

THE Fueller

The official journal of The Worshipful Company of Fuellers

Issue 59 November 2019

Welcome to our new Master

Mansion House welcomes
His Royal Highness The Earl
of Wessex and our new officers

Transformation at what cost?

We talk to EY about the continued
disruption in the utilities industry

Giving back

How the Fuellers' Charitable
Trust continue to support
STEM focused projects





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The Fueller is produced in partnership with our sponsor partner EY



Editor's note

KEVIN HEIGHWAY-CORCORAN EDITOR

Welcome to the latest Fueller — and what an edition, wherein we celebrate the confirmation of our new Master, His Royal Highness The Earl of Wessex, Deputy Master Averil Macdonald and our new officers.

With the introduction of more regular news through social media, our WWW and the E-News, The Fueller is no longer the Company's sole news channel. It has the opportunity to become the Company flagship as well as a journal of record; to communicate and promote our four themes: Energy, Fellowship, Giving Back and the Livery. This Royal Year provides a first-rate opportunity to do so.

In this issue we convey the majestic Installation Court and Dinner at Mansion House during which I was honoured to be enrobed as a Liveryman. We also feature an authoritative article by EY on the how the utilities industry continues to be profoundly disrupted. A phenomenon we have to reckon with in our role as the Energy Forum in the City of London.

We also focus on the great work that the Fuellers' Charitable Trust continues to deliver, supporting STEM focused projects and also introduce 4 new members. Members make the Fuellers and do interesting, innovative

work throughout the industry and in public life. If you have a story to tell about your work or your business we'd love to hear from you. This will help strengthen our network and underpin one of the Company's major goals for the Royal Year and beyond — increasing membership.

As always, huge thanks to EY who design The Fueller as part of their sponsorship of Fuellers Conversations and the Fueller.

Finally, we dedicate this issue to our late Father of the Company, Michael Bryer Ash, who sadly passed away 27 October 2019. Michael was an eminent figure in the Company, installed as Master in 1995 and remained a great supporter until his death. Michael will be greatly missed and our thoughts are with his family.

As this is the final Fueller of 2019, may I wish you all a very Merry Christmas and a Happy New Year.



KEVIN HEIGHWAY-CORCORAN

Join the conversation



@WCoFuellers



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Welcome from our Deputy Master



Deputy Master Averil Macdonald, consort Alun with Master The Earl of Wessex

Averil reflects on her installation as Deputy Master and the year ahead

As I write this short welcome just one week on from the Installation Dinner, I have been pondering.

It's not what I was expecting.

Do you ever wonder how you got here? By that I mean how did you get to the situation you find yourself in? I often wonder what my parents would have made of my sitting at Top Table in Mansion House next to a Deputy Lord Mayor having been installed as Deputy Master of the Worshipful Company of Fuellers alongside our Royal Master, His Royal Highness The Earl of Wessex. It isn't what anyone would have predicted for my future – not least because anything in London was 'alien' and the concept of Livery Companies didn't exist in my world.

And this is why my theme for this year, agreed with The Earl of Wessex, is Future Energy.

The energy sector has such a significant role in the future of this planet and in the future of all young people. As a forum for energy in the City, the Fuellers Company has a huge responsibility to lead, not only discussions but also on proposing solutions to move to sustainable methods for generating electricity, powering transport and heating our homes.

I am also proud that the Company has taken it upon itself to promote future careers in the Energy sector to young people, particularly those from disadvantaged or under-represented groups.

Arkwright Scholarships to support for Platanos College, from hands-on STEM Days in schools up and down the country from Smallpeice Trust to Festivals and Awards for those with the best and brightest ideas organised by Teentech. The Fuellers Charitable Trust has established an ambitious programme of fundraising and

support for these, our partner charities – all of which aim to provide great futures in STEM for the young people. I hope you will feel inspired to support them.

Not only the Inaugural Fuellers Conference but also the long established and highly rated Conversations continue to prompt discussion of important issues for the future of the country and the planet. The City is greatly enhanced by Fuellers' expertise and drive in bringing often difficult topics for debate and discussion.

Thank you in advance for your future support and help in everything that the Company undertakes this year – and into the future.

We certainly have a momentous year ahead of us. With your support this year, we will achieve things that only a few years ago were simply dreams. The Royal Year will live long in our memory

Installation Court & Dinner

16 OCTOBER 2019, MANSION HOUSE



Senior Warden Carrie Marsh, our new Master His Royal Highness The Earl of Wessex, Deputy Master Averil Macdonald and Junior Warden Michael Shirley

Kevin Heighway-Corcoran, Liveryman

Nestled in the heart of the City, Mansion House, the home and office of the Lord Mayor, is unquestionably one of London's most spectacular settings. No other would be fitting for the highlight of our calendar – the Installation Court & Dinner, during which we were privileged to welcome our new Master, His Royal Highness The Earl of Wessex.

Master and Wardens' Consorts, Freemen and candidates' guests gathered in their fineries in the Long Parlour to welcome the procession, consisting of Master Elect, Master, Wardens, Senior and Junior Warden Elect for the Ceremonial Court to begin. The room was full of anticipation, accompanied by the gentle sounds of harp music played beautifully by Mrs Katie Salomon.

Our Clerk and Beadle led the magnificent installation ceremony welcoming Colonel Simon Bennett as Honorary Liveryman, having been installed as the Master Carmen earlier the same day. Our Clerk proceeded to present our new Freeman and Liveryman to the Court of the Company as follows:-

New Freeman — Jon Dyar Boles, Robert John Bullyment, Professor Titus Kehinde Olaniyi, George Thomas Paton, Mark Peter Pearce, Geoffrey Howard Peters.

New Liverymen — Kevin Heighway-Corcoran, Colonel Paul Thomas Smith.



LEFT: Welcoming Master Carmen Colonel Simon Bennett as Honorary Liveryman. RIGHT: Our new Freeman and Liverymen

Our late Father of the Company and member of the Coal Meters' Committee, Michael Bryer Ash, approached the Court Table to present a magnificent new Master's Jewel. The Master disrobed his gown, chain and jewel, detaching the Master's Jewel from the Chain, replacing it with the new addition. The Court rose to hear the Master Elect make his declaration, adorning the Master's Chain.



TOP LEFT: The late Michael Bryer Ash presents a new Master's Jewel TOP RIGHT: Shravan receives his Past Master's Jewel
BOTTOM LEFT AND RIGHT: Our new Master The Earl of Wessex makes his declaration and addresses the Ceremonial gathering

The ceremony continued with equal splendor with the investiture of the Deputy Master, Averil Macdonald, Senior Warden, Carrie Marsh and Junior Warden, Michael Shirley. The Company recognised the invaluable support given by our Officers' Consorts and presented our immediate Past Master's Consort, Mira Joshi, with a brooch, and similar for the newly installed Officers' Consorts. Our now Past Master Shravan graciously presented an elegant silver goblet to add to our collection, acquired from his travels in India earlier in the year.



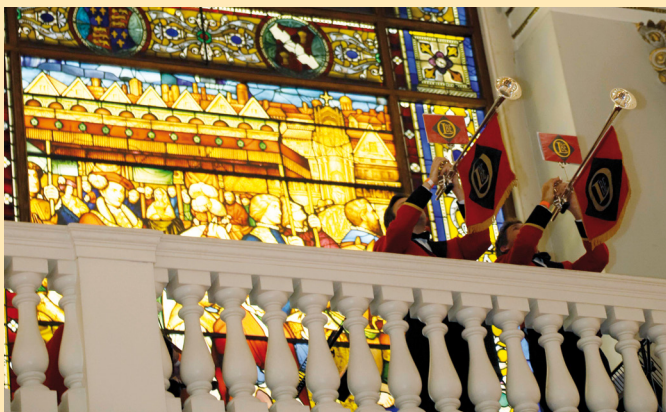
Our Master The Earl of Wessex aids our new Deputy Master Averil Macdonald

With a receiving line spiraling down the elegant stairwell, the evening continued with celebratory drinks before entering the elaborate Egyptian Hall to be seated. Once a central courtyard, this now roofed sumptuous room is based on designs by the classical Roman architect Vitruvius, with giant columns supporting a narrower attic area.



We welcome our new Senior Warden Carrie Marsh and Michael Shirley as Junior Warden

With an incredible banqueting ensemble from Handel to Verdi, the electricity in the room was evident. Reverend Canon Huw Mosford delivered Grace before the room enjoyed what can only be described as an ambrosial set of courses. Port in hand, toasts soon followed ahead of our principle guest, Alderman Sir Roger Gifford.



A delightful musical ensemble and elegant setting



Alderman Sir Roger Gifford addresses the room

Sir Roger Gifford reflected on the significance of the plethora of activities undertaken by the Company and added, 'These are important, as to achieve a fair transition that society needs, it is crucial for new ideas for energy to be articulated'. He continued, "Thought leadership is only one way that the Fuellers address social and environmental issues. Your trust fund has supported some of the most impressive STEM focused charities in the country" and he thanked the Fuellers for 'the work you do, the time you invest and the money you raise'. To conclude, with much cheer and applause, he presented our Master with a credit card wallet, and our Clerk a Mayoral teaspoon before toasting the Worshipful Company of Fuellers, 'May it flourish root and branch forever'.



Our new Master The Earl of Wessex expresses his thanks and future views

Our new Master, The Earl of Wessex, addressed the room with much jollity, encouragement and gratitude, welcoming the support of all the Fuellers and Past Masters, thanking in particular, "a most fantastic Master" Past Master Shravan and his Consort Mira. He continued with enthusiasm, welcoming our Deputy Master, new officers, Freeman and Liverymen. He acknowledged our continued role as Fuellers in shaping future energy, and congratulated one and all on our present links in the industry and unbiased interests in the future of the sector. He continued that, 'We need young people, we need their imagination and passion to find and deliver the solutions, so we must inspire them to acquire the right skills and spirit'.



New Senior Warden Carrie Marsh delivers an engaging speech

The Earl of Wessex concluded that, "It is an extraordinary honour to be your Master and a considerable responsibility. I pray that that I can match the trust and confidence that you have assigned to me and my fellow officers. I look forward to an energetic, highly charged and fun year. God bless you and the Worshipful Company of Fuellers". The room rased to their feet and much applause followed.

Our newly installed Senior Warden, Carrie Marsh, rose to address the collective, reflecting on her role as Senior Warden and raising much laughter with her echoes on a bygone Victorian era.



Merriment had by all with the Loving Cup!

The evening was enthusiastic, emotional and collaborative, not forgetting the ceremony of The Loving Cup, dating back to Saxon times and the assassination of King Edward whilst drinking, and the Post Horn Gallop (Koenig) that brought much cheer for the soloists.

The evening concluded with drinks, discussion and laughter and one and all left with a sense of the exciting year to come.

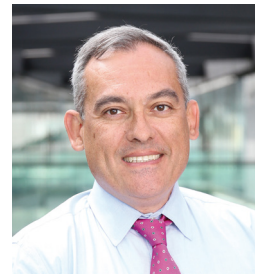
To view the full gallery, please visit fuellers.co.uk/news for details of Mark Dalton's, website or click [here](#)

Transformation – at what cost?

The utilities industry continues to be profoundly disrupted and evidence states it will be impacted again soon. We talk to EY's Global Innovation Lead, Power and Utilities, Thierry Mortier, and Cavan Fabris, EY's Data and Cyber Lead, Law about the threats and opportunities facing the industry.



Thierry Mortier



Cavan Fabris

With renewable energy high on the global agenda, the utilities industry is in a state of transition. At what cost? With the expectation of a stark US\$39 billion annual utility revenue loss in 2020 due to solar distributed energy, the future for utilities may appear somewhat bleak. However, utilities can offset the entire expected revenue loss in the same year, even if they just capture 30% to 40% of the estimated size of opportunities they are now presented with.

Utilities need to reinvent themselves, become more agile, and tap into the new emerging business models

What challenges and opportunities utilities face during this time of transition? Our research shows that the industry will be impacted again soon with a range of value shifts that will produce significant winners and losers in the value chain. The energy transformation ahead is attracting companies from other industries, who look

at the utility space as a real opportunity to expand their activities. Established utilities now also compete with agile new market entrants, plus large tech companies and other industries that are entering the scene such as automotive majors. This means that utilities need to reinvent themselves, become more agile, and tap into the new emerging business models driven by the application of new technologies.

Many utilities have made investments to embrace these opportunities, however success has, for some, proved elusive. In addition, regulations must adapt to allow digital innovations and the evolution of the energy system. Governments and regulators risk stalling the energy transition if they do not adapt with agility. Moving to a flexible, risk-based regulatory model that balances consumer interests and innovation is key if energy companies are to transform in time.

It's key that utility companies process and monetise data whilst protecting their reputation and upholding consumer trust and service

New technologies, digitization, the growth of smart devices and grids offer more potential for consumers – but what's the impact on current business models? We are moving toward a new energy system, augmented and interconnected by digital technologies meaning an increasing demand for electricity above any other energy source. With new energy systems come new opportunities such as e-mobility, distributed energy resource management and data services. With this shift, power and information flow in all directions and generation is becoming more distributed and closer to the end consumer with increasing direct access to the market. This evolution delivers a huge rise in the amount of data and the storage required (above and beyond the current generation capacity), impacting the change in business models and the role emerging technology has to play.

With the misuse and loss of data occupying headlines, consumers are concerned about how organisations collect and use their data. What do utilities need to consider? It's key that utility companies process and monetise data whilst both protecting their reputation and upholding consumer trust and service. OES (operators of essential services) in the UK's energy, transport, health, water and digital infrastructure sectors must comply with enhanced regulatory burdens if they are hacked or have a data breach and have an obligation for robust mechanisms to be in place to respond. Non-compliant organisations may be fined up to £17 million in accordance with The Network and Information Systems Regulations 2018 (NIS) in addition to further fines under the GDPR (The General Data Protection Regulation) of up to 4% of annual global turnover or €20 million – whichever is greater – for organisations that infringe its requirements. In addition, customer, brand and perceived value are all critical with measurable impacts on the financial performance of all organisations.

Collaboration is key and utilities should be looking at examples within the automotive industry

So finally, what are the keys to success? Regulations rarely maintain pace with technological advancements. Ethics fills this gap and therefore ethical decision-making must play a large role and should be designed into product and service development processes within all organisations allowing them to seize disruption with confidence and enhance trust. Whilst business ethics differ across industries, e.g. a fossil fuel company may be under continual scrutiny for its environmental ethics, whereas a tech company may be under the spotlight for the security and privacy of customer data, the baseline remains the same.

Secondly, collaboration is key and utilities should be looking at examples within the automotive industry. The automotive industry faces similar challenges to utilities as they fight to remain relevant as agile tech companies accelerate past them. Collaboration in uncertain times also allows organisations to drive down and share immense R&D costs, developing these new technologies without duplication.

Companies must embrace automation to streamline processes and digitize data. With the advancement of technology, insights will be generated using machine learning and artificial intelligence to create new data sets. Platforms that tie data and emerging technology solutions together can provide real-time risk identification. Emerging technologies are critical enablers for tomorrow's energy system. Utilities are facing a consumer-led, technology-enabled energy transition. We see that technology will shape these organizations in three core areas:

1. Improving operational excellence of the current business – releasing cash for required investments in a new energy system
2. Technology will underpin new platforms through integrating, controlling and steering all distributed energy resources into a new energy system
3. Technology will fuel the development of new services and business models, generating new revenue streams in defence or in offense

To read further insight on this subject and the research quoted in this article, please visit <https://go.ey.com/2BPPKUI>

Want to read about specific topics?
Please send your thoughts to the
Editor or the Communications team.

Other news

BP invests \$5m in carbon offset company

BP Ventures has invested \$5 million (£3.9m) in Finite Resources, parent company of Finite Carbon, which is a US-based forest carbon management firm. The investment will enable Finite Carbon to launch voluntary carbon offset programmes for businesses for sustainable forest management. The company quantifies the carbon benefit of long-term commitments to sustainable forest management practices and connects landowners to businesses that want to incentivise this by paying a fee per ton of carbon dioxide permanently stored in the forest.

Smart meter roll out delayed four years

The government has revealed that rollout has been pushed back to 2024. Ministers had stated the government's 2020 deadline was achievable despite industry raising that the technology was not ready. However, officials announced that the likes of British Gas, Eon and Scottish Power will have until 2024 to install the meters in homes across the country because of delays in connectivity and issues with the batch already in use. One of the biggest issues has been older generations of meters not working when a household has switched suppliers, with the data no longer being sent in real time to suppliers.

Member's spotlight celebrating our people

GEORGE PATON, MRICS FAAV FBIAC WebbPaton



"Having advised landowners on property issues relating to solar farms since 2011, I have now become a Freeman of the

Worshipful Company of Fuellers, which encompasses the renewable energy industry. It is fantastic to be part of such an exciting Worshipful Company at a time of change in how we produce energy and with climate change high on everyone's mind."

George set up WebbPat in 1999, a rural chartered surveyor practice, who now act for farmers, tenants and landowners throughout Oxfordshire, Wiltshire and Gloucestershire. He specialises in the promotion/disposal of residential development land and renewable projects.

GEOFFREY PETERS Applied Energy Ltd



"Having a proven track record in Energy Engineering, joining the Fuellers is yet another milestone in my career to 'do my bit'.

The aims of the Company represent excellent aspirations that I would like to contribute towards and I am honoured to be invited to be a member of the Company in this quest"

With qualifications in both Mechanical, Electrical and Energy Engineering and attaining Chartered status, Geoff has 38 years experience in the building services industry.

EMMA THORNTON Student



"I'm passionate about the environment, renewable energy and exploring energy efficiency. I wish to continue to broaden my knowledge of the industry and how it is developing. Following my Arkwright Scholarship, I feel privileged to join the Fuellers providing me with incredible opportunities and a community of extremely knowledgeable, interesting and friendly role models, continually inspiring me to pursue my ambitions".

I was fortunate to be sponsored by the Fuellers for my sixth form Arkwright Scholarship. The Fuellers events and lectures that I have attended have been captivating and highly enjoyable.

JON DYAR BOLES, CFA RenInvest Sustainability Ltd



"I'm very pleased to join an institution promoting education and providing a forum for dialogue on energy — something so fundamental to our

daily lives, and critical to our future — yet little understood and taken for granted. I believe the Fuellers can play an important role as London grows as a hub of sustainable energy finance going forward".

Jon studied in the US, Germany and Italy (BA/MA) and started his career as a project finance banker in Germany, later living and working in London, São Paolo and Buenos Aires.

Obituaries



MICHAEL BRYER ASH

1928—2019

It is with the greatest sadness that we report the death of Past Master Michael Bryer Ash on 27 October 2019.

Michael, an eminent figure in the Company, joining as a Freeman in 1981, was installed as Master in 1995 and remained a great supporter of the Company until his death, notably presenting the magnificent new Master's Jewel during the recent Installation Court.

Michael had long been an enormous figure in the coal trade for over seventy years. During his long career he distinguished himself in the Coal Trade Benevolent Association, The Coal Meters and The Coal Merchants' Federation.

Michael became National Chairman of the Coal Trade Benevolent Association (CTBA) in 1981 and shortly after a Trustee, a position he held until 2011 and discharged with incomparable skill and diligence.

He will be hugely missed and our thoughts are with his family.

The Fuellers are a young and growing Livery Company and welcome applications for membership from those working, or having a significant interest in energy. We have a varied social programme, ranging from formal dinners in some of the finest locations to networking events, industrial visits and energy lectures.

Why not introduce a colleague and help grow our membership?
For further information visit www.fuellers.co.uk/become-a-fueller

Giving back



TEENTECH



GENERATING
GENIUS



smallpeice
Dare to imagine

Arkwright
Scholarships Trust

The Fuellers' Charitable Trust Fund is for the relief of poverty, education, research, and assistance to those causes primarily having a direct connection with the objectives of the Fuellers Company.

Throughout the Royal Year, the Fuellers' Charitable Trust will be delivering support to STEM focused projects to enable students from disadvantaged backgrounds to benefit from the opportunity to enter the Energy Sector. The following three charities have been identified as enabling the Charitable Trust Fund to achieve this:

- **Teentech** an award winning charity, founded in 2008 by Maggie Philbin and Chris Dodson to help students see the wide range of career possibilities within science, technology and engineering. Teentech runs lively initiatives with a supporting Award scheme to inspire the innovators of the future.
- **Generating Genius** work with young people who are underrepresented in higher education and particularly in STEM; this includes females of any ethnic group, black African and black Caribbean males and mixed-race young people . Generating Genius partner with London state schools that have a high percentage of pupils in these categories who show academic potential and an interest in STEM.
- **Smallpeice/Arkwright** — For 50 years, The Smallpeice Trust has been empowering young people to fuel their passion for engineering. In 2018, the Arkwright Scholarships Trust merged with The Smallpeice Trust and continue to identify, inspire and nurture future leaders in engineering, computing & technical design, offering 6th form scholarships and a programme of events.

“CTF has worked with each of these organisations to identify specific projects that individual Fuellers will have the opportunity to support”
Stuart Goldsmith, Past Master, Chairman

There are many exciting projects planned including:

Teentech

City of Tomorrow Build Day — involving 100 students from years 6 and 7 who will be asked to innovate and build creative solutions to improve the way we work and live together (£2000)

Company Innovation Day — students from years 10–12 will have the opportunity to visit a company to experience science in action (£3000)

Generating Genius

This project involves the establishment of a Travel and Subsistence fund for Year 12 students undertaking Work Experience during a Half Term or similar vacation period. Fuellers are also invited to offer work experience opportunities within their own companies or within others with whom they have useful connections.

Smallpeice/Arkwright Trust

Sponsorship of Future Energy STEM activity day for up to 60 students in year 8 and 9 at a selected school (£1000) plus the sponsorship of an additional Arkwright 6th Form Scholarship (£1000 per student per annum)

Chairman Stuart Goldsmith said, “The donations from members will be supplemented from the FCT’s own funds to ensure that each project proceeds. In total we are hoping to donate at least £50,000 in this way”

Stuart continued, “A Fuellers Music Scholarship Fund will also be established with Platanos College to allow the purchase of instruments and provide tuition to pupils identified as having extraordinary talent . We envisage this to equate to £1500 per annum per student.”

The Platanos Project

Chloe Andrews-Jones Past Master

This Royal Year sees the establishment of the Fuellers Platanos Music Scholarship Fund — the school will select pupils who, having sat music aptitude tests, demonstrate an extraordinary talent. They'll be provided an instrument and individual tuition to enable them to develop their skill, or learn an instrument from scratch. Tuition costs will be met in the region of £1,600 per year and the Trust will follow the pupil throughout their school career (so long as they continue to play of course!).



Platanos College, a mixed secondary school located in the Stockwell area of the London Borough of Lambeth, remains the Fuellers' focus for school sponsorship. Previously a foundation school, it was converted to academy status on 1 February 2011.

Livery companies have long played a crucial role in education and training and modern Companies, such as ours, are encouraged to develop a relationship with a specific school. In 2006, Trustee Shравan Joshi contacted the DofE and asked them to identify struggling inner-city schools that would benefit from the Trust's help, and, after a careful selection process, the Trust began to support Stockwell Park High School, which adopted the name Platanos College in September 2012.

The Trust's support began with sponsoring several pupils on a GCSE Revision residential course, giving pupils the opportunity to improve their exam success. In addition to an annual donation, the Trust spearheaded an initiative to develop extra-curricular activities in the shape of cadet groups. With tremendous support from our then Clerk Sir Antony Reardon Smith, an ACF was formed along with St John's Ambulance Cadets and a Scout Group. The ACF subsequently



became a CCF, enabling securing of additional external funding, and this, together with the other groups, continue to thrive at the school. Indeed those of you at the Installation Dinner will have seen some of the cadets in the Platanos Carpet Guard.

To better support the activities of the Cadets, the Trust's largest donation to date was made to Platanos when the Trust funded the purchase of a minibus in 2015 at a cost of £27,000, bearing the Fuellers crest alongside the school's name. Since that major contribution, the Trust's financial support has been more ad hoc than routine, however through the Industry Group, the Company has developed an important initiative with the delivery of the Fuellers' Academic Lecture Series at the school. Just embarking on its third season, the Lectures, delivered by individual Fuellers, showcase the breadth of opportunities available to students in the energy industry and supporting services. We have also introduced the College to The Smallpeice Trust, who held a successful event at the College last Spring.

Whilst the Lecture Series focuses on STEM related subjects, the Trust's most recent project will shift emphasis to the Arts. At the end of the summer term 2018, Stuart

Goldsmith (Chairman of the Trustees) and Shравan Joshi (then Senior Warden) attended a prize-giving event at Platanos at which Shравan made the keynote speech and they were privileged to watch a very emotional performance by the newly formed theatre group. It was a powerful piece featuring an autistic lead actor in a performance focused on autism and its stigma.

Moved by what they had seen, Stuart and Shравan discussed how the Trust might support this work. It was suggested that we could fund a stage for the Platanos main hall, comprising of movable blocking giving flexible usage and large swathe main curtains with the associated trimmings and fixings.

The Trustees have agreed to contribute over £10,000 to this project that will provide toward better facilities for the school. Aimed for completion by the end of 2019, the stage will support the whole school's creativity agenda, their drive to raise the profile of the performing arts. It will also offer a suitable platform for prize-giving ceremonies and their associated celebrations of excellence in an environment where "Attitude determines Altitude".

For further information about the Fuellers' Charitable Trust Fund, please visit fuellers.co.uk/charitable-trust-fund or contact Mr Stuart Goldsmith, Past Master, Chairman.

Please support the Charitable Trust Fund so we can continue our donations in line with our mission statement. Donating couldn't be easier, just click [here](#) or visit fuellers.co.uk/charitable-trust-fund.

Event highlights

What we've been up to

Fuellers Sunday 3 November 2019 By Senior Warden, Carrie Marsh



Approaching by foot through a sleepy City on a cold morning, the church of St Vedast-Alias-Foster provided a warm welcome. The church is dedicated to a French saint, little known in Britain, who was Bishop of Arras in northern Gaul around the turn of the 6th century. Deputy Master Averil MacDonald hosted a modest group of Fuellers for this year's event.

The trail of incense and sun streaming through the stain glass windows made for a beautiful setting, where Father Paul Kennedy led the service. Both the Deputy Master and Senior Warden delivered readings during the service and Father Kennedy's sermon showed he had engrossed himself in our Company history and WWI making particular reference to our latest Fueller. A touch most appreciated as was acknowledging the recent passing of our Father of the Company, Past Master Mr Michael Bryer Ash during the prayers.

Following the service, we were welcomed to refreshments with a most welcoming host and congregation and upon our departure, we headed to Paternoster Chop House, home of "First Dates" reality TV show, though we were pleased to find they were not filming that day!

Conversation Evening at EY 31 October 2019 Past Master, Paul Cuttill

EY has built a strong reputation in many areas and its Renewable Energy Country Attractiveness (RECAI) report is one such example of leading-edge research material to assist project developers, financiers and corporates understand where in the world the business environment is most conducive for renewable energy activity. A packed room at EY's head office heard from EY's Phil Dominy, Lavaanya Rekhi and Sami Zubair on the latest RECAI report published in May, plus a look forward to the forthcoming November 2019 edition.

The RECAI has at its heart qualitative and quantitative analysis based around 16 parameters and 53 detailed datasets prioritised across five broad topics – the primary 'weighting' is on the Technical Potential of a country followed by its Project Delivery capability and then the energy imperatives guiding the particular nation state. To complete the analysis the policy enablers and general macro environment are considered.

A very informed set of questions followed to stimulate the 'conversation' followed by an opportunity for great networking and sharing of reflections and ideas.

The next and 22nd Conversation is 26 February 2020 with the topic 'The public spotlight on aviation fuel – How to adapt to keep us flying whilst meeting future energy demands and environmental pressures.' The Speaker will be Freeman Fueller and Fellow of the Energy Institute, John Pitts, Managing Director of eJet, Global Aviation Fuel Specialists.



Read the full summary at
www.fuellers.co.uk/news

The Fuellers' Conversations are regular informal events supported by EY where we continue to expand and share knowledge and understanding of the latest trends in the energy sector. They are free to attend although we do encourage everyone to consider a small donation to the Fuellers' Charitable Trust.

For information on past and future Conversations please visit
www.fuellers.co.uk/members-area/conversations

Fuellers get airborne with 10 Squadron 29 October, Brize Norton By Liveryman, Paul Mott



The Fuellers' annual visit to RAF Voyager Tanker Squadron 10 was originally due to take place 9 October, but was cancelled for operational reasons — no bad thing, as on that day, a van left behind by the "James Bond" film crew displaying an out of date pass caused evacuation of the base! The aim of the visit was to highlight the work undertaken by 10 Squadron using Airbus A330 based multi role Voyager Tankers, both in air-to-air refuelling of planes, troop & equipment transportation & VIP transportation.

Taking off and heading for the Atlantic, the Fuellers were delighted to find that, as well as refuelling 12 Eurofighters from the wing hoses, we also refuelled a Hercules from 47 Sqn on the centre line, thus enabling us to see all 3 of the KC3's hoses in use.

The RAF exhibited great patience in answering all our questions, and Deputy Master Averil completed the day by thanking 10 Squadron on behalf of the 18 Fuellers, presenting a cheque to the RAF's charity.

**Common Hall Election
2 October 2019
By Carrie Marsh, Senior Warden**

A cool but sunny morning saw several Liverymen from the Fuellers Company convening on the Guildhall for the election of the 692nd Lord Mayor of London. It began with a church service in St Lawrence Jewry-next-Guildhall, the official church of the City of London Corporation. The ceremony then moved into Guildhall where the election process began to elect Alderman William Russel. It was quite a sight to see the Masters of the Livery Companies sat together in their various robes, bright colours and jewels. After the election process was complete, there was a Resolution of Thanks to the soon to retire Lord Mayor, the right Honourable Mr Peter Eslin, followed by a Resolution of Thanks to both the Sheriffs, Liz Green and alderman Vincent Keaveny.

**Sheriff's Ball
20 September 2019
By Jan Harrison, Past Master**

A table of Fuellers and their guests joined our Master Shravan and Consort Mira at one of the highlights of the Livery Year, the Sheriff's Ball, in the historic surroundings of Guildhall. The Ball now in its fourth year, offered an amazing selection of silent auction items, raising funds for this year's Lord Mayor's Appeal. The chosen charities included, 'Place2Be', 'OnSide Youth Zones' and the 'Samaritans' and the night raised funds of nearly £70,000.

**Fuellers at close quarters
with RFA Lyme Bay
11 September 2019
By Liveryman, Paul Mott**



A party of Fuellers joined a larger Livery visits-day to enjoy a trip to RFA Lyme Bay, 11 September, when she was moored off Greenwich Pier. Hosted by Commodore Duncan Lamb we were informed of the status of the RFA fleet and enjoyed a fascinating tour including seeing a coastguard helicopter close up.

RFA Lyme Bay is a Bay-class landing ship dock of the Royal Fleet Auxiliary capable of delivering a significant fighting force anywhere in the world. She is designed to be part of an amphibious task group, capable of carrying, and landing, a large number of troops, typically Royal Marines, in boats via the dock or by helicopter from the flight deck. She is unique in having a specially retrofitted operations room that the other two Bay class vessels lack.

The 177 metre vessel's built-in versatility lends itself to a wide range of other tasks, including disaster relief. The ship has the ability to pump water ballast around

enabling it to dip, or skew, its rear end sideways. This allows various amphibious vehicles in its large central floating dock to be deployed to land for use in, for example, earthquake relief.

The visit concluded with a hearty curry for lunch!

**The Lord Ezra Lecture 2019
10 September 2019
By Professor Michael Green & Michael Shirley, Junior Warden**

The lecture room at CMS was packed with Fueller members, prospective members, Livery Company Masters and other guests for the 15th annual Ezra Lecture delivered by Tony Hayward, Chairman of Glencore and former CEO at BP. The theme was 'Future of Energy' with Tony commenting that there is an increasing demand for global energy where 40% more output will be required by 2050 and how this can be reconciled with the Paris Agreement. He said that fossil fuels will still be 80% of worldwide energy supply in 2035 so the world should focus, as well as renewables, on clean fossil fuels, CCS and carbon taxes to minimise their effect. Global warming, the growth of China, battery technology and energy policies were just some of the other topics addressed that provided a fascinating evening for all.

Read the full coverage of our recent events at www.fuellers.co.uk/news

Fuellers gather ahead of the mid-air refuelling experience at Brize Norton



To catch up on all past events please visit fuellers.co.uk

From the clerk

WILLIAM WALWORTH, CBE



2019 is the year the plan started to come together. All the work of the three years since the strategy review has meant the strategy development, appointment of Paul Cuttill as fixed three-year term chairman for the General Purposes Committee, creation of sub-committee groups to take forward communications, recruitment, retention, communications and sponsorship and donations, have all bedded in. When you add in Industry Group, the Fuellers Charitable Trust Fund, the General Purposes Committee and Court, there are many opportunities for members to take an active role. You can also consider donating your time to our charities and Platanos School as a first step into Fuellers activities.

The incentive for much of this was on making the most of having His Royal Highness The Earl of Wessex as Master, but review was needed anyway, the Company having grown substantially since the previous one.

To remind you, the aim of the year is to enhance the profile of the Company in order to raise membership. The more members the greater our influence in the Energy Industry and the City of London, and the more we have to offer our members and donate to the Fuellers Charitable Trust Fund (FCTF), in both funds and the number of Fuellers available to offer their experience in support our charities.

The programme for the year remains the same as my last article, although there will be a couple of changes in the way events will run. Election Court is now 27 April, please note this change. We are still looking at confirming which hall. The Master would like this to be run as a buffet lunch that will enable him to meet more Fuellers and enable Fuellers more time to chat to their friends. The Mid Summer Dinner 17 June on board HQS Wellington, home of the Honorary Company of Master Mariners, will also be a less structured event than normal and the Deputy Master's consort Alun and his band will play on the quarterdeck. Sounds like a fun evening.

After the Future Energy Conference on 20 November and the reception in St James's Palace, the focus swings on to the Charitable Trust Fund. The CTF has identified a small number of projects run by our charity partners, Teen Tech, Generating Genius, the Smallpeice Trust and Platanos Academy. It is hoped you will support one or some of them. Assisted by a team of students from Bournemouth University the trust will also initiate a legacy programme for you to consider. More about these when the programme is announced shortly. Finally, the plan is to hold a reception hosted by the Master to recognise the charity and donors, to round up the year.

On an entirely different note, some of you may have heard of the Pan Livery Initiative. This is a programme for the livery companies to consider the livery, in the context of its role in the 21st Century. There have been questionnaires about the demography, diversity and inclusiveness of the Livery, the charitable role and the total donations in time and funds of individual companies and the Livery as a whole. The outcome has been interesting, and I will write about it in the next edition. In the meantime, have a great Christmas and New Year and good luck in 2020.

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Dates, artefacts and merchandise

The Company's possessions

The Fenton Tankard

(Credit: John Bainbridge, 2012)



This striking tankard, donated to the Coal Meters in 1962 by Sir John Charrington, was presented to the Company on permanent loan by the Coal Meters Committee many years ago. The tankard is featured in "Drinking Vessels of Bygone Days" by G. J. Monson-Fitzjohn, published in 1937. Unfortunately, the author gives no indication of who owned the tankard

at the time or where he saw it. However, in stating the lady to be a mine owner and the miners to be Yorkshire miners, the author alludes to have known more of its origin than the Coal Meters Committee did in 1962. Goldsmiths' Hall advised that the mark is R.B is for Richard Bayley, and the date letter is 'T' for 1734/5. Richard Bayley was apprenticed in 1699, became Free in 1706 and Prime Warden of the Goldsmiths' Company in 1751.

Inscription on the tankard:-

To,
 Their most gentle Mistress RACHEL FENTON
 The goodly crews, the crew called COLLIERS
 The dirtiest but not the most ungrateful of all cattle
 And now in high spirits, being about to be turned
 into fresh pasture commonly called BOTTOM COAL
 To her, Who has often Ramd their Rops and Whetted
 their Whistles, These grim sons of Pluto, living always
 in greater fear of Thirst than Firedamp have with
 inimitable politeness and address presented this
 nipperkin of a Tankard
 A.D. 1735.

Dates for your diary

November	January 2020	June 2020
Wednesday 20th	Wednesday 22nd	Early June
All day Fuellers' Industry Conference	All day New Year Court and Dinner Skinners' Hall	Master's jail and bail
All day The Festival of St Cecilia Westminster Abbey		Wednesday 17th
The Earl of Wessex Energy Conference	April 2020	Mid-summer Court and dinner
	Wednesday 15th	June/July 2020
December	Fuellers' Common Hall (AGM), Election Court and Election Lunch Skinners' Hall	CTF Reception
Monday 9th	Monday 27th	July 2020
All day Carol Service with Fan Makers and Supper	Election Court and lunch	Monday 20th
Tuesday 10th		Affiliates lunch and Thanksgiving service
Annual Game day	May 2020	September 2020
Oil Industries Lunch Saturday 14th	Friday 1st—Sunday 3rd	Ezra lecture
Brigantes AGM and Winter gathering Tuesday 17th	Master's weekend in Abergavenny	
Fuellers' Charitable Trust Fund Skinners' Hall		

Merchandise

As we head toward Advent, now is the time to visit the Members' area of the website and order some fantastic Christmas gifts. From high quality-leather bound notebooks, to limited edition luxury playing cards, you're sure to makes somebody very happy with a gift from the Fuellers online shop (or maybe even a small treat for yourself?!).

Visit www.fuellers.co.uk and login to the member's area.



Archive

For all archives please visit

www.fuellers.co.uk/members-area/archive