroudi προειδοποίησε, ωστόσο, ότι παρέμειναν σημαντικά εμπόδια εάν η περιοχή επρόκειτο να πραγματοποιήσει το πλήρες δυναμικό της για υπεράκτια παραγωγή ενέργειας, κυρίως επειδή περίπου τα μισά από τα θαλάσσια σύνορα της Μεσογείου παραμένουν αδιευκρίνιστα.

Όπως και με τις προοπτικές για υπεράκτιο φυσικό αέριο, εξήγησε, οι επενδυτές αποφεύγουν τέτοια διαφιλονικούμενα σύνορα επειδή η αμφισβητούμενη ιδιοκτησία μιας περιοχής ενέχει πολύ μεγάλο κίνδυνο. Για αυτόν τον λόγο, είπε, και επειδή η πίεση χτίζεται για μορατόριουμ για την ανάπτυξη νέων πεδίων πετρελαίου και φυσικού αερίου, **οι περιφερειακές χώρες χρειάστηκαν να υιοθετήσουν τη διπλωματία και να καταρτίσουν συνθήκες που ορίζουν τις αντίστοιχες αποκλειστικές οικονομικές ζώνες τους.**

Δεδομένου ότι το φυσικό αέριο αναμένεται να παραμείνει βασικό καύσιμο μετάβασης για τουλάχιστον δύο δεκαετίες, εξήγησε, περιφερειακές χώρες θα μπορούσαν επίσης να κερδίσουν δισεκατομμύρια έσοδα από υπεράκτιες καταθέσεις — αλλά ορισμένες εξακολουθούν να χρειάζονται συμφωνίες ΑΟΖ για να ξεκινήσουν.

Δεν υπάρχει ανάγκη να είναι πιο πιεστική, ειδικά επειδή ο διάλογος και οι συμβιβασμοί που απαιτούνται όχι μόνο θα ανοίξουν την ανάπτυξη του φυσικού αερίου, αλλά θα έθεταν επίσης τα θεμέλια για στενότερη συνεργασία σε άλλους τομείς — αυτό ακριβώς απαιτεί η Μπλε Οικονομία για να αξιοποιήσει πλήρως τις δυνατότητές του», δήλωσε ο κ. **Baroudi,** ο οποίος είναι επί του παρόντος διευθύνων σύμβουλος της Energy and Environment Holding, ανεξάρτητης συμβουλευτικής εταιρείας στη Ντόχα.

Τα πλεονεκτήματα από την ηρεμία στη Μεσόγειο

«Ως μπόνους, μια πιο ήρεμη, φιλικότερη Μεσόγειος θα επέτρεπε επίσης την κατανομή ευθυνών και τη συγκέντρωση πόρων και δεδομένων, τα οποία θα βελτιώσουν σημαντικά τα αποτελέσματα σε όλα, από τη μετανάστευση, την πρόγνωση καιρού και την αναζήτηση και διάσωση σε συστήματα προειδοποίησης για τσουνάμι και την προστασία καλωδίων επικοινωνίας», είπε.

«Τότε θα μπορούσαμε απλώς να δούμε ολόκληρη την ευρωμεσογειακή περιοχή να γίνει ένας από τους καλούς γείτονες, ένα μέρος αμοιβαίων στόχων, διευθετημένων παραπόνων και ακόμη και γεωστρατηγικής συνεργασίας.

Τολμώ να το πω, κυρίες και κύριοι, η Μεσόγειος θα μπορούσε να είναι απόλυτα ειρηνική στη ζωή μας”.

Η εκδήλωση, της οποίας οι ομιλητές περιελάμβαναν διακεκριμένους ακαδημαϊκούς και ανώτερους ηγέτες επιχειρήσεων και ενέργειας, καθώς και βασικούς κυβερνητικούς υπουργούς, πραγματοποιήθηκε την Τετάρτη.

Ο Roudi Baroudi έχει περισσότερα από 40 χρόνια εμπειρίας στον τομέα της ενέργειας και βοήθησε στη χάραξη πολιτικής για μεγάλες διεθνείς εταιρείες πετρελαίου, κυβερνήσεις και πολυμερείς θεσμούς. Σήμερα υπηρετεί ως Διευθύνων Σύμβουλος της Ενέργειας και Περιβάλλον Διαθέτοντας ανεξάρτητη συμβουλευτική εταιρεία.

Malaysia expert calls for 'clear, comprehensive' national energy policy

A clear and comprehensive National Energy Policy (NEP) will serve a vital role in countries' economic growth and energy transition, especially in the face of mounting uncertainties, a senior gas industry official from Malaysia has said.

Speaking at the 52nd edition of the GECF Gas Lecture Series, entitled ‘Collaborative Government-Association Synergy for a Sustainable and Vibrant Gas Industry’, Hazli Sham Kassim, president, Malaysian Gas Association (MGA), noted that Malaysia’s NEP is expected to be launched in the second half of 2021 with an aim to ensuring sub-sector energy development is aligned with the global energy transition trend.

“We anticipate that the National Energy Policy, currently undertaken by the Malaysian Government, will determine long-term strategies surrounding the national energy sector. It will address in depth cleaner energy sources including renewables and natural gas and ensure that all aspects related to the energy sector and environmental sustainability can also be better addressed,” said Kassim, whose association estimates that energy – precisely natural gas – contributes as much as 12% to the GDP of Malaysia, one of the 19 member states of the GECF.

“Natural gas will play an even more critical role in facilitating energy transition. We look forward to the completion of Malaysia’s ‘Natural Gas Roadmap’ that we understand has been designed to optimise the value of indigenous natural gas resources, enhance security of supply through identifying new growth areas and at the same time ensuring a sustainable gas industry in Malaysia.”

GECF secretary-general Yury Sentyurin noted that Malaysia, like many of the Forum’s member countries from Russia to Qatar, is showcasing that only a holistic approach can address the three intertwined concerns of energy security, affordability, and sustainability.

“The road to recovery does not just depend on the outcome of the battle between the virus and the vaccines – it also hinges on how governments around the world deploy their policies and policy support to all economic sectors,” Sentyurin said.

“This highlights the role of government-enterprise synergy to drive forward the agenda and shape opportunities.”

Malaysia enjoys 42tn cubic feet of proven natural gas reserves that have enabled it to fuel its economic growth since the

1980s. Indigenous natural gas has also enabled Malaysia to become the fifth largest exporter of LNG, although in recent years the country has resorted to importing natural gas due to surging demand.

According to Kassim, as the cleanest fossil fuel, natural gas is expected to complement the growth of renewable energy. 2021 figures show that the contribution of combined gas and renewable energy in Peninsular Malaysia will increase by more than 11GW whilst coal will decline by more than 4GW by 2039. As a result, gas demand will increase threefold and carbon emission intensity from the power generation sector is set to reduce by more than 60% within the same period compared to the 2005 levels.

La présidence de Biden offre de « nouvelles opportunités » pour débloquer le gaz de la Méditerranée de l’Est

Athens Energy Dialogues | February 17 & 18 2021

Athènes, Grèce : Le monde post-Covid aura toujours besoin de gaz naturel de la Méditerranée de l’Est et le nouveau président de l’Amérique pourrait avoir les bonnes références pour surmonter les obstacles diplomatiques, c’est ce qu’un vétéran de la scène énergétique régionale a déclaré mercredi lors d’une conférence à Athènes.

Roudi BAROUDI, PDG d’Energy and Environment Holding, un cabinet de conseil indépendant basé au Qatar, a déclaré, le premier jour des Dialogues d’Athènes sur l’énergie, que Biden avait plusieurs qualités qui pourraient lui permettre de briser l’impasse.

Baroudi a déclaré dans les remarques transmises par un lien vidéo que « dans le passé, Biden a démontré une compréhension considérable des problèmes affectant la Méditerranée de l’Est ainsi qu’une perspective qui met en faveur des solutions juridiques et diplomatiques ».

En outre, il a déclaré à un public comprenant des personnalités clés de l'énergie, des finances et du gouvernement que le nouveau président « a déjà exprimé sa détermination à réaffirmer certaines des prérogatives clés de Washington sur la scène internationale. Il s'agit notamment de son rôle stabilisateur traditionnel en Méditerranée, ainsi que sa défense du NATO, qui se trouve inclure à la fois la Grèce et la Turquie, après quatre ans où Donald Trump a sapé l'alliance à chaque occasion ».

Les récentes découvertes du pétrole et du gaz offshore ont ramené les tensions gréco-turques mijotant depuis longtemps au premier plan, Ankara devenant beaucoup plus affirmée quant à ses revendications maritimes, en particulier lorsque celles-ci se chevauchent avec celles de la Grèce et de Chypre.

BAROUDI, qui pendant des années a défendu la coopération dans le domaine de l'énergie comme un moyen d'apaiser les tensions entre plusieurs pays de la Méditerranée de l'est, a récemment écrit un livre sur la façon de régler les revendications concurrentes dans la région. Plus précisément, les « différends maritimes en Méditerranée de l'Est: la voie à suivre examine les outils et modèles définis dans la Convention des Nations Unies sur le Droit de la Mer (UNCLOS).

Il a déclaré à l'auditoire que l'UNCLOS « fournit tous les outils et bases procédurales pour la résolution pacifique » des revendications rivales.

BAROUDI ajouta : « La résurrection par Biden d'une politique étrangère américaine plus conventionnelle signifie de nouvelles opportunités pour la Grèce, la Turquie et d'autres pays de la région pour tracer un avenir plus coopératif et plus productif ». « Les prix dans cette tentative comprennent non seulement une réduction des tensions et une facilitation de milliards de dollars de ventes et d'économies d'énergie, mais aussi un élément crucial de la transition de la région vers un avenir à plus faibles émissions de carbone ».

Avec plus de 40 ans d’expérience dans le secteur de l’énergie, BAROUDI a contribué à façonner les choix politiques et d’investissement pour les entreprises, les gouvernements, les investisseurs et les organisations supranationales comme l’ONU et l’Union européenne. Il a expliqué aux journalistes après son discours que cela a également un “rôle clé dans le maintien des tensions ».