

## Application to the relevant planning authority

The Planning (Hazardous Substances) (Scotland) Act 1997 - Section 5(1)

The Town and Country Planning (Hazardous Substances) (Scotland) Regulations 2015  
(Regulation 6)

### Application for Hazardous Substances Consent

<b>1 Applicant</b> Address	Reliance Energy Ltd.
	Unit 2
	Rectory Court
	Old Rectory Lane
	Alvechurch
	Post code
Telephone number	Care of Agent
<b>Agent acting on behalf of the applicant</b> Address	Miss Maureen Darrie
	iCon Environmental Centre
	Daventry
	Northamptonshire
	England
Post code	NN11 0QB
Telephone number	01604771123

Correspondence (including any Notice) to be sent to the agent instead of the applicant? Yes

If the applicant is not the person in control of the land to which the application relates, provide details of the person in control of the land.

Mrs S Rayner-Porter  
Smithy House  
Potter Lane  
Salmesbury  
Preston  
PR5 4EN

<b>2 Address or other location details of application site</b>	Land at Anna's Road
	Higher Ballam
	Nr Blackpool
Post code	FY4 5JX
OS grid ref	SD3560230896

### 3 Hazardous substance(s) covered by the application

- (a) List named substances falling within Part 2 of Schedule 1 to the Regulations first, then list any substances falling within the categories in Part 1 of that Schedule; finally list substances falling within the description in Part 3.
- (b) Substances falling within Parts 1 or 3 of Schedule 1 to the Regulations may be listed under the relevant category or description or named specifically. Where a substance falls within Part 1 and 2 list under Part 2 only; where a substance falls within more than one category in Part 1 list under the category which has the lowest controlled quantity. Where a substance falling within Part 1 or 2 also falls within Part 3 list under the Part which has the lowest controlled quantity. The “controlled quantity” means the quantity specified for that substance in column 2 of Parts 1, 2 or 3 of Schedule 1 to the Regulations.

**Table A**

Name, or relevant category or description of substance	Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	Do you have a current PHS consent* in respect of this substance? (Yes/No)	If “yes”, state quantity for which consent granted	Maximum quantity proposed to be present in tonnes
Liquefied flammable gases, Category 1 or 2 Natural Gas (liquefied natural gas)	Part 2-18	No	N/A	49

\*A hazardous substances consent

### 4 Manner in which substance(s) are to be kept and stored

For each substance, category or description of substance, covered by the application, provide the following information, referring to the substance location plan where appropriate.

- (a) Tick one box below to show whether the substance(s) will be present for storage only or will be stored and involved in a manufacturing, treatment or other industrial process:

**Table B**

Part and entry number in Schedule 1 to the 2015 Regulations	Storage only	Stored and involved in an industrial process
Part 2, 18 Liquefied flammable gases, Category 1 or 2 (LNG) The Planning (Hazardous Substances) Regulations	Yes	

(b) For each vessel to be used for **storing** the substance(s) give the following information:

**Table C**

Vessel No*	Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Installed above ground† (Yes/No)	Buried (Yes/No)	Mounded (Yes/No)	Maximum capacity (cubic metres)	Highest vessel design temperature °C	Highest vessel design pressure (bar absolute)
1 -	Part 2, 18 Liquefied flammable gases, Category 1 or 2 (LNG) The Planning (Hazardous Substances) Regulations	Yes, full secondary containment (See Substance Location Plan – Marked 1)	No	No	120	50	11

\* identify by reference to substance location plan

† if "Yes", specify whether or not it will be provided with full secondary containment

(c) For each substance, category or description of substance, state the largest size of any **moveable** container(s) to be used for that substance, category or description of substances:

(d) For each substance, category or description of substance, describe any non-vessel storage (e.g. stacks) to be used for that substance, category or description of substances:

**Table D**

Part and entry number in Schedule 1 to the 2015 Regulations	Description of process	Major items of plant*	Max. quantity (tonnes)	Max. temp. (°C)	Max. pressure (bar absolute)
Part 2, 18 Liquefied flammable gases, Category 1 or 2 (LNG) The Planning (Hazardous Substance) Regulations 2015	Liquefied natural gas will be used to fuel 6 x 7.8MW (electrical) engines. These have a combined output of around 49MW (electrical)	Horizontal LNG Tank 8 x Vaporisers 2 x Power Block Units Flogas Infrastructure	49	50	11

\* identify by reference to substance location plan

**5 Additional Information**

- (a) If you have an existing PHS consent(s) as referred to in Table A, **attach a copy of each consent** to this application.
- (b) Has any application for hazardous substances consent or planning permission relating to the application site been made and not yet determined?
- (c) Will such application be submitted at the same time as this application?

There is no PHS consent. A planning application will be submitted for the construction and operation of a Liquefied Natural Gas fuelled Flexible Energy Generation Facility (FlexGen).

- (d) **List the maps or plans** or any explanatory scale drawings of plant/buildings submitted with this application (**as a minimum submit a site map and a substance location plan – see Notes below**).

Drawing GPP/RE/B/18/01 Revision 1: Site Location Plan

Drawing SK5 Revision C: Proposed Elevations

Drawing SK6: Substances Location Plan

Drawing SK7: Substance Location Plan LNG Area

- (e) Give any further information which you consider relevant to the determination of this application.

A separate application for planning permission is currently being determined (see above).

### **Frequency of Delivery**

Based on 2,000 hours running time, LNG deliveries will total approximately 362 in any given year. The frequency will mirror the running pattern of the engines. Depending on the delivery tanker, the LNG capacity of the delivery will be around 20-22.5 tonnes. This will result in around one delivery per day dependent on the engine running time. Each delivery will constitute one delivery of LNG per day resulting in approximately one delivery per day, on average.

### **Delivery Pumping Rate**

The LNG will be delivered to the tank via a flexible hose with a length of 7metres. The flexible hose has an internal diameter of 33mm, approximately 5 metres of fixed rigid pipework, 40 mm internal diameter. The flow rate will be 400 litres/minute pumped at 400 litres/minute.

### **Automatic Shut-off and Safety System**

Wheel chocks (front and rear of each wheel) are used during delivery. There is an interlocking break connecting the rear vehicle door to the vehicle's brakes, i.e. if the rear door is open, the brakes are applied through the interlock on the rear door and the storage vessel's emergency shutdown system. Visual inspection of all hoses is carried out on each delivery, including flanges, connections, seals and general wear and tear. All hoses are pressure tested and re-certified every 12 months. The hoses are tested for leaks during the 12-month testing/recertification. Each delivery driver is given training specific to the vehicle in use and the fixed storage vessel system. There is a safety system which requires the driver to re-prime the system every two minutes, indicated by an audible siren and strobe. In the event that the driver does not re-prime the system, the gas flow is automatically shut down and the bottom slam shut valve is activated.

### **Bunding Details**

There will be a dwarf wall, 500mm tall, around the perimeter of the LNG compound (details attached). This contains the LNG in the event of a leak, until it evaporates. In the event of a leak, the LNG evaporates very quickly (turns from a liquid to a gas, as it warms up), and as the gas is lighter than air, it is dispersed upwards. The wall is not a full bund, which is not required, due to the nature of LNG.

### **Parking and Unloading**

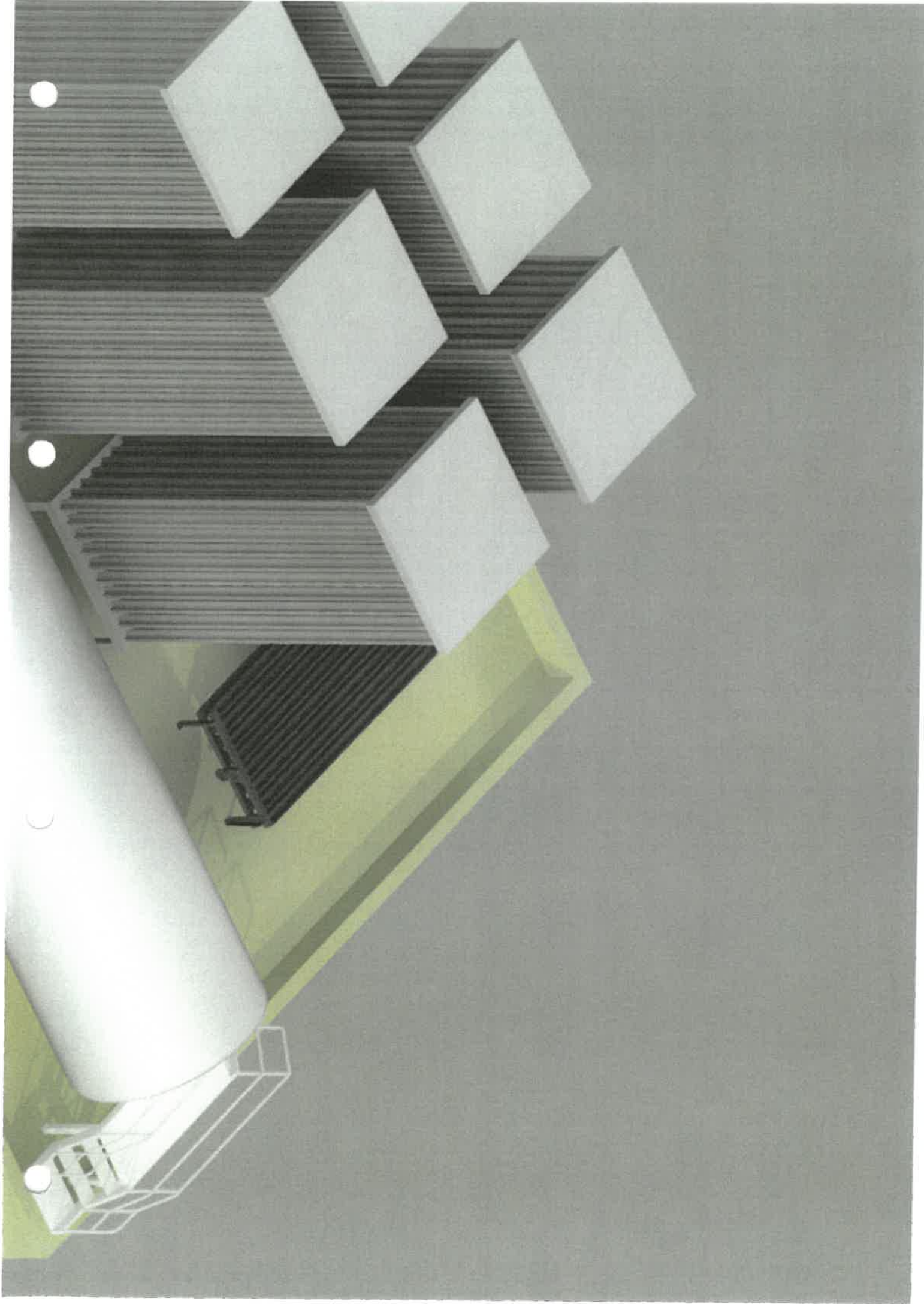
Parking for unloading is shown on the Substance Location Plan along with the swept path. Vehicles will only be on site for the time required to unload.

**I/We hereby apply for hazardous substances consent in accordance with the proposals described in the application**

Signed 

On behalf of: RELIANCE ENERGY LTD

Date: 23<sup>rd</sup> August 2018







**SCHEDULE 3** Regulations 6(4), 7, 13(4) and 13(5)

**Prescribed forms, notices and certificates**

**Form 1**

**Posting of Notice of Application Certificate**

**The Planning (Hazardous Substances) Act 1990**

**The Planning (Hazardous Substances) Regulations 2015 (Regulation 6)**

**Certificate A**

I certify that:

I/~~The applicant~~\* posted the notice required by regulation 6(1)(b) of the above Regulations on the land which is the subject of the accompanying application.

The notice was left in position for not less than 7 days during the 21 day period preceding the application.

**Certificate B**

I certify that:

I have/~~The applicant has~~\* been unable to post the notice required by regulation 6(1)(b) of the above Regulations on the land which is the subject of the accompanying application because I have/~~the applicant has~~\* no right of access or other rights in respect of the land that would enable me/~~the applicant~~\* to do so.

I have/~~The applicant has~~\* taken the following steps to acquire those rights, but have/~~has~~\* been unsuccessful.

(Give description of steps taken).....

.....

**Certificate C**

I certify that:

I/The applicant\* posted the notice required by regulation 6(1)(b) of the above Regulations on the land which is the subject of the accompanying application.

It was, however, left in position for less than 7 days during the 21 day period preceding the application.

This happened because it was removed/obscured/defaced\* before 7 days had elapsed.

This was not my/the applicant's\* fault or intention.

I/The applicant\* took the following steps to protect and replace the notice:

(Give description of steps taken).....

Signed.....

\*On behalf of.....**RELIANCE ENERGY LTD .**

Date.....**23/8/18**

\* delete where inappropriate

Form 2

Certificates under Regulation 7(1)\* or 13(4)\*(a)

The Planning (Hazardous Substances) Act 1990

The Planning (Hazardous Substances) Regulations 2015

Certificate A

I certify that:

At the beginning of the period of 21 days ending with the date of the accompanying application/appeal\* only the applicant/appellant\* was the owner(b) of any part of the land to which the application/appeal\* relates.

Signed.....

\*on behalf of.....

Date.....

Certificate B

I certify that:

I have/~~The applicant has~~/~~The appellant has~~\* given the required notice(c) to everyone else who, at the beginning of the period of 21 days ending with the date of the accompanying application/appeal, was the owner(b) of any part of the land to which the application/appeal\*relates, as listed below.

Owner's name..... MRS S. RAYNER-PORTER

Address at which notice was served..... SMITHY HOUSE, POTTER LANE,

Date on which notice was served.....

SALMESBURY,  
PRESTON  
PR5 4EN

Signed..... 

\*on behalf of..... RELIANCE ENERGY LTD .

Date..... 23/8/18

**Certificate C**

I certify that:

I/The applicant/The appellant\* cannot issue a Certificate A or B in respect of the accompanying application/appeal\*.

I have/The applicant has/The appellant has\* given the required notice<sup>(c)</sup> to the persons specified below, being persons who at the beginning of the period of 21 days ending with the date of the application/appeal\*, were owners<sup>(b)</sup> of any part of the land to which the application/appeal \*relates.

Owner's name.....

Address at which notice was served.....

Date on which notice was served.....

I have/The applicant has/The appellant has\* taken all reasonable steps open to me/him/her\* to find out the names and addresses of the remaining owners<sup>(b)</sup> of the land, or of a part of it, but have/has\* been unable to do so. These steps were as follows:—

(a) .....  
.....

Signed.....

\*On behalf of.....

Date.....

**Certificate D**

I certify that:

I/The applicant/The appellant\* cannot issue a Certificate A in respect of the accompanying application/appeal\*

I/The applicant/The appellant\* have/has\* taken all reasonable steps open to me/him/her\* to find out the names and addresses of everyone else who, at the beginning of the period of 21 days ending with the date of the application/appeal\*, was the owner<sup>(b)</sup> of any part of the land to which the application/appeal\* relates, but have/has\* been unable to do so. These steps were as follows:—

(d) .....  
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Signed.....

\*On behalf of.....

Date.....

\*delete where inappropriate

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(a) These Certificates are for use both with applications and appeals for hazardous substances consent. References to either regulation 7(1) or 13(4) should therefore be deleted as appropriate. One of certificates A, B, C or D must be completed.

(b) "Owner" means a person having a freehold interest or a tenancy the unexpired term of which is not less than 7 years.

(c) Form 3 (for applications) or Form 4 (for appeals).

(d) Insert description of steps taken.

Form 3

**Notice of Application for Hazardous Substances Consent/ Continuation of Hazardous Substances Consent\***

**The Planning (Hazardous Substances) Act 1990**

**The Planning (Hazardous Substances) Regulations 2015 (Regulation 7)**

To be served on an owner<sup>(a)</sup>

I give notice that<sup>(b)</sup> RELIANCE ENERGY LTD  
is applying to the<sup>(c)</sup> FYLDE BOROUGH COUNCIL

for hazardous substances consent/~~the continuation of hazardous substances consent\*~~

(d) .....

at<sup>(e)</sup> LAND OFF ANNA'S ROAD

Details about how you may inspect a copy of the application and make representations to

(c) FYLDE BOROUGH COUNCIL

are set out in the attached public notice.

Signed:  .....

\*on behalf of RELIANCE ENERGY LTD

Date 2/8/18

\*delete where inappropriate

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(a) "Owner" means a person having a freehold interest or a tenancy the unexpired term of which is not less than 7 years.

(b) Insert applicant's name.

(c) Insert name of Council or other body to whom the application is to be made.

(d) Insert a description of the proposal.

(e) Insert address or location of the application site.

**THE PLANNING (HAZARDOUS SUBSTANCES)  
REGULATIONS 2015  
REGULATION 6**

**Notice of Application for Hazardous Substances Consent**

I give notice that Reliance Energy Limited is applying to Fylde Borough Council for Hazardous Substances Consent for:

The storage of up to 49 tonnes of Liquefied Natural Gas at land off Anna's Road, Higher Ballam, Blackpool FY4 5JX.

Members of the public may inspect a copy of the application at: GP Planning Limited, iCon Environmental Innovation Centre, Eastern Way, Daventry, Northamptonshire NN11 0QB during all reasonable hours until 23<sup>rd</sup> August 2018, asking for Maureen Darrie (01604 771123). Anyone wishing to make representations about this application should write to:

Fylde Borough Council, 292 Clifton Dr S, Lytham Saint Annes FY8 1LH within 21 days, beginning with the date of submission to the hazardous substances authority, which will be 23<sup>rd</sup> August 2018.

**Signed:** Miss Maureen Darrie  
On behalf of Reliance Energy Limited

**Date:** 2<sup>nd</sup> August 2018

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