


Q&A with our Director of Asset Management, Barry Hatton

On Tuesday 5th September, our Director of Asset Management, Barry Hatton answered questions about our transition to a Distribution System Operator (DSO).

Your Future. Your Energy.
Your Questions Answered.

Save the date! Join our Live Q&A
Ask Barry Hatton your questions about our
transition to a Distribution System Operator



Barry Hatton
Director of Asset Management

05.09.2017, 1pm - 3pm
#AskBarry #FutureSmart



@UKPNnews/@UKPowerNetworks

Q. Energy Networks @energynetworks: Barry - How is UKPN working with other DNOs, the TSO and industry to ensure the best whole-system outcomes?
#AskBarry #FutureSmart

A. @energynetworks: Collaboration is key. We are actively working together with DNO's and the TSO through the Open Networks Project. <http://bit.ly/2eBhW1y>

Q. Abdul Qader @bdabdulqader : Hi Barry @UKPNnews With the expected rise of electric vehicles. Can your network cope? How will move to a DSO help this?
#AskBarry

A. @bdabdulqader: Yes. We are already planning for growth in #EV. Our guide for local councils gearing up for EV Chargers is an example <http://bit.ly/2sSh4vN>



5. Prepare and facilitate the uptake of Electric Vehicles

Enable connections using smart solutions and ensure business readiness

Q. Alan Dunn @alantdunn: What risks do you see for UKPN in considering the shift from DNO to DSO? #AskBarry #FutureSmart

A. @alantdunn: The ability to meet customers requirements which we mitigate by improving our forecasting and market intelligence. <http://bit.ly/2eYYgFL>

Q. Stephanie @Steflk87: @UKPNnews when do you think everyone will be driving electric cars?

A. @Steflk87 We had already facilitated 25,884 #EV by 2016 & anticipate widespread adoption of private EV's during the 2020's #FutureSmart #AskBarry

Q.PNDC @PNDC_UK @UKPNnews How will UKPN use feedback from innovators to shape new market models with OFGEM? #AskBarry #FutureSmart

A.@PNDC_UK We are working with innovators through groups like yourself and @EIC_UK to develop new market tools #FutureSmart #AskBarry

Q.PNDC @PNDC_UK @UKPNnews How do you see regulated wires businesses recovering costs in a liberalised DSO environment? #AskBarry #FutureSmart

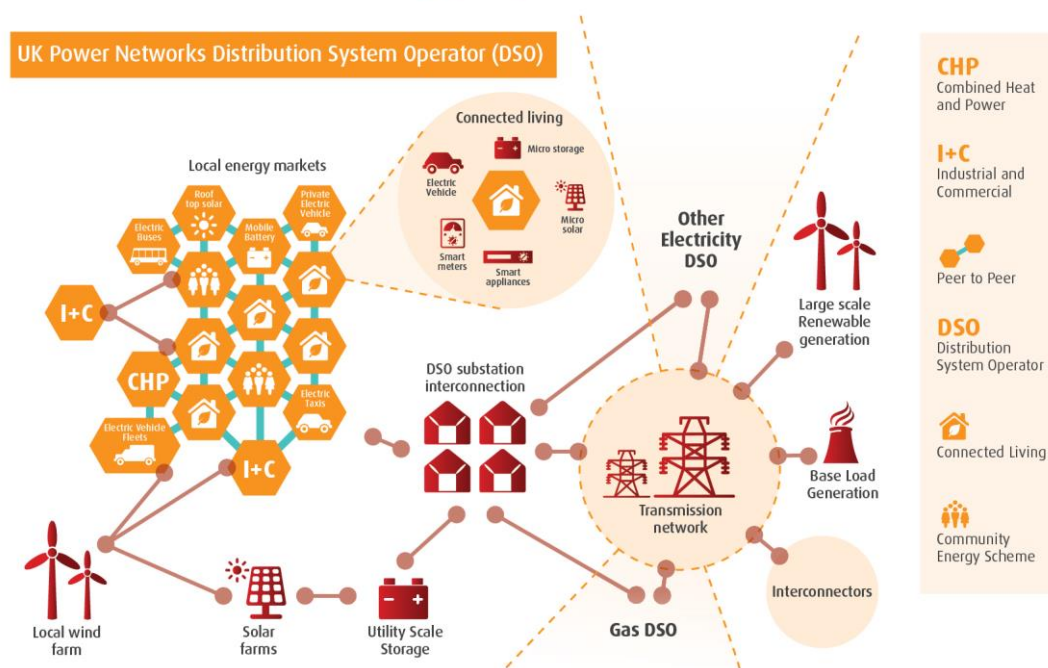
A.@PNDC_UK We're looking at smarter ways of managing network hotspots, reducing costs for customers and driving flexibility <http://bit.ly/2wvDWW5>

Q. EnergyInnovationCntr @EIC_UK @UKPNnews How will UKPN ensure a whole energy systems approach, and more specifically co-ordination with the Gas DSO Strategies?

#AskBarry

A.@eic_uk Through collaboration e.g with Gas Networks @energynetworks on the Open Networks Project. <http://bit.ly/2eBhW1y> & with @nationalgriduk <https://t.co/OdEhYx7twZ>

Future of the energy system



Q. PNDC @PNDC_UK @UKPNnews With new users and connected DERs, what steps do you think DSOs will need take to manage potential network hotspots? #AskBarry

A. @PNDC_UK Reviewing use of system charging <http://bit.ly/2eYYgFL> (Section 5) and working with @ofgem who consulted on <http://bit.ly/2ht7KN>

Q. Team Zen @team_zen1 @UKPNnews What has been UK Power Networks biggest achievement over the past 12 months? #AskBarry #FutureSmart

A. @team_zen1 Rolling out Flexible DG, which to date has saved connecting customers £70m & made it quicker and easier to connect: <http://bit.ly/2b5NUEf>

Q. Muhammad Naeem @arup_mn Who will manage/ monitor the interface of TSO/DSO? What you see impact on customers #AskBarry

A. @arup_mn The interface will be coordinated with new industry codes. Customers would benefit from this whole system approach in lower costs. #AskBarry

Q. Muhammad Naeem @arup_mn Who is taking the lead in balancing energy? How does interface of DSO/TSO will happen?

A. @arup_mn National Grid currently have this responsibility, the DSOs will in future need to be able to balance energy more locally in their networks on DSO/TSO; this is happening now collaborating with National Grid through projects such as Power Potential & SE Regional Development Plan

Q. Muhammad Naeem @arup_mn What do you see the challenges in the interface b/w DER and DSO #AskBarry

A. @arup_mn The DSO will enable local markets in which DER can participate. The challenges will be in developing the market rules. #FutureSmart



Q. Team Zen @team_zen1 @UKPowerNetworks How do you see the use of IT helping you transform from a DNO to a DSO #AskBarry #FutureSmart

A. @team_zen1 It is essential. IT infrastructure will provide the capability we need to enable a Future Smart Market. <http://bit.ly/2eYYgFL> (Section 7)

Q. Ben Westwood @BenAtLogikk What data challenges to you foresee in the transition from DNO to DSO? #AskBarry #FutureSmart

A. @ukpnnews With increased data volumes from customers we will need enhanced analytical capabilities to utilise the data effectively.

Q. Team Zen @team_zen1 @UKPowerNetworks What role do you see the future of Power Storage playing in this transition?

A. @ukpowernetworks It has a major role to play in providing network services to both TSO & DSO and in balancing out fluctuations in renewable energy output.

Q. Team Zen @team_zen1 What's the most interesting thing you have done in your career? #AskBarry #FutureSmart

A. @ukpnnews Hard to pick just one! Every day there is something new. DSO development makes this one of the most exciting times to be in the industry.



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Q. Bob Lamb: Where should we get the power to charge electric vehicles? It is said that large scale [electricity] generation is generating less CO₂ than fossil fueled powered cars – is this true?

A. Surplus energy generated by community energy schemes and smart cities. Air quality and a move to a low carbon economy will drive a move away from fossil fuel cars

Q. Holly Heard: When do you think everybody in the UK will have solar panels?

A. UK Power Networks: This is very much down to customer choice, what we'd like to ensure is that we are there to facilitate everyone's ability to do this.



Linkedin.com/ukpowernetworks

Q. Bhanu Teja Kasani : What is the difference between a DNO and a DSO?

A. A DNO manages a network whereas a DSO enables customers to be both producers and consumers enabling choice

Q. Azmath Ahmed: Which one is better - gigawatts at the source (generation) point or installing kilowatts at consumer (distribution) points individually?

A. Both are acceptable however we are seeing a 'local is best' movement with the rise of community energy schemes.

Q. Tom Rodgers (via LinkedIn: What capabilities do you believe are needed to become a DSO?

A. Data management, customer services and flexibility services. Find out more: <http://bit.ly/2eYYgFL> (section 7)

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Barry is getting ready to answer your questions about our transition to a DSO. Follow the hashtag [#AskBarry](#) [#FutureSmart](#)



   2 

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We are about to go live with our Q&A with Barry Hatton [#AskBarry](#)



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