Town Clerk

From:	Town Clerk
Sent:	12 November 2021 17:37
To:	Councillor Armstrong; Councillor Binns; Councillor Brine; Councillor Callinan; Councillor Davis; Councillor Gibbons; Councillor Gibbs; Councillor Kambites; Councillor Parsons; Councillor Powell; Councillor Randell; Councillor Swain; Councillor Terry; Councillor Thorpe
Cc:	HOUSDEN, Cllr Nicholas; Cllr.Mattie.Ross@stroud.gov.uk
Subject:	Gas supply - Options Appraisal - Town Hall/Library
Attachments:	Gas Supply - Options Appraisal.docx; Project Slides for YU Energy.pdf

Dear Town Councillors

You will already be aware of impending price hikes as a result of the difficulties within the gas supply industry and in particular the demise of CNG. During the past week I have been trying to seek gas prices from a number of sources, including prices through two Brokers, Utility Aid (UA) and Bionic. Utility Aid work with NALC and a number of local authorities up an down the UK.

The attached price options appraisal considers 1, 2 and 3 year options – please look at the table carefully. Also included is a renewable option (YU Energy) and the fall-back option that is, Pozitive Energy. As we are currently out of contract, we are being charged the 'Deemed Rate'. We need to make a decision as soon as possible on the Town Council's:

- Future gas supplier
- The contract term and,
- Whether the council wishes to go down the renewable route. I have sent you some supporting information about YU Energy for discussion.

I have contacted GCC and asked for their comments as they will be paying the lion's share of the utility bills (63.37%). It is therefore important that they have an opportunity to input in to the discussion. GCC's current climate action plan suggest that they wish to purchase all of their energy from renewable sources. The town council does likewise but does not specifically mention gas supplies.

These are unusual times, with very few indications as to whether prices are set to increase further, stabilise or go down over the short to medium term. One of the two Brokers used has however indicated that perhaps that it may be prudent to take a long term view on this issue.

From a personal perspective, unless the Town Council specifically wishes to purchase gas from a renewal source, the fall-back option of a two year contract through British Gas Lite (Bionic) would be a sensible choice providing an element of certainty (unless of course the company folds) whilst also providing an early option to go down the renewable route.

Thanks

PS! We will need to be discussing the town council's electricity supply as soon as possible as prices for this are also increasing

Carlos Novoth
Town Clerk
Stonehouse Town Council
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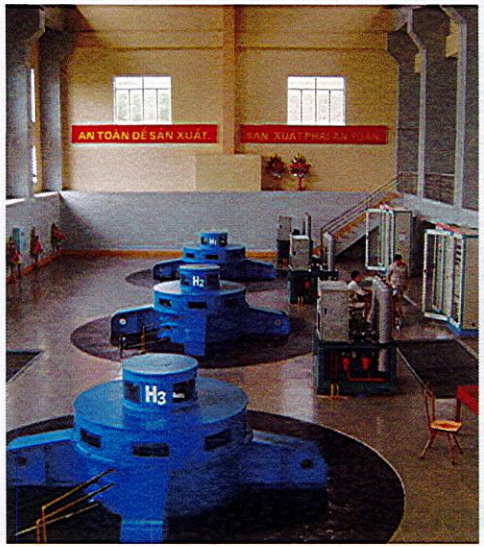
Gas Supply Contract – Stonehouse Town Council – November 2021							
Option	**Unit rate**	**Total 37,000 Units**	**Standing charge/ day**	**Total Standing charge**	**Total Annual Charge**	**Total Contract Commitment**	**Comments**
Current charge CNG	£0.029	£1,073	£1.10	£401	£1,474		Current supply
British Gas Lite - UA (3 Year Contract)	£0.0782	£2,893	£0.45	£164	£3,057	£9,171	3 Year Contract Non renewable - Gas
British Gas Lite - UA (1 Year Contract)	£0.0871	£3,222	£0.45	£164	£3,386	£3,386	1 Year Contract Non renewable - Gas
British Gas Lite - Bionic (2 Year Contract)	£0.059	£2,183	£1.50	£547	£2,730	£5,460	2 Year Contract Non-renewable - Gas
EDF Energy – Bionic (2 Year Contract)	£0.084	£3,108	£0.25	£365	£3,473	£6,946	2 Year Contract Non-renewable - Gas
Scottish Power - UA (3 Year Contract)	£0.0860	£3,182	£0.25	£91	£3,284	£9,852	3 Year Contract Non renewable - Gas
Scottish Power - UA (1 Year Contract)	£0.1087	£4,021	£0.25	£91	£4,112	£4,112	1 Year Contract Non renewable - Gas
Pozitive Energy 'Fixed Term rate' 12 months	£0.077	£2,849	£0.35	£127	£2,976	£2,976	1 Year Contract Non renewable - Gas
Pozitive Energy 'Deemed Rate	**£0.114**	**£4,218**	**£0.57**	**£208**	**£4,426**		**Variable rate Non renewable - Gas**
Ecotricity	The Company is not accommodating new customer or offering renewed contracts						
YU Energy (3 Year Contract) Green Energy	£0.0859	£3,178	£1.40	£511	£3,689	£11,067	Carbon Neutral Gas and Gold Standard and Verified Carbon Standard projects across the Globe.
YU Energy (1 Year Contract) Green Energy	£0.0921	£3,407	£1.40	£511	£3,918	£3,918	Carbon Neutral Gas and Gold Standard and Verified Carbon Standard projects across the Globe.

Song Chung Hydropower, Vietnam

A renewable solution for energy poverty in northern Vietnam

Gold Standard



The Song Chung Hydropower project harnesses the flowing energy of the Con River to generate over 60,000 MWh of clean, renewable hydroelectricity each year, helping to bridge the supply-demand gap in Vietnam's north and boost the country's growing renewables sector.

The local minority ethnicity communes of Yen Binh, Tien Nguyen and Tan Nam benefit from potential employment opportunities and improvements to local infrastructure – including upgraded roads and communication systems, electricity supply, and clean water.

Project benefits

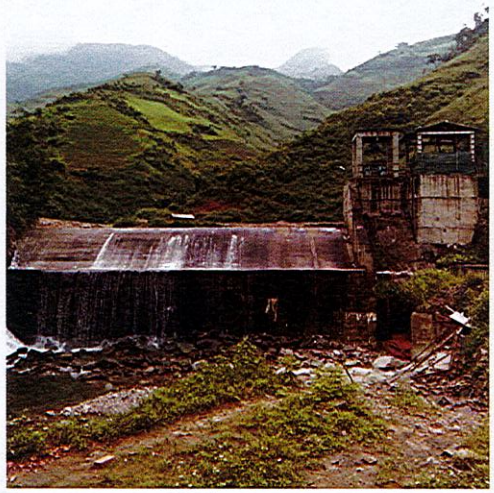
SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY	**62,786 MWh** of sustainable electricity exported to the grid on average annually
8 DECENT WORK AND ECONOMIC GROWTH	**275,000+ EUR** paid in taxes by the project to the Ha Giang province each year, accelerating regional development
13 CLIMATE ACTION	**26,000 tCO_2e mitigated** on average annually, by providing an alternative to the burning of fossil fuels

Nam Hong Hydro, Vietnam

Providing clean energy to rural communities

Gold Standard



Located in the north-western Son La province, the Nam Hong Hydropower brings power remote rural communities. The project also improves the livelihoods of local communities where minority ethnic groups live, this includes installing tap-water pipelines for a number of households and renovating class rooms and improving electricity system for a primary school for pupils of ethnic minorities in the commune.

Project benefits

SUSTAINABLE DEVELOPMENT GOALS

3 GOOD HEALTH AND WELL-BEING

41 employees
everyone working for the project receives free health insurance

7 AFFORDABLE AND CLEAN ENERGY

48,640 MWh
generated on average annually to the newly connected national grid system here

8 DECENT WORK AND ECONOMIC GROWTH

41 jobs created
all employees receive technical training and earn more than the average monthly income, boosting the economy in the region

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Roads, schools & water system
is improved in the region

13 CLIMATE ACTION

65,468 tCO_2e mitigated
on average annually

Xenamnoy 1 Hydropower, Laos

Utilising natural water resources for sustainable development

Gold Standard

Laos has significant potential to generate hydropower, yet the country currently lacks the economic resources necessary to make electricity services available to rural communities. This hydropower power project helps solve this issue by generating sustainable electricity for rural communities and reducing the need for firewood.

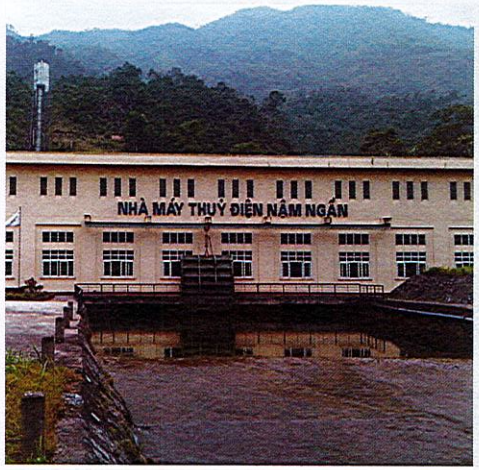
Project benefits

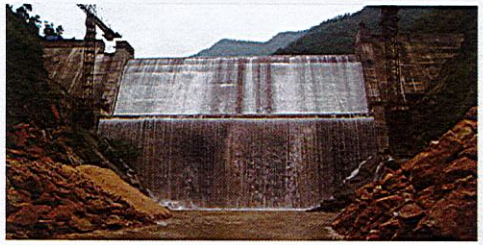
SUSTAINABLE DEVELOPMENT GOALS

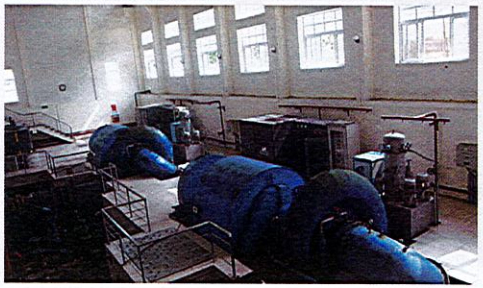
7 AFFORDABLE AND CLEAN ENERGY	**85,000 MWh** of clean energy supplied to the Lao Power Grid, promoting the renewable energy industry
8 DECENT WORK AND ECONOMIC GROWTH	**23 jobs created** for local residents, boosting local economies
13 CLIMATE ACTION	**48,000 tCO_2e mitigated** on average annually, by providing an alternative to the burning of fossil fuels

Nam Ngan Hydropower, Vietnam

Converting the potential energy in flowing water into electricity







Sitting on the Nam Ngan river the grid-connected hydropower plant will generate clean energy from the continuous flow of running water. As well as reducing GHG emissions by displacing energy derived from fossil fuels, the project boosts the regional development of the province, which is one of the poorest in northern Viet Nam. This is through a range of jobs created for locals and enhanced infrastructure to provide high quality, stable power supply.

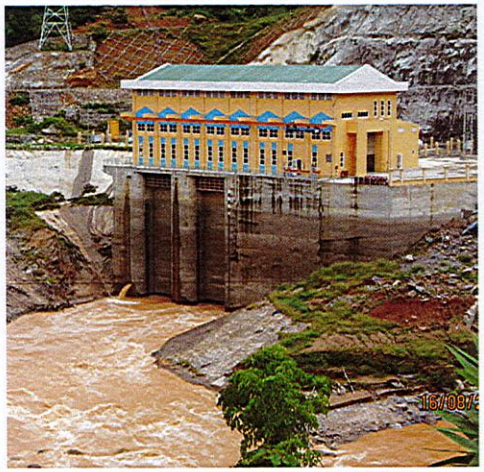
Project benefits

SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY	**57,450 MWh** of clean electricity generated on average per year
8 DECENT WORK AND ECONOMIC GROWTH	**35 jobs** created for workings of all skills, some of whom are provided with additional technical training
13 CLIMATE ACTION	**29,000 tCO_2e** mitigated on average per year

Za Hung Hydro, Vietnam

Generating clean energy and improving local livelihoods



The Za Hung Hydropower is situated at the A Vuong River in the Quang Nam province, in the South Central region of Vietnam. With an electricity generation of 114,079 MWh per year, the plant contributes to bridging the supply-demand gap in the region and improves the livelihoods of local communities where minority ethnic groups live.

Project benefits

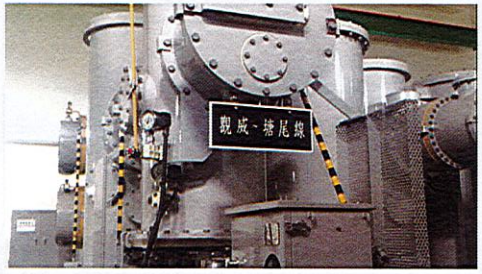
SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY	**120,246 MWh** generated annually providing clean energy for the local grid
8 DECENT WORK AND ECONOMIC GROWTH	**30 jobs** created for maintenance and operation improving the local economy
13 CLIMATE ACTION	**29,322 tCO_2e** mitigated on average annually

Infravest Fongwei Wind, Taiwan

Harnessing wind power to provide communities with renewable energy

Gold Standard



This project consists of numerous wind farms across Taiwan that with a collective capacity of 92.4 MW. By generating a clean, renewable energy alternative for state-owned power grid, this project displaces the greenhouse gas emissions that would have otherwise been generated by fossil fuel energy and helps secure Taiwan's energy supply.

Project benefits

SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY

160,080 MWh
clean renewable energy generated on average annually, providing a clean alternative to fossil fuels

8 DECENT WORK AND ECONOMIC GROWTH

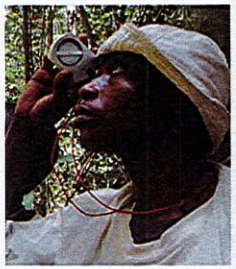
49 jobs created
during the operational period providing economic opportunities to the local communities

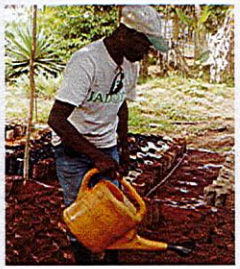
13 CLIMATE ACTION

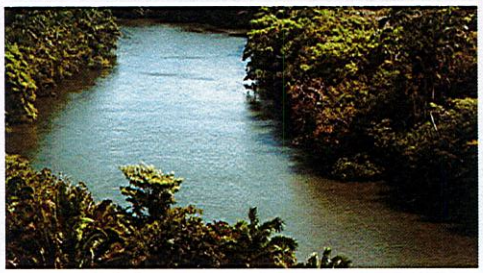
190,908 tCO_2e mitigated
on average annually, directly contributing to climate change reduction

Isangi Forest Conservation, DRC

Protecting the Congo Basin rainforests and enriching communities







At the confluence of the Congo and Lomami Rivers towards the north of the Democratic Republic of Congo, the Isangi project protects over 187,000 hectares of one of Earth's most biodiverse rainforests from deforestation. As carbon sinks, **forests play an important role** in climate change mitigation. However, when forests are cut down the stored carbon is released into the atmosphere and the ecosystem biodiversity is lost or damaged. The project helps to alleviate local poverty by promoting sustainable economic opportunities and developing educational initiatives to bring a brighter future to remote communities.

Project benefits

SUSTAINABLE DEVELOPMENT GOALS

2 ZERO HUNGER	**Improved food security** 35 new Tilapia ponds established and trees, including pineapple and cacao, planted
3 GOOD HEALTH AND WELL-BEING	**USD 14,000+** spent on medicine over 8 years
4 QUALITY EDUCATION	**24+ workshops** on sanitation, education, waste management, biodiversity restoration, beekeeping
8 DECENT WORK AND ECONOMIC GROWTH	**397+ jobs** created, including 10 teachers, 40 in forestry, 1 nurse & 12 in microfinance
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	**3 schools & 3 small bridges** built in the project area
13 CLIMATE ACTION	**324,000 tCO_2e** mitigated on average annually
15 LIFE ON LAND	**187,571 ha** of land protected by the project
15 LIFE ON LAND	**Habitat preservation** 14 different primates, 11% of the world's bird species and 700 distinct native tree species recorded in the project area

Kariba Forest Protection, Zimbabwe

Saving forests, protecting wildlife and changing lives

Since its launch in 2011, the Kariba project has prevented more than 18 million tonnes of carbon dioxide from emission into the atmosphere by preventing deforestation and land degradation in an area of nearly 785,000 hectares. The project also continues to support regional sustainable development, and the independence and wellbeing of local communities.

Project benefits

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY	**85,000 people** benefiting from project activities, and enjoying better health and economic opportunities
3 GOOD HEALTH AND WELL-BEING	**19 health clinics** supported by the project since 2011
4 QUALITY EDUCATION	**7,704 people benefiting** from workshops on project-related activities, such as nutritional gardening
5 GENDER EQUALITY	**40% of participants** are women, working in agriculture, education and project management
6 CLEAN WATER AND SANITATION	**85,000 people** provided with safe water through borehole maintenance
8 DECENT WORK AND ECONOMIC GROWTH	**215 training sessions** set up for local people, building skills for local employment
13 CLIMATE ACTION	**3,000,000 tCO_2e** mitigated on average annually between 2011-16
15 LIFE ON LAND	**784,987 hectares of land** conserved or protected, encouraging the biodiversity of crucial wildlife