

How could we provide more gas storage?

The government does need to win the green argument about gas. Much as it wishes it were otherwise, households and industry are going to continue to burn large quantities of gas this decade. It is a slow transition to new forms of domestic heating and to new ways of fuelling industrial processes. It will take time to replace all the domestic gas boilers and petrol cars. The UK therefore has a simple choice. Should more of this gas and oil come from own North Sea fields via a relatively short pipeline, or should we come to rely more and more on large tankers carrying LNG half way round the world? Surely the home production is both greener and better for UK jobs and prosperity. The government can stay focussed on leading a transition but it must ensure enough conventional fuel before it has developed more hydrogen or nuclear or battery power. It should ensure there are sufficient exploration, development and production licences for UK reserves, and a suitable tax regime to foster UK production.

The government should also wish to encourage more gas storage capacity at home. The business proposal would be that the owner of the store would fill it up during periods of low demand and soft prices, and make it available during periods of supply interruption and price spikes at prices which make them a profit but which support the market at lower prices than the market price during the crisis. The government should call for owners of potential salt domes and old energy fields with suitable reservoirs to say on what terms they would be willing to make their stores available. They or others could bid for a role in management . The government could opt for a strongly interventionist model where it was effectively paying for a strategic reserve which it would entirely control and price when used, or for a less interventionist role where the private sector took more of the risk and kept and shaped more of the reward. The UK is an outlier with very little storage capacity compared to other advanced countries.

The government and Regulator need to procure more electrical power for the next few years. They need to cater for the retirement of substantial nuclear capacity as old plants are powered down. They need to cater for the likely increase in demand as their electric revolution progresses. They need to replace some of the vulnerable interconnector capacity and cut our import bill. They need to have a bigger buffer against days when the wind is not blowing. They need to see what is the cheapest and best way to bridge the gaps and get new plant in place as quickly as possible. Nuclear and hydrogen may come to our assistance in the next decade but we need answers soon for the looming shortage.

Wokingham Arts trail

I enjoyed the Wokingham Arts trail around the town on Sunday 19 September.

There was an impressive array of paintings, needlework, glass work and jewellery displayed by local artists and available for purchase on the various stalls.

My visit included seeing the new history mural at Montague Park School where he talked to Julia Petrova about some of the great scenes and characters from British history featured in the mural. She has so far painted the story up to the death of Queen Elizabeth 1 in 1603, with the later centuries still to come.

The photos show me with Julia Petrova, and also with Jill Chadwick, a talented local glass maker, in the Methodist building on Rose Street.

I was delighted to see so much local artistic talent on Sunday. I thanked the organisers of the successful Arts trail and wished the artists well with their work and sales.

I was pleased to pick up a couple of early Christmas present purchases of things that are a bit special because they are individually crafted items.

It was great to see the Montague Park school mural and I hope it will be well studied by the children to help them with images of the past. Seeing history on the ground in the buildings that survive and the portraits that are passed down can help bring it to life.



One intervention leads to another

The Business Secretary is not keen to bail out companies that cannot trade profitably at current gas price levels. The last few days we hear have been taken up by meetings with CF Fertiliser who have closed two of their plants and left us short of carbon dioxide as a result. There have also doubtless been plenty of talks with the gas industry itself, where smaller competitor companies seek relief from price controls so they can recharge the true costs of the gas supply, or seek government financial support to stay in business.

One well intentioned intervention often leads to another. Price controls designed to help customers can become too severe leading to the bankruptcy of the supplier facing them. Delays in getting price rises agreed to reflect the surge in the cost of the underlying gas comes with a price. If the cost of gas outstrips the price they are allowed to charge the customer they either need a state subsidy to underpin the price control, or need a relaxation of the price control. With neither the company goes bust and the Regulator has to find another company willing to take over the contracts and customers shed by the bankrupt business. There are doubts about how many loss making contracts another gas supplier is willing to pick up. If the eventual solution is to let the new supplier charge more, shouldn't the original supplier have been given that freedom to stave off bankruptcy?

This is but one small example of what increasing regulation of the energy sector is doing. Time was when UK energy policy balanced on a three legged approach. The policy needed to deliver sufficient capacity for all future needs. It needed to keep the costs down for business and consumers. It needed to contribute to a greener policy. This century policy makers have tended to take national capacity for granted, or have revelled in the idea that we can import any amount of gas, oil and electricity we may need. The wish to push us more in the direction of zero carbon has led to a raft of green levies and advantages given to renewable generators. This has greatly boosted installed wind capacity, just in time to find out that if you experience a period of little or no wind the rated capacity is meaningless and you have a shortage. It has also meant substantial surcharges on bills to pay for the energy transition.

Such a policy leads on to further government interventions. Government finds itself forced to project a plan for everything, to launch a raft of subsidies and rules to pursue the plan, and maybe to use government contracts or investments to force the pace of change. This can lead to substantial misallocations of capital and to supply failures. The system needs reforming in a pro market direction, so price signals can come to play a more important role in allocating investment and in choosing between competing methods of supply.

[Our energy policy should start with keeping the lights on and the factories powered up](#)

This article was published yesterday on ConservativeHome. I thought readers of my blog might also find it interesting:

We are living with a desperate shortage of energy. Successive governments and Ministers have ignored the need to ensure adequate supplies of electricity and primary fuels in their passion to close down and move out of coal, oil and gas as quickly as possible. Now we are caught up in a worldwide gas shortage, with fertiliser factories closed – and a Business Secretary summoning a meeting to ask what can be done to limit the spreading damage.

The Business Secretary knows enough economics to understand that, if gas is in short supply, the last thing that would help the UK procure more of it would be a series of price controls over those who dare to buy it on the world market and could sell it here.

We will not like it, but these now unruly global gas markets are controlled by Russia, the USA, and various Middle Eastern countries that have a surplus to export. They do not currently have a big enough surplus to need to take

low bids.

The EU is already complaining that Russia is driving prices higher by restricting her large export supply. Why, then, did Germany make the world gas position worse by deciding to centre their energy policy on a further major addition to their pipeline capacity to import gas from Russia, ensuring their reliance on this source? They were warned by both Presidents Donald Trump and Joe Biden, as well as other allies not to make this obvious mistake.

The UK, too, has made itself far too dependent on energy imports. I have been warning government for years that we need to do more to generate additional power and extract more primary energy at home, endowed as we are with liberal reserves of oil, gas and coal and with access to water power and biomass.

The Business Secretary could do more than pose as concerned at his meeting if he puts in train work to find longer-term solutions to our chronic dependence on unreliable overseas sources of energy. He could ask why the Rough Field gas store was closed down, greatly reducing our stocks of gas which we now need. He should bring in more gas storage. He could review North Sea oil and gas policy, and see how the industry can be encouraged to tap more reserves from our own fields. He should keep the remaining coal power stations available with secure coal supplies for them, until there is sufficient greener power available to replace them on a reliable basis.

He should know that, at exactly the same time as we hit a world gas shortage, the UK electricity supply is under extreme stress. The remaining three coal power stations have been fired up, because there has been a marked shortage of wind for some weeks.

In recent years I have been wearing my keyboard out raising with Ministers and the wider public the issue of our need for more reliable electrical power to keep the lights on. The overriding preference for wind power was bound to leave us vulnerable to periods of calm weather.

If these coincide with cold winter days, the consequences could be disastrous. A modern sophisticated economy needs electrical power for most things. How would food factories keep working, vulnerable people stay warm at home, hospitals look after patients without sufficient power? It is particularly worrying that the current shortage takes place against a background of limited demand thanks to mild weather. The cool summer in the south did not help, as heating thermostats were triggering as late as May and even in August, needing more gas-fired power even then.

The UK's passion for imported electricity has further weakened our position. The French interconnector in Kent was badly burned this week, taking out a potential imported supply of top up power which we rely too much on. We may discover soon that, if the shortages worsen, overseas suppliers will see exporting to us as an easy cut to make to husband their own limited supplies for domestic use.

When electricity was first privatised, we made security of supply the prime

issue in the new system. There was a substantial margin of extra domestic capacity available to bring on stream if one or more of the baseload generating plants had problems. We did not need imports. We made price the second important issue, with a system which always ensured the next cheapest power was brought on stream as demand picked up. In the early years of privatisation we both had plenty of capacity at home, and experienced falling prices. The dash for gas, with many new combined cycle gas plants going in, took feedstock from a healthy UK North Sea and replaced some older less fuel efficient and dirtier coal capacity, so the policy was also green.

Today, the Business Secretary needs to review the complex mesh of subsidies, regulations, penalty taxes and import arrangements that passes for an energy policy. It is delivering a shortage of power. It is holding up a good industrial strategy, as industrial expansion needs access to plenty of reliable competitively priced energy. It is now threatening consumers with much higher electricity and gas prices.

He should order changes that will open up more UK primary energy for us to use. He should want an electricity system that has more reliable renewable power which may take the form of hydro, pump storage and battery, but which also has enough back up capacity from biomass or gas, so we can be sure to keep the factories powered up.

Elimination of our dependence on imported electricity and a substantial reduction in our dependence on imported gas should be a minimum objective. The market would do this if it were allowed to function but, because of the comprehensive muddle of government-inspired past interventions, it now needs dramatic government action to put it right for the future.

In the meantime, we rely on the goodwill of the gas and electricity exporters and will have to pay up to secure supplies. It is the perfect storm, with both gas and electricity scarce. At home, an absence of wind leaves us short, and abroad Hurricane Ida closed down some important US gas capacity. Relying on the wind is a dangerous way of living.

My Question during the Statement on the UK Gas Market

My Question to the Secretary of State on the issue of gas storage capacity: