Arvie Ortega 19 Hill Crescent Pembroke HM02 Bermuda 1-441-591-8248 arviemortega@qmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

11 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- This plan reduces our reliance on fossil fuels, which carries economic and environmental benefits, including long term reduced energy costs and reduced carbon emissions. I believe carbon emissions represent humanities greatest threat to future generations, through acceleration of adverse climate change and we should be acting with future generations, not only ourselves in mind.
- Bermuda has the natural resources to be leader in renewable energy generation.
- The world is moving towards renewable energy, it is important not to be left behind as a country and to demonstrate to the world Bermuda takes progressive solutions.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Arvie Ortega

Fang Zhou Zhou
8 Crawl Point lane east
Hamilton CRO2
- Tzhou @athere.bm
279-8463

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

AL

Blena Serik 8 Bluff Lane Pembroke, HMO9

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alena Serik

asenik @ athene. bm

279-8414

Victoria Hayward
92 Harmony Close
Payet PG03
Vhayward @athens.bm
299-8443

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jasnine Mapp

68 Cobbs Hill Read

Warnick

WKO9

Jasninecone@gmail.com

441-707-4949

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jamine Mapp

LATANYA OUTERBRIDGE

7A COLLECTOR'S HILL

SMITH'S FLOI

FLDEMPTION 669@ HOTMAIL COPY

735-0669

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Statutoral

Laqueita Outerbridge TA Collectors Hill Smith's FLOI NO EMAIL 799-6473

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Laquita atterbidge

Dustin Archibald
31 Paddock Drive
APT 1
Warnick
Bermuda

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Doctribud.

734-7247

Michelle Hicks

31 Paddock Drive
APT 1.
Warwick .
Bermuda
WK 01.

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

M Hicks Soyoobb

Nichelle Scott Onterbridge No. 7, 2 Ducks Puddle Drive Hamelton Parish CR 04 Tel No. 293.3169 Gmall: Scottmas62 gmail. Con

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mo

Lauren Morash 19 Seagull Lane – Unit 1 Pembroke HM<sub>01</sub> Bermuda Laurenkmorash@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

10 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Lauren Morash

Laner Marson & Athere BM 4415323339

Jeffrey Morash 19 Seagull Lane - Unit 1 Pembroke HM<sub>0</sub>1 Bermuda jeffreymorash@yahoo.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

10 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan!

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

V Jeffrey morasn @ yahoo.com

Jian Pajavo -Oliveiva #30 strawberry Aill Drive, paget, P605 joliveira@ athene.bm 2798429

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Eli Fubler
14 Kilderry lone
Smith's Bernula
1441-295-1985
Fubler @ live.com

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

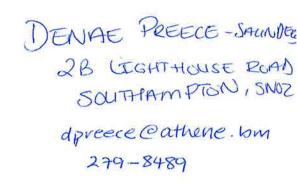
I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Eli Fubler El: Fubler



Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

ongo ameters

Thomas H McKevitt
2A Salt Kettle Rd
Paget
PG01
Bermuda
305-5431
Thomas.mckevitt@awac.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Berm uda Better Energy Plan submitted by BE Solar, as this plan!

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

L'Unte

Monique Simpson
3A Warwick Park Road
Warwick, WK05
Bermuda
441-504-7044
Monique.L.Simpson@outlook.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Monique Simpson

Traddie Simpson
3A Warwick Park Road
Warwick, WK05
Bermuda
441-504-7044
Monique.L.Simpson@outlook.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Traddie Simpson

Dane Kosel 96 Pitts Bay Road Pembroke HMo8 Bermuda 441.737.9711 DKosel@Athene.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Will create a cleaner, greener Bermuda
- Will contribute to lessening the impact of emissions on the planet

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Dane Kosel

Greg Carther
Sandsong Villa #1, 33 South Rd.
Warwick
WKo2
Bermuda
441-705-3090
gcarther@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

26 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Helps to reduce Bermuda's dependence on fossil fuels, of which costs are projected to increase in the future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Cutter

Greg Carther

ANDREW SMITH #6 HALFWAY LANE SMITHS FLOG. 704-6462 Kateskeeps@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Hugo Benziger
Unit #7, 26 South Road
Warwick
WK 02
Bermuda
441-535-6789 717-4275
hbenziger@bps.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Hugo Benziger

ABengan

Logan Blake 12 Ocean Ln Pembroke HM13 Bermuda 441-279-8467 Lrblake2004@yahoo.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Decreases Bermuda's reliance on imported fuel sources.
- Promotes cleaner and more sustainable forms of energy production to keep Bermuda beautiful.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Togan Bhly

Logań Blake

DANIER MESSALE

3 TABLEROCK AVENUE
PEMBROKE
HMOY
BERMUNA
dan messege egmail. com
+ 1441 595 5559

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mandela Fubler
14 Kilderry Lane
Smith's
FL02
Bermuda
1.441.505.2306
fubler@live.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Puts Bermuda closer to the future amount of renewable energy as other similar countries.
- Provides in a better environment for my children and future grandchildren.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Mandela Fubler

Ailynn Sargent Unit #7, 26 South Road 'Warwick WK 02 Bermuda 441-535-6789 ailynns@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

25 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Allynn Sargent Allynn Sayan

KATE ROSS #6 HALFWAY LANE

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

SMITHS FLOD OKayKate @gmail.com 704-6462

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Because it is the fature!!

Spencer Quarterly
2 Green Hill Lane
Smiths
FLo2
Bermuda
595-1970
quarterlys@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26th November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I believe the Bermuda Better Energy plan as described by Be Solar to be a better approach than the BELCO 20 year plan.

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- LNG is generated by fracking, a destructive process carried out, we do not want the bulk of Bermuda energy to depend on an environmental disaster elsewhere.
   https://www.investopedia.com/ask/answers/o11915/what-are-effects-fracking-environment.asp
- LNG is highly dangerous compared to the alternatives. Only one incident could kill
  thousands in the compact island of Bermuda. Do you want to be responsible for that?
  https://www.laohamutuk.org/Oil/LNG/app4.htm

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Spencer Quarterly

Alicia Kenny 29 White Sands Paget, Bermuda PG06

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

alicia Lerry, CPA, CA Kenny. alicia 9 @ gmail. com

(1) (441) (516-2000)

Kirsty Greenlees-Watson 17 Between The Walls Pembroke HM06 Bermuda 441-305-8409 kwatson@athene.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

27 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am making personal changes to my daily life, to impact the fate of the planet in a small way. It
  is imperative that Bermuda considers a sustainable plan for Energy; the lives of our children
  depend on it. We ignore the issue of carbon emissions at our peril.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kirsty Greenlees-Watson

Andrew Watson
17 Between The Walls
Pembroke
HM06
Bermuda
441-526-6318
Andrew.watson@chubb.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

27 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am making personal changes to my daily life, to impact the fate of the planet in a small way. It
  is imperative that Bermuda considers a sustainable plan for Energy; the lives of our children
  depend on it. We ignore the issue of carbon emissions at our peril.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Andrew Watson

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Johnnes Roux
13 North Shore Rd
Pembrohe
14Moz
(441) 300 7931
28 November 2018
3 roux Dathene. bm.

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alan Burland MBE, P. Eng
44 East Shore Rd
Sandys
MA 02
Tel: 505-5556
E-mail: alanburland@bcmmca.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

# <u>Subject: Response to Consultation Document: Comments on IRP Bulk Generation</u> <u>Proposals</u>

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan (BBEP) submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is commercially proven in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Additionally, the BBEP is a well-researched and practicable plan that should be adopted for a number of important socio-economic reasons.

The current centralised power generation model supplies electricity through a largely aged transmission and distribution network (or grid). This exposes Bermuda to significant risk. Much of the island is still connected via overhead lines, with only the City of Hamilton and surrounding areas using underground cables in any substantial way. These overhead lines are frequently compromised in storms, disrupting electrical service. Additionally, the single point of generation model, centrally located, close to sea level poses a risk should a storm or accident impact the site.

Many of islands in the Caribbean and much of Europe have addressed this situation by upgrading their power systems and this is precisely what Bermuda should do. Bermuda needs will be better met via a diversified energy generation mix; and distributed generation at, or close to, the point of consumption and hence reducing transmission risk.

Harnessing local renewable energy resources, together with gains in energy efficiency to reduce demand, as demonstrated by the BBEP, are important steps for Bermuda to take.

Solar PV (distributed or bulk) and offshore wind use abundant local natural resources at LVG. Battery storage can help manage intermittency of supply and costs for these technologies are falling. Furthermore, LVG prices are subject to market volatility and all indicators show price escalation.

From a safety standpoint LNG poses significant risk. Explosions are not uncommon and one-mile exclusion zones, around re-gasification facilities, are normal. Emissions from burning fossil fuels also poses serious health risks including a broad range of respiratory diseases and other ailments. I urge Bermuda and the RA to study these health risks further.

Committing Bermuda's energy future to generation using fossil fuels exposes us to great economic risk, as fossil fuel prices are typically volatile. Also, the high capital expenditure associated with LNG would mean that the utility would resist future investment in cleaner, cheaper, distributed power generation in order to protect their business model.

Additionally, international corporations and entrepreneurs are increasingly told by their financiers and shareholders that they should seek environmentally friendly locations for, and ways of administering, their businesses.

The Bermuda Better Energy Plan provides the flexibility to adapt to changing circumstances, and the BBEP would help create new, high quality jobs in a dynamic, forward-looking energy sector in Bermuda.

Bermuda's ability to impact the world's environment is minor but it is incumbent upon us to show leadership and to do our bit to reduce carbon emissions. That would be good politically, socially and economically. The promotion of the Electricity Act 2016. It should be a key element technologies is a specific requirement of the Electricity Act 2016. It should be a key element in government policy. The Bermuda Better Energy Plan helps to achieve this.

## Conclusion

The Bermuda Better Energy Plan is realistic, based on sound methodology and pricing assumptions for deployment in Bermuda. Over time the energy produced is significantly cheaper and, if implemented, renewable businesses will create numerous jobs throughout our economy. In turn this helps to keep Bermuda competitive and sustainable, long into the future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alan E. Burland MBE, P.Eng

MA 02 Sandys P. Eng East Shore Rd MBE, Burland Alan

alanburland@bcmmca.bm Tel: 505-5556 E-mail:

> Floor, Craig Appin Authority Monique Lister Regulatory Auth

Honse

Street

2018 November

Generation

Comments on

IRP Bulk Document: Hamilton, Bermuda

Proposals

Subject: Response to Consultation

Dear Ms Lister,

consultation submit a response to the Regulatory Authority of Bermuda's IRP Bulk Generation Proposals. writing to

Plan (BBEP) submitted by BE Solar, as this plan: I support the Bermuda Better Energy

- plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction carbon emissions while stabilising energy costs through clean renewable energy Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The
  - Uses technology that is commercially proven in other jurisdictions
- Has been developed using detailed and transparent assumptions and methodologies

BBEP is a well-researched and practicable plan that should be adopted for a Additionally, the BBEP is a well-researched a number of important socio-economic reasons.

are significant risk. frequently compromised in storms, disrupting electrical service. Additionally, the single point of generation model, centrally located, close to sea level poses a risk should a storm accident impact the site. power generation model supplies electricity through with only the City 10 This exposes Bermuda overhead lines, The current centralised power generation model transmission and distribution network (or grid). via Much of the island is still connected

do. Bermuda needs generation at, Many of islands in the Caribbean and much of Europe have addressed this situation by upgrading their power systems and this is precisely what Bermuda should do. Bermuda will be better met via a diversified energy generation mix; and distributed generation a close to, the point of consumption and hence reducing transmission risk. in energy efficiency t ps for Bermuda to gain stel I renewable energy resources, together with g as demonstrated by the BBEP, are important Harnessing local renewable demand, reduce

including and all resources ilizing fossil fuels, i and costs for these market volatility natural solar PV (distributed or bulk) and offshore wind use abundant local evelized Costs of Energy (LCOE) significantly below those utilizing. NG. Battery storage can help manage intermittency of supply and schnologies are falling. Furthermore, LNG prices are subject to manage intermittens are subject to manage. show price escalation. indicators LNG. Solar

respiratory diseases and one burning and are not uncommon from a safety standpoint LNG poses significant risk. Explosions are not uncorxclusion zones, around re-gasification facilities, are normal. Emissions fuels also poses serious health risks including a broad range of respiratorallments. I urge Bermuda and the RA to study these health risks further. mile exclusion other ailments. From

expenditure investment in cleaner great 10 fuels exposes us high capital c risk, as fossil fuel prices are typically volatile. Also, the high capita of with LNG would mean that the utility would resist future investment distributed power generation in order to protect their business model. Committing Bermuda's energy future to generation using fossil economic risk, as fossil fuel prices are typically volatile. Also, associated with LNG would mean that the utility would resist fu economic cheaper,

for, and that they should seek environmentally friendly locations for businesses international c of administering, their shareholders financiers and Additionally, Ways

forward-looking energy circumstances, changing y to adapt to ch in a dynamic, rmuda Better Energy Plan provides the flexibility BBEP would help create new, high quality jobs The Bermuda Better sector in Bermuda. the and

politically, y. The promotion of the use of cleaner energy sources and requirement of the Electricity Act 2016. It should be a key element is incumbent upon us to world's environment is minor but it is incumbent use the reduce carbon emissions. That would be good this. achieve Plan helps to to do our bit to reduce carbon emissions. The Bermuda Better Energy Bermuda's ability to impact socially and economically. technologies is a specific government policy. leadership and show

# Conclusion

our Plan is realistic, based on sound methodology and pricing in Bermuda. Over time the energy produced is significantly renewable businesses will create numerous jobs throughout into the long sustainable, to keep Bermuda competitive and Plan is realistic, based on sound in Bermuda. if implemented, assumptions for deployment Better Energy In turn this helps Bermuda and, economy. cheaper future. The

final of the learning to forward response, Thank you for your time in reviewing my outcome of the IRP consultation process.

Yours sincerely,

Alan E. Burland MBE, P.Eng

Or Alap Amat
TO BOD FLG

FLATIS FIBX

Email alexaropora elotmail. con

Monique Lister
Regulatory Authority
1 st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Novauler 26, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

As an oceans grapher by thade & an educator passionate aborr our environment possed hours teaching our youth about the devostating cousequeuces the release of bunt fasil fuels has an our oceans: charucing, rising scalarly and scidification being amount the man one. If you add the potential shut obern of the Gulf Shaom that brings in comme cates to allow the growth of our carals, there is really no lope to leap our caralreet healthy. This is for me a huje concern.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alexander Brown
102 Cobbs Hill Rd
Warwick
WK07
703 6669
adzbrown@live.co.ukl

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Just makes sense!

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alexander Brown

Alex Godet
16 Chapel Road
Paget
PG02
Bermuda
441-703-9655
agodet@outlook.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please see the attached image of the pollution caused by burning fossil fuels.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alex Godet

Alex O'Shea
06 Old Slip Lane
Pembroke
HM06
Bermuda
292-3664
alexoshea1@hotmail.co.uk

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We must take action now to ensure our beautiful island is still beautiful for generations to come. This plan is a step in the right direction.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alex O'Shea

Alexander Godfrey Water's Edge Unit 1 38 Tribe Road #6 Sandy's SB03 Bermuda 295-4580 alexander.godfrey@live.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 29, 2018

# **Subject: Response to consultation document: Comments on IRP Bulk Generation Proposals**

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is an opportunity for Bermuda to become a world leader in renewable energy.
- Is the most consistent with the purposes of the Electricity Act and the Bulk Generation Proposal Guidelines.
- Uses technology that is in commercial use in other jurisdictions.
- Promotes renewable energy that is beneficial to island resident's health and the global climate.

Bermuda has reached a junction at which it must update its existing energy infrastructure. With a relatively blank slate it makes sense to renew the island's energy generation system as a renewable-energy focused system and reduce our reliance on fossil fuels. In light of the IPCC's recent (2018) report on climate change, it would be irresponsible and short-sighted to pursue an energy plan solely reliant on fossil fuels. The argument of LNG being cleaner than petroleum falls flat when compared to the possibility of harnessing solar and wind power (both readily available on our island). In addition, solar and wind technology has improved to a point at which it is reliable and efficient, and Bermuda receives consistent sunshine and dependable wind. Switching to a renewable focused system would also be beneficial not only to our climate but to the island's image, attracting more tourists and business to Bermuda.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alexander Godfrey

Alexander Wilks
# 9 Inghams Vale, Upper Apt
Pembroke
HM04
Bermuda
735-6005
nookiescurby@hotmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

25 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is absolutely shocking to see that Bermuda is falling behind the rest of the world, particularly island countries like us, in the world of renewable energy and the future of the next generation. If we do not accept a plan considering wind and solar energy, but solely consider nonrenewable resources, we are threatening the environment, safety of the people of Bermuda, and most of all our position in the playing field of international business for years to come which will greatly affect Bermuda's market and tourism industry. We must look forward in a way that benefits all, not just some. Please consider how choosing renewable resources will benefit Bermuda's residents, investors, and tourists.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process. Kindly confirm that you have received this letter regarding such a concerning matter.

Yours sincerely,

Alexander Wilks

Alexandra O'Neill 9, 2 St James Crescent Clarendon Road Flatts FL 04 Bermuda 2959183 oneill15123@gmail.com November 30, 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We need to think outside the box.
- We could be an example for the rest of the world.

Please confirm receipt.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Alexandra O'Neill

Alia Hamza
PO Box HM669
Hamilton
HMCX
Bermuda
+144-534-2542
aliahamza@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29th November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am submitting my response to the RAB's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am unwilling to support BELCO's proposed use of Liquid Natural Gas when the means by which it is obtained, i.e. "fracking", is proven to be destructive to the natural environment and the communities in which it is practiced. It is in my opinion, bad karma fuel and direct conflict with greener thinking.

I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alia Hamza

From: <u>Hutchings, Alistair</u>
To: <u>Electricity</u>

Subject: Bermuda Better Energy Plan Support

Date: Friday, November 30, 2018 5:09:59 PM

Alistair Hutchings
12 Middle Road, Paget Bermuda
Paget
PG03
Bermuda
4412366834
Alistair.hutchings@blackrock.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda 10 October 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity? The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I work overseas for a renewable energy investor In the US and know that renewables will provide a cheaper, cleaner power source and reduce dependence on foreign fuel commodities.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Best, Alistair

### **Alistair Hutchings**

Analyst | BlackRock Real Assets | Infrastructure Phone: +1.646.231.1398 | Mobile: +1.435.631.0981

This message may contain information that is confidential or privileged. If you are not the intended recipient, please advise the sender immediately and delete this message. See <a href="http://www.blackrock.com/corporate/compliance/email-disclaimers">http://www.blackrock.com/corporate/compliance/email-disclaimers</a> for further information. Please refer to <a href="http://www.blackrock.com/corporate/compliance/privacy-policy">http://www.blackrock.com/corporate/compliance/privacy-policy</a> for more information about BlackRock's Privacy Policy.

For a list of BlackRock's office addresses worldwide, see <a href="http://www.blackrock.com/corporate/about-us/contacts-locations">http://www.blackrock.com/corporate/about-us/contacts-locations</a>.

© 2018 BlackRock, Inc. All rights reserved.

Allan Pelvang 10 Arlington Drive Smiths, FL02 Bermuda +14413047200 akpelvang02@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Besides from the obvious economic benefits to Bermuda, I particularly like that it will
  materially improve Bermuda's self-reliance and project us to the rest of the world as a
  jurisdiction with vision and foresight.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincaraly

Allan Pelyano

Alexandra Riker
1 Skyline Road
Smiths
FL08
Bermuda
441-747-8910
allietriker@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Finally, is very important to Bermuda's future and a step in the right direction.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Alexandra Riker

Amanda Miehm 98 Harbour Road Warwick, WK06 Bermuda (441) 591-3200 amandamiehm@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Climate change is threatening the globe, and we need to take action to ensure a sustainable and responsible energy plan moving forward for future generations in Bermuda.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Amanda Miehm

### Amanda J Outerbridge, JP - 4 Laurel Lane - Paget DV04 - Bermuda

Ms Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Dear Ms Lister,

#### Re: Response to Consultation Document on IRP Bulk Generation Proposals

I'd like to express my concern about the Belco proposal and encourage serious consideration of the Bermuda Better Energy Plan submitted by BE Solar. This plan has taken into consideration the future of sustainable, renewable and lower-cost energy sources as tried and tested around the world. We are already lagging behind: Jamaica is working towards 50% renewables, Grenada for 100% and the Cayman Islands have set a goal of 70%.

Most of all we need to think carefully before committing to 20 years of "more of the same" from Belco – high costs of fossil fuel, highly taxed by the Government. It would be shameful to pass this commitment on to our children and grandchildren. Knowing what we know today about the real risks of climate change, we need to look at how to play our part. With Bermuda's size and climate, we could be a world leader.

It's unfortunate that this issue has entered into the realm of conflict. Belco is a monopoly, but it's clearly unrealistic to think that our tiny island could support another power provider. And the Belco team has worked hard to keep us all provided with power over the years. We need Belco and their qualified teams; ideally the company would work with the likes of the BE Solar team and come up with the best possible solution for Bermuda – for all of us.

So I'm supporting the Bermuda Better Energy Plan for its

- Consistency with the purposes of the Electricity Act and ministerial directions for the most
  cost-effective provision of reliable electricity. The plan provides clear and convincing
  evidence that renewable energy can deliver a substantial reduction in carbon emissions
  while stabilising energy costs through clean renewable energy.
- Use of technology that is proven and in commercial use in other jurisdictions.
- Detailed and transparent assumptions and methodologies.

In addition, I urge you to consider the issues raised by Jan Card in a thoughtful and well-written Letter to the Editor, The Royal Gazette, Tuesday, November 17, 2018.

Thank you for taking the time to review my response. We all look forward to learning of the final outcome of the IRP consultation process as it's so vital to our future.

Sincerely, Amanda Outerbridge

 $amandajouter bridge @\ gmail.com$ 

Tel: 441 236-8195

Amy Harvey McGlynn Unit 4 Paget Townhouse 14 Townhouse Drive, Paget PG04 Bermuda 5043888 Harvey\_amy@hotmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

Bermuda is at a pivotal juncture where we have to make a decision to provide safe, secure and affordable energy supplies to our community. We have to consider not only the sustainability of our country but the planet as a whole when making this critical decision. Our nation has no room for error on this matter as the threats of climate change are at our door step. Recent scientific data presented by the IPCC suggests that globally we must keep within the 1.5 degree Celsius temperature increase over the next couple of decades. This is especially important for our small island nation which is vulnerable to sea levels rising and loss of precious ecosystems such as our coral reefs which are directly affected by increases in seawater temperatures and acidification caused by anthropogenic carbon emissions.

That being said Bermuda cannot continue with the "Business As Usual" approach. It is imperative that we seek energy sources that will have low carbon footprints that look to carbon neutrality. We cannot continue to rely heavily on fossil fuels as this is socially, financially and environmentally unacceptable. The proposed switch to LNG as our dominant fuel supply is not the way forward for Bermuda. It is actually regressing us as a nation by continuing our reliance on yet another fossil fuel which this time is a risky option due to its high flammability. In addition, the extraction of LNG has major environmental impacts on the nations that source it such as contamination of groundwater resources and releasing of greenhouse gases. We should be more responsible with how our ecological footprint not only effects Bermuda but globally as well.

After attending the Energy Summit and Hotel Energy Efficiency workshop held by the Bermuda Department of Energy I was inspired by countries such as Aruba, Barbados and the Cayman Islands who are moving towards renewable energy sources and improved energy efficiencies that are making

them not only more sustainable but more competitive in both the international business and tourism sectors. They are using existing renewable technologies that are proven, secure and safe. They have significantly improved the quality of life for their communities through this shift. Aruba's motto is "A nice place to live is a nice place to visit". Bermuda can learn a lot from our Caribbean neighbours and we should strive to be trailblazers ourselves. Businesses and tourists are more educated about environmental concerns and will choose jurisdictions that are environmentally responsible.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan not only addresses my concerns above but also:

- It is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is socially and environmentally responsible in that it will help Bermuda to reduce our carbon emissions while providing affordable energy for our community.
- It will enable us to be a competitive jurisdiction for both of our financial pillars; international business and tourism.
- It will help to keep money in our economy that would otherwise be shipped out for payment of fossil fuels
- It provides an optimal mix of sources so that we will be more resilient especially with increased impacts of climate change such as increase strength and frequency of hurricanes
- It looks to bring us to 64% of energy supply from renewable sources instead of alternatively proposed 10% which is unacceptable and not future forward.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Amy Harvey McGlynn

Amy Harvey McGlynn, MSc.

Bio:

Masters of Science in *Environmental Science*, Trinity College Dublin Bachelors of Science in *Biology*, McGill University Senior Lecturer in Earth and Environmental Science

Matthew T Cerr Square

5 Oleander Square

Devonshire DV 07

Bermuas
m. 531-213o
matthewthomascart@gmaii.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

[ ] November 2018

## Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk. Generation Proposais.

I have evaluated the two proposals put forward to the Regulatory Authority and would like to express my robust and unequivocal support the Bermuda Better Energy Plan submitted by BE Solar (the "BBEP").

I robustly support the BBEP as inte-

- Moves our country away from an unhealthy dependence on commodity prices outside of our control.
- \* Factors in future generations of Bermudians by looking for cleaner means of generating electricity.
- Diversifies reliance for energy generation away from our single utility model.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the leasicost provision of reliable electricity.
- The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Appears to have been developed using detailed and transparent assumptions and methodologies and based on actual case studies and inputs from other jurisdictions that are moving in a progressive and environmentally sustainable direction.
- Is in line with the United Nations Sustainable Development Goal No.7 targeting the move to more affordable and cleaner energy by 2030.

Thank you for your time in reviewing my response, please feel free to contact me directly any time if you would like to discuss my views as they related to the consultation documents, consultation more generally and or the outcome thereof. Please do take into consideration the above when making a decision on the IRP Bulk outcome thereof.

Generation Proposals before the Authority.

Yours sincerely,

Andrea C. Casling

From: Andrew & Rebecca Cottingham

To: <u>Electricity</u>

Subject: Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 4:28:14 PM

Andrew Cottingham

#6 Cedars Drive

Paget,

PG02

Bermuda

505-7965

Cottingham2016@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street

Hamilton, Bermuda 30 November 2018

# **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is the most sustainable and environmental friendly option for Bermuda moving forward.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Please confirm receipt of this email.

Yours sincerely,

Andrew Cottingham

Sent from my iPhone

Andrew Woodward
23 Mill Shares Road
Pembroke, Bermuda HM-05
532-0082
woodward.andrew@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I have recently moved to the island with my wife (4<sup>th</sup> generation Bermudian) and my young son. When I look around this island I see tremendous potential for the community to improve the island's sustainability and to reduce our collective carbon footprint. I am regularly reminded while driving past BELCO that we are importing vast quantities of fuel on ships that are burning fuel to get it here in order to burn it in BELCO generators. This is an unsustainable way for the island to produce power, and it will only become more unsustainable and expensive as time goes on.

A beautiful alternative for energy generation exists all around us. We live in a tremendously sunny and bright part of the world, with generous winds throughout the year. Both photovoltaic panels as well as wind turbines are ideal power generation sources in this environment, and they both produce energy for a LOWER cost per kwh than fossil fuel generation here.

Embracing these technologies in earnest will not only reduce costs for all Bermudians, but will help the environment, and provide high marks for Bermuda on the world stage as a leader in sustainability. We should all be interested in an energy plan with such immense upside for all Bermudians.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Andrew Woodward

Dr. Angela Barry
2 Laurel Lane
Paget DV04
Bermuda
236 1461
atb@logic.bm
November 29, 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- envisages a Bermuda where we will have played our part in confronting climate change and my grandchildren will be able to live without fear of its catastrophic effects.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Angela Barry

R. Anson Nash & Denise DeMoura - 22 Wreck Rd. Sandys SB01 234-1464 anash@logic.bm

Monique Lister
Regulatory Authority of Bermuda
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

27 November, 2018

A Response to Consultation Document: Comments on IRP Bulk Generation Proposal

Dear Ms Lister,

We do not support the integrated resource plan submitted by Belco in February 2018.

Belco's proposal to continue to primarily use fossil fuels -- and to not substantially increase the use of God-given renewables -- is not good for Bermuda's long term sustainability, affordability or resilience in weather-related disasters.

We have an opportunity here to move from being the smallest user of renewables in Caricom towards becoming an Island leader in diversifying our electrical generating capacity and reducing our production of damaging greenhouse gasses.

We are impressed by the initiative of BE Solar who took on the cost of preparing the alternative Bermuda Better Energy Plan and we wholeheartedly support it.

We can't improve on their words about why it is a better plan, copied below:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Please, consider the future generations of Bermuda's children who will inherit this beautiful Island.

Let them not look back at this decision for energy generation and curse us for not providing better for them on a planet in turmoil from Climate Change.

Thank you for reviewing our response.

We are hopeful that we will hear back that the decision was the one most environmentally beneficial.

Yours sincerely,

R. Anson Nash & Denise DeMoura

Antonia Holder 17 Southcourt Avenue Paget, PG o6 Bermuda 532.19113 Antonia.t.holder@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plans

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Antonia Holder, CPCU, ARe

Arthur Jones 42 Mill Shares rd. Pembroke Hm 05 Bermuda 1-441-334 9933 Captain Matthew Jones

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30th 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Belco have not planned for the future and can't be trusted. They did not set aside income to replace their infrastructure. They used their income to pay dividend and purchase other businesses and now want their customers to pay for their irresponsible behaviour while continuing to pay dividends to their shareholders.
- It is time for the Regulatory Authority to put an end to this.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Arthur N Jones

Ashley Couper
32 Harrington Sound Rd
Smith's
FI 07
Bermuda
441 535 7866
ashleycouper@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 29, 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Ashley Couper

Attila Fustos
Unit 6 Winton Hill Lane 10
Hamilton Parish
CR03
BERMUDA
5013073
afustos@gov.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Besides the above, I believe that one of the wealthiest country with highest GDP / capita should provide progressive, environmentally friendly example to other countries, not lagging behind other countries in the region,
- The world hopefully arrives to the stage rather sooner than later when being green will be one
  of the key factor to make decisions while choosing location for: investment, tourism, business

   as Bermuda is behind its competitors and based on the original Belco plan the track is even
  further away from a better greener future,
- The spread of the EVs will help to decrease significantly directly the pollution that affect the people on a daily basis. This accelerates even further in the future. With a better and greener energy production this will open a future for Bermuda to be not only greener and less dependent on oil and oil prices but also a sustainable island for the future generation of Bermudians.
- I just simply believe it is a no-brainer. I cannot see any point where the original plan would work out better, lower risk, cheaper, more environmentally friendly.

• I do believe it is vital not to build a LNG terminal in Bermuda to commit the island and spend huge amount money on a realistically futureless, unsustainable energy generation solution.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Attila Füstös

Augustin Yiptong 1 McGalls Hill Court, Upper East Apt, Smith's FLos Bermuda +1441 536 2529

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 Nov 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Augustin Yiptong** 

Rebecca Garley
BIOS, 17 Biological Station
St. George's
GE 01
Bermuda
297-1880 ext 212
Rebecca.garley@bios.edu

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Climate change needs to be addressed by everyone and every nation. The BBEP will finally bring Bermuda forward to join many other nations in the global fight against climate change. Renewable energy use needs to grow worldwide; Bermuda has many natural resources to allow for a successful supply of sustainable energy.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Rebecca Garley

Belinda Chiaramonte
4 Hilton Drive
Paget
PG04
Bermuda
441-300-0229
belinda.chiaramonte@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2015

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides dear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is environmentally sustainable

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Belinda Chiaramonte

Beverley Moniz
5 George's Bay Lane
Sandys SB02
441-333-3053
monizbeverley@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is important that in this age of climate crisis that we take a strongly pro-active stance on our energy consumption and forms of energy generation. We must think of future generations.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Bluelly Mossis

Dr. Brian P. Rosorea 8 Pokiok Road Smiths, 05 Bermuda

November 30th, 2018

Regulatory Authority of Bermuda 1st Floor Craig Appin House 8 Wesley Street, Hamilton HM11 Bermuda

Dear Sir &/or Madam,

Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Thank you for your consideration of this letter.

I am a Bermudian who is in favor of finding energy plans for our future that will have the least negative environmental impact possible. For the sake of our children, and those that follow, we feel that environmental considerations are of paramount concern when reviewing possible options.

The Better Bermuda Energy Plan for example offers one alternative that seems to give more weight to environmental impact and renewable sustainability.

We respect your important role in this process and are grateful to you for providing oversight as it relates to the future of our island, and it's generations to come.

With thanks and respect,

Dr. Brian Rosorea

234-2696

Bruce Barritt 15 Cloverdale Road Devonshire FL 01

Office phone—236-7171, ext 223

Cellular---777-2653

E-mail bruce@barritts.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29th November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals. I have personal views on how practical and inclusive the Consultation Process really is but will save them for another time.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Helps to keep money on island where it can circulate and bring benefit to more people.
- Demonstrates forward thinking and environmental awareness critical to Bermuda's future.

Thank you for your time in reviewing my response and I welcome the opportunity to meet with you or any of the Commissioners to discuss it further. Barring that, I look forward to learning of the final outcome of the IRP consultation process.

ours sincere

**Bruce Barritt** 

Carl & Gail Shechtman

1 Abri Lane
Pembroke HM 02
Bermuda

441-295-8026
cshechtman @gmail.com

29 November 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies
- Is a no-brainer! We need an innovative and different approach to electricity generation on our island and this proposal provides just that. An approach that will utilize the latest technologies with the emphasis on renewables where it should be in this day and age as well as protecting our island and global environment for future generations. This proposal makes sense economically as well, utilizing energy from the sun and the wind that costs relatively little compared to other means of generating electricity.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Carl & Gail Shechtman

Caroline Collis
5 Green Bay Lane
Pembroke
HM01
Bermuda
441-505-5005
carolinecollis@northrock.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Caroline Collis

Caroline Sullivan
Stokes Point Mews
11 Mullet Bay Road
St George's
Bermuda
(441) 305-1484
Caroline.sullivan@enstargroup.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

With all the information to hand it baffles me why this in question. The future generations of Bermuda need this sustainable & green energy for a healthy, affordable location to live.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Caroline Sullivan.

Catherine McNiven
"Sea Swept" 5 Phillips Cove Glen
Pembroke
HM01
Bermuda
295 9519
mcnviencatherine@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Catherine McNiven

Celine Collis 5 Green Bay Lane Pembroke, HM01 Bermuda celinecollis@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Lastly, the BBEP offers Bermuda a positive platform on the world stage. While this may not be apparent at first glance, I hope to elucidate why this plan will likely have such wide-ranging repercussions. First and foremost, I support this initiative because of its beneficial environmental impact. However, I recognise that environmental concerns are not the only factor that will be taken into account when deliberating on the future of Bermuda's energy. So rather than simply focus on the clean and renewable outcomes of this plan, I hope to draw your attention to other important factors: increased recognition and tourism to the island.

Take the example of Costa Rica: a country that last year generated 99% of its energy from renewables. For the past half decade, the vast majority of Costa Rica's power derived from renewable sources. Time and time again, this small nation dominates international headlines because of its ground-breaking successes in the environmental sphere. Costa Rica is recognised around the world as an energy-conscious leader, and its initiatives have been praised by many to be economically-savvy. Countries like Costa Rica, Iceland and Sweden are able to highlight their green energy schemes in tourism campaigns to paint pictures of beautiful, pristine destinations. The use of renewable energy elicits images of lush landscapes and unspoiled beaches; contrast this imagery with smoke stacks and fossil fuels. The use of renewables also shows a high level of forward thinking and future-oriented planning. The attitudes of the world are shifting, and fossil fuels are increasingly being regarded as anachronistic - a dirty thing of the past. Now, imagine if Bermuda were to receive the same attention as Costa Rica and other green energy trailblazers. Can you imagine the international recognition that

would come if Bermuda were to take such environmentally-friendly steps? The press coverage we would receive? The association once more of Bermuda with crystal clear water, fresh air, and blue skies?

Bermuda is committed to being an internationally-recognised powerhouse in international business, insurance, and other financial services. Now let us become a world leader in renewable energy as well. Bermuda is a forward-thinking, beautiful and progressive nation. Let us add one more international accolade to our list. Let us dominate headlines around the world. Let this positive press attract visitors to our beautiful island and let us reap the economic benefits of this future influx of tourists. Let us pave the way for a greener, brighter and better future. Let us please consider the Bermuda Better Energy Plan.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Celine Collis

Chantel Barnshaw
30 Second Avenue
Devonshire
DV03
Bermuda
333-8789
Chantel.barnshaw@fairmont.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

11 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Provides hope for my future children to live in a country that is moving forward with sustainable energy
- Puts Bermuda on the grid as a more eco-friendly country

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Chantel Barnshaw

Chelsea Trott

12 Watlington Lane North

Devonshire

DV06

Bermuda

333-0322

trottchelsea@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

26<sup>th</sup> November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is so important in bringing Bermuda into the future and participating in the movement to reduce carbon dioxide emissions to slow and eventually stop the growing impacts of climate change.
- Ensures a more self-sustaining future for our island that is less reliant on imported and expensive fossil fuels, and takes advantage of our sustainable natural resources.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Chelsea Trott

Chris Chapman 5 Villa Crescent Warwick WK06 Bermuda 5329358 chrisbda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

20 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Chris Chapman

Christopher Flook #2 Clarke's Hill St. David's DDo1 Bermuda (441) 333-1155 Seaflook@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29th November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Froposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is the best for Bermuda's future and shows commitment to lowering the impact of human's actions on our already stressed environment.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours singerely,

Christopher Flook

Clare Pemberton
18 Sinky Bay Road
Southampton
SN02
Bermuda
+1 441 705 3727
Clare.lander@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Ensures that Bermuda stays at the forefront of innovation within the world

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Clare Pemberton

Claudia Philipsz-Jones 10 Melville Crescent Devonshire DV07 Bermuda 300-0237 cpjcfc@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Claudia Philipsz-Jones

From: Claudia O"Reilly
To: Electricity

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Thursday, November 29, 2018 9:34:31 PM

Claudia Lockwood Magazine House 17 Kitchener Road Sandys MA01 441-703-1504

Claudia.Lockwood@markelcorp.com/OREILC15@TCD.IE

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Claudia Lockwood

# Jackson Langley

6 Woodstock Hill Paget,PG06 Bermuda

Telephone: 504 5264

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

I am a 10 year old Bermudian boy who attends Somersfield Academy school. I really care about the environment and want Bermuda to be more environmentally friendly in its approach to power generation. I think that we definitely have the technology to be more sustainable and using the wind and solar power. I write this today, 28 November, when it is very windy outside. We have a constant breeze which should be utilised. I am doing a project on H2O power which should also be looked into. My nanny and pappy live in England where there is not as much sun but many people and companies use solar. There is also the Thames Estuary outside of London where there is a huge wind farm. Why are we not already doing this? I am the future of Bermuda and I want to see this change. Please take this message seriously.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jorchon . Langulay age 10

Daisy Langley

6 Woodstock Hill Paget PG06

Bermuda

bermuda

Telephone: 504 5264

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

My name is Daisy Langley and I am 7 years old. I am a Bermudian and I attend Somersfield like my brother. I care about animals and the environment and I want us to be supportive of change to use wind and solar energy. On a recent holiday in America I asked to speak to the manager of a restaurant because they are using straws but almost every customer had a straw. This is not acceptable. I want to help with change and I do not want to continue using energy that pollutes.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

D9154 99 7

# Clive Langley

6 Woodstock Hill Paget PG06 Bermuda

Telephone: 298 3202
E-mail: clivelangley@hotmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

You will likely be aware of the recent public demonstrations and media that have surrounded the issue of global warning. We need to unite globally in respect of this initiative and to a large extent this issue relates to domestic energy consumption. We must support every initiative to reduce our carbon footprint as an island nation and I do not see how Belco's LNG plan supports a measured and sustainable approach for the future. We must embrace the change and rely on the sustainable resources that we have and incentivise people to make the change to sustainable energy means.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

# Daina Casling

6 Woodstock Hill Paget PG06 Bermuda

Telephone: 525 7302 E-mail: dainaecasling@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Daina Casling

Colin Alexander 1 Windy Bank Middle Road Smith's FL 02 Bermuda

Email: alexander@northrock.bm Tel: 296-2734 (H), 534-8968 (Cell)

30 November 2018

Ms. Monique Lister Regulatory Authority Craig Appin House - 1st Floor 8 Wesley Street Hamilton

Dear Ms. Lister

# Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I am writing to express my concern regarding BELCO's 20 year energy plan which continues to rely heavily on fossil fuels in the form of LNG with very little use of our own resources: sun, wave and wind!

It is so disheartening to see this during a time when solar panels and wave and wind turbines are proven ways of generating power cleanly and efficiently. We have an abundance of these natural resources, why wouldn't we consider utilising these resources so we are less reliant on the volatility of the oil market?

Isn't it time for us to take control of our destiny to:-

- reduce the squeeze on our pocket books;
- use sources of energy that are clean so we're not emitting toxins into the atmosphere that are causing illness;
- reduce our carbon imprint and try to reverse the effects of climate change.

We do not need to reinvent the wheel. All we have to do is look to our sister Islands to our South to see how they are implementing renewable energy. It's shameful to think that if we were to adopt the BELCO plan we'd only be using 5-10% of renewable energy in 20 years time, when some Islands: Dominica, Grenada and Montserrat plan to be 100% powered by renewable energy by then!

This is a HUGE disservice to our children, grandchildren and future generations. How dare we NOT leave them a legacy of clean energy? How dare we even consider causing even more harm to the environment?

My family and I are doing the best that we can to consider the environment and make conscious choices around climate change and have installed solar panels at our residence and recently purchased an electric car.

Our daughter is very passionate about this and it has influenced what she's chosen to study at University. However this path of study means very little opportunity for her to pursue a career in her own country, based on our current attitude toward environmental concerns.

You, the Regulatory Authority, have the opportunity to change the course of our destiny. Bermuda can be a shining example of innovation and a Global environmental leader. Imagine if everyone in Bermuda had the opportunity to utilise sun and wind energy - how truly powerful that would be.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

I appreciate that fossil fuel would still be required to supplement the solar and wind power, but for BELCO to not even consider a bigger scale of sustainable energy is shameful!

PLEASE consider this issue VERY carefully - the world needs us to make these changes and I look forward to hearing of the final outcome of this consultation process.

Yours sincerely,

Colin Alexander

From: Conor McGlynn
To: Electricity

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Date: Wednesday, November 28, 2018 5:14:32 PM

#### Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

In general, I support the use of clean, renewable energy wherever possible in order to do our part to protect Bermuda and the world from the devastating effects of climate change; which are likely to be catastrophic for an island such as Bermuda unless our current global path is radically altered and quickly. The Intergovernmental Panel on Climate Change (IPCC) states that 'Global net human-caused emissions of carbon dioxide (CO2) would need to fall by about 45 percent from 2010 levels by 2030, reaching 'net zero' around 2050' in order to maintain a 1.5 degree increase in Global warming. Bermuda, as a developed economy, *must* do its part.

In particular, I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The window of opportunity for the world to shift to a Carbon Neutral position is closing fast. Bermuda CAN and SHOULD be a transition leader in this process as we similarly seek to lead in other areas such as (Re)Insurance, Fintech and Tourism. Let's be ambitious!
- The use of cheaper sources of renewable energy is sensible and rational. The people of Bermuda (i.e. the consumer) should be the main priority and providing cheaper energy to all Bermudians should be prioritised over any vested business interests (i.e. the providers).
- Maintaining expenditure within the Bermuda economy is good for everyone. This
  should not be overlooked as a hugely important element within the plan as we seek
  to rebuild our economy in the wake of the Global Financial Crisis and subsequent
  recession. Sending money out of your economy makes you poorer.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

# Yours sincerely,

# Conor McGlynn BBS (Hons), CPCU

(All views expressed above are my own.)

CONFIDENTIALITY NOTICE: This message is intended for the use of the individual or company named above only and contains information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately. We take reasonable precautions to ensure that any attachment has been swept for malware, we cannot accept liability for any damage sustained as a result and would advise that you carry out your own malware checks before opening any attachment. For information please see our website at https://www.argus.bm lxc5efasxket

Craig Divitt
Beverley Cottage
36 Harbour Raod
Paget PGo2
+1 441 705 3349
craigdivitt@googlemail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Not substantially adopting green energy for the next 20 years is a horrendous thought for a small beautiful island that would be devastated by sea level rises and other global warming weather events.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Craig Divitt

Craig Michael Scott West Apartment, 46 Middle Road Smiths FL06 Bermuda +441-293-8742 craig@northrock.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The BELCO plan is based almost entirely on the use of fossil fuel with very little demand for renewable / clean energy. This goes against the direction of vast majority of the developed world who are moving to increase the electricity production via renewable energy sources.
- By encouraging homeowners / developers to install solar / renewable energy sources at there properties the demand on BELCO would be reduced.
- Whilst Bermuda cannot rely entirely (at the moment) on renewable sources of power generation there must be a concerted effort to increase their use.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Craig M. Scott

Dana Spurling
2 Speakers Drive
St. George's
GE02
Bermuda
747-2550
dspurling@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Will utilize Bermuda's own sustainable resources of energy: wind and solar, to provide leastcost energy

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Dana Spurling

David Bigley
17 Pokiok Crescent
Smiths, FLo5
Bermuda
44.504.0947
davidjbigley@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

21 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

You	rs	SI	n	CP	r٩	lv/

David Bigley

Mr David Cahill
33 Wellington Slip Road
St George
GE 02
Bermuda
519 0777
david@bermudacharge.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Dovetails with the objective of our annual event (Bermuda Charge) to accelerate Bermuda's sustainable future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mr D. Cahill
Director
Bermuda Charge
www.bermudacharge.com

David & Melony Kendell
34 Hinson Island
Paget, PG01
Bermuda
236.4025
dskendell@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

We are writing to submit our response to the consultation on IRP Bulk Generation Proposals.

## We adamantly oppose the BELCO 20 Year plan because:

- It proposes to rely primarily on imported Liquefied Natural Gas (LNG), which will require the construction of an expensive industrial regasification facility in Bermuda.
- Reliance on fossil fuels creates economic dependencies and financial risk and hardship for Bermuda electricity users when fuel prices rise, which they are forecast to do.
- Fossil fuels contribute to global warming and create local pollution and safety and health risks.
- Renewable energy will not become a significant part of the generation mix with the BELCo plan and Bermuda will continue to rely on imported fossil fuel for decades under this proposal.
- It contradicts our Government's commitments (and that of the rest of the world) to reduce use of fossil fuels for producing energy. The Government has committed to increase the uptake of renewable energy ... by proposing to increase distributed generation beyond the individual level, harnessing renewable energy for use on a community, commercial and utility scale (Throne Speech 2018).
- The BELCO plan should NOT be the default plan especially because it does not aspire to have more than 20% of electricity generation from renewable energy sources which is insufficiently diversified.

#### We strongly support the Bermuda Better Energy Plan (BBEP) because this plan:

- Is the most consistent with the purposes of the Electricity Act 2016, with respect to safety, adequacy, sustainability and reliability of future electricity supplies.
- Proposes use of locally sourced sun and wind energy, which is more sustainable and better for health, environment, economy, and the people of Bermuda.
- Provides clear and convincing evidence that Bermuda can stabilize and reduce energy costs
  through clean renewable energy. Use of renewables can keep millions of dollars per year in
  the local economy and help to generate local jobs to install and maintain renewable energy
  facilities.
- Proposes use of renewable energy technology (wind and solar) that is not exotic it is already in commercial use in other jurisdictions.
- Promotes the use of cleaner energy sources and technologies and Bermuda can reduce its carbon footprint and contribution to global warming.
- Promotes a culture of self-reliance and consciousness for efficient energy use and electricity
  conservation that are already proudly part of Bermuda's culture because of traditional
  rainwater harvesting. The same culture and pride will apply to the harvesting of energy from
  sun and wind in future.
- Proposes a level of renewable energy generation (approximately 64%) that is in step with targets for similar island nations in the region, and reduces Bermuda's fossil fuel dependency to 36% by 2038.
- The BBEP proposes a generation mix that is far more diversified and can add competition to the energy sector market, which is presently a monopoly.
- Provides an important on-going role for BELCo to manage renewable and non-renewable energy generation and operate the distribution grid.
- Renewable energy systems can withstand extreme weather.
- Cheaper electricity will boost economic development and Bermuda's competiveness
- More affordable electricity will improve the lives of the poor generally; especially vulnerable children and elders.

Thank you for your time in reviewing our response, We look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**DAVID & MELONY KENDELL** 

"Bay House"
7 Hungry Bay Lane
Paget
DV04
236-4768
dskinner@northrock.bml

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30° November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction
  in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Continued reliance on fossil fuel and the related material costs of investment in the infrastructure necessary to deliver energy will saddle future generations with an unreasonably high cost to bear.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

David F. Skinner, CPA, CA

David Woods
C6, Skytop, 4 Mellow Sky Lane
Paget
PG 03
Bermuda
+14415352504
David.woods.2@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**David Woods** 

# Davina C.A. Dickinson 60 Harrington Sound Road Hamilton Parish CR 04

Tel: 441-293-7575
Email: davina.dickinson@axaxl.com

November 30th, 2018

Ms. Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is imperative that Bermuda play it's part in the world-wide efforts taking place to reduce the use of fossil fuels and focus on renewable energy. Our Island is the perfect footprint for solar, wind and water power initiatives.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Diana Chudleigh
3 Somers Hill Road
Hamilton Parish
FL04
Bermuda
293-0128
dchudlei@icloud.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Appears to minimise the use of fossil fuels as far as is practicable. This is desirable for environmental, cost and foreign exchange reasons.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Diana Chudleigh

Diana Heslop
12 Middle Road
Devonshire
DV03
Bermuda
293-7535
theheslops@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Bermuda needs to maximize the use of renewable energy, especially solar and wind power.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Diana Heslop

# Diana L. Martin

The Pool House

12 Shawn Acres Lane, Southampton SN 03

Bermuda

Tel: 441-337-0226 Email: dianabermuda@icloud.com

November 29, 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Dear Ms Lister,

Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

#### Further:

- I believe Bermuda needs to reduce reliance on fossil fuels.
- I believe Bermuda needs a variety of affordable, efficient and socially/environmentally considerate options for energy provision.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jaalllal

Diana L. Martin

# Dr. Dörte Horsfield P. O. Box 626 Warwick WKBX Bermuda

29th November 2018

Ms. Monique Lister Regulatory Authority Craig Appin House, 1<sup>st</sup> Floor 8 Wesley Street Hamilton

Dear Ms. Lister,

I am writing to submit my response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The BBEP offers a flexible approach to power generation within which an Integrated Resource Plan can be modified as and when advances in technology allow for changes in approach.
- Using renewable energy will increase public health.
- Using renewable energy will diversify our energy supply and make Bermuda energy independence.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Hashull

dhorsfield@bnt.bm or horsfield@northrock.bm

phone 536-6664

Duncan Barclay
3 Sunshine Lane
Sandys
MA05
BERMUDA

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals. I would like to state my support for the Bermuda Better Energy Plan submitted by BE Solar for the following reasons:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Balance. It is a fair and balanced proposal. Rather than relying on one or two sources of energy it spreads electricity generation across a number of sources allowing for diversity as well as utilising technological advances in each area.
- Partnership. It's a proposal that works with Belco rather than against it leading to potential new job opportunities and possibly increasing jobs on the island.
- Environment. As an isolated island in the Atlantic, Bermuda is directly affected by climate change and we have a real opportunity to lead by example. We need to have greater renewable energy usage which the BBEP proposal allows for. With rising sea levels and other issues associated with climate change, it would be reckless of us not to implement an energy plan that does not have renewable energy at the forefront of its proposal and as a major contributor to the total energy production on the Island.
- Cost. With Bermudian families still struggling to make ends meet, we need an energy plan
  that will keep energy cost as low as possible. The BBEP's focus on renewable energy means

- we will have better control over energy costs and are not dependent on price fluctuations of imported fossil fuels.
- Liquid Natural Gas: The BBEP does not propose the use of LNG like some other plans. While LNG prices may not fluctuate as much as oil prices it is still not as stable as made out to be.
   Different regions will price LNG at different rates and so price fluctuations will occur and without knowing what future demands for LNG will be it is dangerous to assume they will remain constant.
- Methane Slick. Methane is one of the most harmful greenhouse gases. It is important to
  note that the use of dual fuel turbines for LNG energy production (as proposed by some of
  the other plans) are known to leak methane into the exhaust and thus released into the air.

In summary I support the BBEP because it relies on a significant amount of renewable energy, will keep monthly energy costs low, keeps energy local, keeps and creates jobs in Bermuda, utilises Bermudian talent, uses LPG rather than LNG and is better for the environment.

Yours sincerely,

**Duncan Barclay** 

Edward R. Doe
54 Middle Road
Flatts, Smiths
FL 06
Bermuda
236-3132
Email 4doe@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

18 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Here's my unique response:

- I have seen South Africa increasing its use of wind generators and think we are able to as well.
- Please move Bermuda away from energy sources that keep us dependent on other countries.
- Surely, wind driven power generators exist that can withstand double hurricane strength winds.
- Absolutely, no plan should go forward without at least a sample of these large generators that the Netherlands are doing.
- I recommend a Google search such as netherlands wind power generators.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Edward R. Doe

Edward & Doen

Edward Lawrence 55 Pitt's Bay Road Pembroke HM 06 Bermuda 505 0088 elawrence@ibl.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and
  convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Takes a holistic view of energy needs for Bermuda's future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Edward Lawrence** 

Elaine Blair-Christopher
Lower Apartment East, 1 Fiddlewood Drive
Warwick
Wk o8
Bermuda
(441) 232 2436
blairej@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Provides Bermuda different ways to have affordable, reliable, sustainable and modern clean energy generation and distribution.
- Allows for access to lower cost clean energy, which are essential for human and economic development e.g. job creation in related and new industries), security, food production, water production, medical, education, agriculture infrastructure, communication, high technology etc.
- Helps identify the need for Public and Private to investment in energy and focuses on sustainable energy regulations and innovative business models to transform Bermuda's energy systems for its people and for generations to come.
- Introduces affordable, reliable and sustainable energy system that do not only rely on one fuel source. It promotes renewable energy sources, prioritizes energy efficient practices and adopts clean energy technology and infrastructure where the people cannot only use but also contribute too, while protecting ecosystems. Offers more incentives to promote a clear lifestyle for people and business etc. The proposed technology allow for energy

production and distribution to be achieved in secluded locations in Bermuda at standalone islands.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Elaine J. Blair-Christopher

Emma Law
51 Berry Hill Road
Paget DV03
Bermuda
(441) 536-0507
emmadholmes@hotmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

27th November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction
  in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Emma Law

Eve, Patrick & Ray Foster
3 Gibbons Drive
Sandys
SB01
Bermuda
599-4910/504-0677
patandevefoster@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity.
- Provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Will enable us to be a competitive jurisdiction for both of our financial pillars; international business and tourism.
- Will help to keep money in our economy that would otherwise be shipped out for payment of fossil fuels.
- Provides an optimal mix of sources so that we will be more resilient especially with increased impacts of climate change such as increase strength and frequency of hurricanes.
- Looks to bring us to 64% of energy supply from renewable sources.
- Is endorsed by Bermuda's leading environmental advocacy organizations.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Eve & Patrick Foster

Eve Akle Girvan 49 Harbour Road Paget PG02 T: 441 236 5632

1: 441 230 3032

E: <a href="mailto:eveakle@icloud.com">eveakle@icloud.com</a>

To whom it may concern,

Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is the best way to preserve our beautiful island for our children and our children's children, ensuring that future generations have access to clean, green energy supplies that harness our natural resources and preserve our heritage.

Thank you for your time in reviewing	my response, I look forward to learning of the
final outcome of the IRP consultation	process.

Yours sincerely,

Eve Akle

Evelyn A. Llewellyn Apt 17 21 Mt Wyndham Drive Hamilton Parish CR 04

Tel: 295-8140

E-mail: <a href="mailto:lyn.llewellyn@gmail.com">lyn.llewellyn@gmail.com</a>

Monique Lister Regulatory Authority 1<sup>st</sup> Floor, Craig Appin House 8 Wesley Street Hamilton

### Response to Consultation Document Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- 1. Is most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilizing energy costs through clean renewable energy.
- 2. Uses technology that is in commercial use in other jurisdictions.
- 3. Has been developed using detailed and transparent assumptions and methodologies.
- 4. It is imperative that we reduce, as much as feasible, our reliance on all types of imported fuel for electricity generation and concentrate both efforts and capital investment in renewable resources.

Thank you for your time in reviewing my response. I look forward to learning the final outcome of the IRP consultation process.

Yours sincerely,

Evelyn A. Llewellyn

Fiona McWhirter
Apartment East, 2 Tribe Road No. 7
Warwick
WKo2
Bermuda
5950146
fionaguirt@hotmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 30, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Offers energy alternatives that I believe are progressive, forward-looking and can help to bring the island closer to its counterparts in delivering sustainable, more environmentallyfriendly energy schemes

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Fiona M McWhirter

Gemma Hopkins 4 Valley View Lane, Smiths, FL o6 Bermuda Tel: 441-705-3073 Hiles.gemma@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28<sup>th</sup> November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is better for the environment for all future generations

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Gemma Hopkins

Geoffrey Law
51 Berry Hill Road
Paget DV03
Bermuda
(441) 591-6232
walffoeg@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

26th November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Incorporates renewable energy sources that have a less harmful impact on the environment, which is one of our island's unique treasures.
- Demonstrates that thought is being given to future generations of Bermudians. The
  Seven Generation stewardship concept urges that current leaders consider whether
  the decisions they make today would benefit their children seven generations into
  the future. I want my children, grandchildren etc. to be able to enjoy the same
  beautiful island that I have been fortunate enough to grow up on.
- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction
  in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Geoffrey Law

Gina Cardell-Naranjo
"Westbound", 5 Southampton Road
Southampton, Bermuda SB04
PO Box SN 76
Southampton, Bermuda SNBX
441-705-6182
geoffice@northrock.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I feel that Bermuda is in a unique position to be an example to the world for low carbon footprint and energy conservation while maintaining a sophisticated infrastructure. It is unfathomable to me that we would even be considering a plan that has any reliance on fossil fuels as a long-term solution for future energy needs.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Gina Cardell-Naranjo

Gina A Morris 5 Portland Lane, Sandys, MA04 Bermuda 4415376390 Gegem1968@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and convincing
  evidence that renewable energy can deliver a substantial reduction in carbon emissions
  while stabilizing energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Uses resources that are locally available and sustainable
- Will provide a healthier and cleaner environment for future generations
- Lower energy cost
- Provide job opportunities for Bermudians
- Ultimately to become totally independent from the use of fossil fuels & help to reduce the effects of global warming

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Monique Lister

Glenn Fubler

Regulatory Authority

7 Morer Estate Road

1st Floor, Craig Appin House

Smith's FL 05

8 Wesley Street

Bermuda

Hamilton, Bermuda

November 29, 2018

Subject: Response to the Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan (BBEP) submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and convincing
  evidence that renewable energy can deliver a substantial reduction in carbon emissions
  while stabilizing energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please see my additional comments below that I have included, for supporting the Bermuda Better Energy Plan.

Thank you for reviewing my response. I look forward to learning the final outcome of the IRP consultation process, as our community faces what is a critical crossroads for our entire Planet.

Yours sincerely,

Slem Tubler

Glenn Fubler

(Further supporting comments are found below)

#### **Additional Comments**

Ms Lister,

I should point out that I was totally unaware of this process until the publishing of an urgent report on Climate Change about six weeks ago led me to reach out to the local environmental community.

My support for the Bermuda Better Energy Future has come, following the publishing of the United Nations' Intergovernmental Panel on Climate Change (IPCC) Report which was released in October of this year. I have a background in Biology and have always been interested in environmental matters. The IPCC Report concluded that the *Paris Agreement* 'allowance for temperature rises' had been far too liberal; and it sounded a Global alarm.

The IPCC Report came on the back of historic devastation by Hurricane Michael in Florida. Following the publishing of that Report, there were the historic Wild Fires in California. Add to that, a report in the scientific magazine *Nature* revealed new concerning evidence regarding the implications of the Earth's oceans in the climate change saga.

The 'icing' on this proverbial 'cake' happened last week, on *Black Friday*, with the publication of the U.S. Government's *Climate Science Special Report* which is a collaboration involving 13 Federal government agencies. This thoroughly researched report concludes that *the freight train* of Global Warming has already caused billions of dollars of damage to the United States and that the country - on its current course - faces an existential threat. Of course, it goes without saying that Bermuda shares that 'threat'.

This 'wake-up' call led me to reach out to those involved in the island's environmental movement and I was made aware of the IRP process. As a result of contacting Greenrock I was informed of the "BBEP" which had been submitted by BE Solar to the RA.

I should note that it appears to me that most of our community seemed – like myself- to be totally unaware of this vital process concerning our Island's energy future, for most of this period. That, until lately.

Over these past few weeks it became clear to me that the principal players of the BBEP were effectively leveraging their limited resources to engage the wider community. In addition, they made significant efforts engaging small groups of both 'experts' and 'critics, in an in-depth engagement on this complex matter. They had the support of Etude – the UK Bases consultants – that drafted the Plan. I was one of the many locals who engaged with the 3 representatives who visited the island for a number of days, to ensure there was the utmost transparency on this complex proposal with 'friend and foe'.

I personally witnessed the principals of the BBEP volunteer a great deal of time to ensure an understanding of the Plan and answer any outstanding questions. As one with a background as a teacher; this exercise provided an exemplary demonstration of grassroots education for all demographics in our community on these technical matters.

It has been suggested that during the Cold War the Pentagon used "Aircraft Carrier" as the code name for Bermuda. You would be aware that those large ships have difficulty in changing course. I am aware that the Regulatory Authority, as a part of its remit, are considering BELCO's proposal to make a major investment in an LNG Regassification Facility – well over \$100 Million.

If this particular plan is authorized, this will reinforce our island's current course which is locked in on fossil fuels. Consequently, it will be even more difficult for Bermuda to 'Change Course' and move to a path that allows us to shift, creating the opportunity for a more progressive path, leveraging alternative energy options. Our journey towards a sustainable future would be made more difficult.

It is clear that the BBEP relies on BELCO for an optimum mix to guarantee electricity servicing our complex infrastructure. Rather than moving to LNG, which requires this massive new infrastructure, I share the view that the Island will be better served by using Propane, with which we are already experienced and would require limited infrastructure changes.

You would be aware that the Chinese symbol for 'Crisis' means both 'Danger' and 'Opportunity'. I would invite the members of the Regulatory Authority to review those recently published reports that raise the alarm for all who share Planet Earth, facing an existential threat from Global Warming and also speak to the way forward. In the midst of this critical danger — in my view and that of many- we are offered the opportunity for Bermuda to 'change course', so as to facilitate our securing a sustainable future.

As stewards for the 'way ahead' for our children, grandchildren and those others who share the Planet, I look forward to the Regulatory Authority taking the best action to secure that Future.

Best to You and Your Family over the Christmas Season

Graeme Henderson 19 Devon Point Lane Devonshire FLo5 Bermuda

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Graeme Henderson

Graham Frith
Lyme house #3 89 Middle Rd.
Devonshire
DV06
504-2530
Gfrith13@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

22 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and
  convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Makes more sense to me for the fact of diversification of energy sources. I believe the saying goes "Don't put all your eggs in one basket". This is finally the time we can diversify our energy source and not be all tied in on one.
- Have seen that our fellow Caribbean countries have started to adopt or have been using renewables for sometime now with success. Bermuda can be another shining example for the future.

#### Now for the personal reasons.

- The future, the future, the future. If we keep going down the road of burning more and more fossil fuels, which is polluting our amazing planet we live on, we will not have a very long future ahead.
- I am a Bermudian and plan on living here the rest of my life! Monique I'm going to get more personal. Do you have children or nieces or nephews? My wife and I do not have children yet, but are planning to in the short future. One of my major worries going forward is, Is it going to be almost cruel and unusual punishment to bring a child into this world knowing the sad direction our planet is headed? What future are they going to actually have? Is it going to be a horrible disaster of a planet since our past generations were not whole heartedly thinking about the real long term. We

have so many young generations coming along that are going to be dealing with the mess we have created. I believe this better energy plan is one of the small steps we can now start making so that we can start creating a much better future for our younger generations. For your children or nieces or nephews and family.

Monique, in closing I am thoroughly excited with this better energy plan for Bermuda's and everyone's future.

Thank you so much for your time in reviewing my response. I know it has to be an overwhelming process everyone is going through during this process, as there is so much to consider. This can be a major moment in time in Bermuda's history and you and the regulatory authority have a huge decision to make. I look forward to learning of the final outcome of the IRP consultation process and look forward to a brighter cleaner Bermuda.

Yours sincerely,

Graham Frith

From: Hannah Gutteridge

To: <u>Electricity</u>

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 11:56:37 AM

Attn: Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda
30 November 2018

## Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan;

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Addresses the widespread concern that Belco's current plan does not seem sustainable for our next few generations.

Eventually the world will need to be thinking in terms of renewable energy, why must Bermuda be left behind? Ultimately If "Bermuda's strategy has been to create the right legislative framework to facilitate electronic commerce and business and to provide a supportive environment where business can grow and flourish" (<a href="https://www.gov.bm/technological-advantages-doing-business-bermuda">https://www.gov.bm/technological-advantages-doing-business-bermuda</a>), then we must seek to create a business encouraging environment competing with the rest of the world.

This includes keeping the cost of doing business in Bermuda low and keeping up with technological/engineering development whilst being sustainable place to live for future generations of Bermudians.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours Sincerely,

Hannah Gutteridge 1 Dunscombe Rd Warwick WK 10

Harry D & Marlie Powell
5 Turnstile Lane
Pembroke HM 06
Bermuda
295-6597
hdpowell@northrock.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 October 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

We are writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost
  provision of reliable electricity. The plan provides clear and convincing evidence that renewable
  energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through
  clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- If we "think globally and act locally", there is no question that Bermuda should take steps to be environmentally more responsible. Sustainable, clean energy sources are without doubt the way we should be going for our health, economy, tourism and not the least of which, for the environment.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Harry & Marlie Powell

Harry Masters
6 Chapel Road
Paget
PG02
Bermuda
+254 745 720 456 (whatsapp)
Hmasters34@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- My biggest concern is around the timing of which this is undertaken, and the lack to efforts
  have been made to review other options. Committing to decades of generation through LNG
  could subject the island to wide swings in LNG pricing. LNG may be at historic lows in the
  United States, but we can expect there to be some adjustment over time.
- Now, there are some issues with a fully renewable scenario in Bermuda, given land
  constraints. But there seems to be a dearth of technical analysis around the potential to first
  increase energy efficiency to limit the total need of installed capacity, and then explore
  areas other than solar, particularly off-shore wind energy.
- Before proceeding in making this massive commitment for the island, I think it prudent to better
  explore the other options. Bermuda is a tiny market, with no economies of scale. A costly
  investment in LNG infrastructure could result in significant costs to Bermuda, particularly given
  the potential for customers to generate their own electricity as costs come down.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Harry Masters

Heather Couper
1 – 9 Tulo Lane
Pembroke HM 02
Bermuda
(441) 799 – 9636
hcouper@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Bermuda has wind and sun as natural resources that we should be exploiting for the benefit of the economy, the environment and the future of Bermuda.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Heather Couper

Helen Orchard Cushman House Paget, DV 03

November 28, 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Offers diversity and when we have diversity of ideas we are able to create more options and find the best solution
- Will benefit future generations: look at this decision to include the 7 Generation Principle: what we choose today will impact 7 generations forward and what will it be like for them?
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Helen Orchard, concerned and interested Bermudian

From: <u>Hubert Watlington</u>

To: <u>Electricity</u>
Subject: Energy

**Date:** Thursday, November 29, 2018 10:47:03 AM

**Hubert Watlington** 

7 Leeside Dr.

Pembroke

HM05

Bermuda

292-4144

hw@logic.bm

Monique Lister

Regulatory Authority

1st Floor, Craig Appin House

8 Wesley Street

Hamilton, Bermuda 29th November 2018

# **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilizing energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is the right thing to do, we have enough smoke and pollution from trucks and the dump, so take the smoke stacks away and use renewable sources, Bermuda can do this.

Thank you for your time in reviewing my response, I look forward to learning of

the final outcome of the IRP consultation process.

Please let me know you got this email.

Yours sincerely,

**Hubert Watlington** 

From Hubert's iPad

Dr. Ian B. Campbell
6 Inglewood Lane
Paget
PG 06
Bermuda
441-332-2837
dentist.ian@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

18 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

When the TD&R licensee's IRP was released, I noted the lack of any significant renewable energy generation. Considering the near universal shift toward providing renewables in the energy supply mix for most countries, I questioned why Bermuda should diverge from this direction. The TD&R licensee's IRP failed to convince me that the choices being made were in the best interest of Bermuda, its residents and the globe. From this perspective, I support the Bermuda Better Energy Plan submitted by BE Solar, because this plan:

- Respects the established science that has informed the direction taken for countries around the world in determining their energy generation mix.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Provides sustainability and reliability by reducing reliance on the importation of non-renewable fuels.

 Uses technology that is in commercial use in other jurisdictions, with well documented successes worldwide using wind and solar.

•

- Has been developed using detailed and transparent assumptions and methodologies.
- More closely aligns with the IPCC concerns and recommendation, with specific reference to the Assessment Report #5, Working Group III, Chapter 7. I quote, "Decarbonizing (i.e. reducing the carbon intensity of) electricity generation is a key component of cost-effective mitigation strategies in achieving low-stabilization levels (430-530ppm CO2eq); In most integrated modelling scenarios, decarbonization happens. more rapidly in electricity generation than in the industry, buildings and transport sectors (medium evidence, high agreement)."
- Will not, unlike the TD&R licensee's IRP, saddle us with stranded assets, to the great detriment of all Bermudians, as renewable energy costs continue to fall, making continued use of the LNG facilities untenable.

I think that, beyond what I have written above, and whether or not the BBEP is ideal in all details, it highlights the serious deficiencies of the TD&R licensee's IRP, and provides a sensible framework for an IRP that will serve Bermuda and Bermudians for decades. Of particular note, the BBEP will not drive away international businesses that have a renewable energy mandate for their choice of corporate locale. The TD&R licensee's IRP, however, if implemented, will drive away such businesses. Let us not be known throughout the world as "Bermuda, the country with a problem for every solution."

Through the BBEP, Bermuda should be able to provide electricity for a lower cost, with greater reliability and environmental responsibility than the TD&R licensee's IRP, with a high level of confidence.

Thank you for your time in reviewing my response; I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Ian B. Campbell

Ian and Felicité Davidson "Old Walls"

41 St. Mary's Road
Warwick, WK 06
Bermuda

Telephone: 234-2455

E-mail: <u>ihdavidson@gmail.com</u> felicitemdavidson@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 30, 2018

Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Bermuda must address more affordable renewable energy sources for the future

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Ian H Davidson

Felicité M. Davidson

J. W. Atcheson Moogate Lane Paget, Bermuda jwatcheson@cogeco.net

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 29, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

When I first moved to Bermuda and married my husband some thirty years ago, "Bermuda is another world" was the slogan for Bermuda. We were proud of Bermuda, its accomplishments and being forward thinking. What happened? Why are we falling behind other islands? We should be leading not following. Living in Bermuda is expensive, we all know that but it doesn't mean we should take the status quo and further indebt our children. We owe it to ourselves and our children to be the best stewards possible to protect Bermuda and provide us with lower cost were ever possible. This plan is forward thinking, and profits the country, not a select few. Please look at the alternatives without saddling us with the cost and assets that are bad for the country as a whole.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

J. W. Atcheson

James Anfossi 11 point shares rd Pembroke Hmo5 Bermuda 441-535-0248 James.anfossi@fidelisinsurance.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Improves Bermuda's Image

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

James Anfossi

James Gould
13 Tulo Lane
Pembroke
HM02
Bermuda
504-1234
j.gould.bda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

James Gould 504-1234

James J. Gould 9 Watlington Lane North Devonshire, DV 06 441-535-1065 jim.gould@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

21st November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- · Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Better takes into consideration and encompasses what I believe is best for Bermuda over
  the next 20 to 50 years from an energy generation and usage standpoint. We all live on a
  small island desperately susceptible to the effects of climate change, Therefore we have a
  responsibility to ourselves and our island home to take whatever measures we can to
  alleviate the causes and thereby the effects of climate change.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

James J. Gould

Miss. Janika S Roberts
#125 Somerset Road
Sandy's
MA06
Bermuda
1 (441) 234 1865
robertsjanika@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 29<sup>th</sup> 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the leastcost provision of reliable electricity. The plan provides clear and convincing evidence that renewable
  energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through
  clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions including developing countries that are nowhere on par with Bermuda's economic infrastructure i.e. Jamaica
- Has been developed using detailed and transparent assumptions and methodologies.
- In the Premier's David Burt's interview with ZBM over the nightly news he stated that under no circumstances would he approve any Electricity Plan put forth by BELCO that us the tax payers would be responsible in paying for either directly or indirectly as they are a private entity which reports annual fiscal capital gains year after year and should bare sole financial responsibility.
- Being a small island that literally has no independent natural resources per say to rely on for sustainability over the next 20 + years one would "jump at the possibility" to be a part of a Better Bermuda Energy Plan that will benefit our children and their children etc.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Janíka S. Roberts

Jeffrey Franklin 5 Spice Hill Close Warwick WK02 Bermuda 441-504-3548 mfranklin@bhs.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Encourage electricity conservation and the efficient use of electricity

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jeffrey Franklin

Michael Desilva 24F Bostock Hill West Paget PG02 Bermuda 441 532 2531 michaeldesilva@me.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction
  in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We are surrounded by the resources to supply Bermuda with the majority if not all of its energy needs.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Michael Desilva

Jennifer Gracie 166 Somerset Road Sandys MA02 535-8058 jennegracie@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is the most self-reliant option for Bermuda and will allow us to reduce the amount of money that is ejected from our economy from importing oil. I am also shocked to hear that with Belco's plan we would be at the bottom of the pack of Caribbean nations in terms of the amount of renewables we would be using. Bermuda is better than that and we pride ourselves on being one of the most developed, resourceful and innovative nations in our region and I wouldn't want that to be jeopardized!
- I also fully believe, trust and support the team that have developed this plan and know they are fully invested in ensuring Bermuda's future energy generation is secure, reliable, efficient and what is best for Bermuda and our future generations.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process and do hope that we choose to be on the right side of history, humanity, the environment and our ability to be more self-reliant. I would love another opportunity for us all to be proud of our country and our leaders!

Yours sincerely, Jennifer Gracie

Jessica Petty
8 Burgess Point Road
Warwick
WK04
Bermuda
(617) 794-4275
jessica.petty@richmond.edu

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

*30 November 2018* 

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is progressive and consistent with the ideals of the future, we must protect our island and our environment in whatever means necessary

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jessica Petty

Jessica Rawson 15 Skroggins Hill Southampton SB02 Bermuda (441) 703-6352 jescarv@yahoo.ca

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November, 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jessica Rawson

Mrs Nicol Tear
31 Kelland Circle
Whalewatch
Warwick WK 10
441 234-5108
nptear@icloud.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mrs N Tear

John Adcock
Unit 2 72 Spanish Point Road
Pembroke
HM 02
Bermuda
337-0626
johnadcock91@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses a mixture of mature technologies that are used around the world in commercial use in other jurisdictions
- Has been developed using detailed and transparent assumptions and methodologies.
- Please see my personal response supporting the Bermuda Better Energy Plan on the following pages....

The following questions posed by the RAB and their related answers will be mainly relating to the Bermuda Better Energy Plan (BBEP) and where necessary will refer to the original BELCo IRP individually or other IRP proposals collectively.

## 1. Are there any provisions in the Alternative Proposals that should be modified? Please include any reasoning and evidence in your answers.

Provisions should be made for the inclusion of disaster recovery plan(s) for each technology/electricity generation source provided in the Alternative Proposals. Each source is susceptible to unique failures during catastrophic events such as significant hurricane winds and flooding from rain, storm surge and 'king tides' from warm eddies in the Atlantic, which Bermuda will expect to see more often with sea temperature and sea level rise. Provisions should also be made to increase energy efficiency across the board, in residential and commercial applications to reduce the overall energy consumption of the island. The more efficient Bermuda can be, the less resources we will need to harness and the less need we will have to invest in newer, larger scale power facilities which bear the most cost. Energy efficiency is the 'lowest hanging fruit' because strategies (financial and otherwise) can be implemented by the government, RAB and/or the utility to not only encourage but facilitate the decommissioning of old, inefficient appliances/lights/equipment in homes across the island. A study should be conducted to determine the extent of these inefficient items and this data could be used to inform a scheme which could replace all old appliances (eg. 10-15years or older, depending on the study) within an optimum timeline (eg. 3-4years, depending on the study).

A focus and absolute necessity should be placed on this scheme because it will reduce Bermuda's overall consumption and decrease electricity costs for Bermudians as a whole. Strategies such as this have been proven by companies in other jurisdictions, including Twenty First Century Utilities which offered to purchase BELCo recently and would have implemented such a scheme if successful.

# 2. Do you have any comments on whether including the Alternative Proposals in the IRP would result in an electricity supply that is more consistent with the purposes of the EA and Ministerial directions (e.g. least-cost provision of reliable electricity)?

The purposes of this Act include the following, namely, to seek-

- a) to ensure the adequacy, safety, sustainability and reliability of electricity supply in Bermuda so that Bermuda continues to be well positioned to compete in the international business and global tourism markets;
- b) to encourage electricity conservation and the efficient use of electricity;
- c) to promote the use of cleaner energy sources and technologies, including alternative energy sources and renewable energy sources;
- d) to provide sectoral participants and end-users with non-discriminatory interconnection to transmission and distribution systems;
- e) to protect the interests of end-users with respect to prices and affordability, and the adequacy, reliability and quality of electricity service;
- f) to promote economic efficiency and sustainability in the generation, transmission, distribution and sale of electricity.

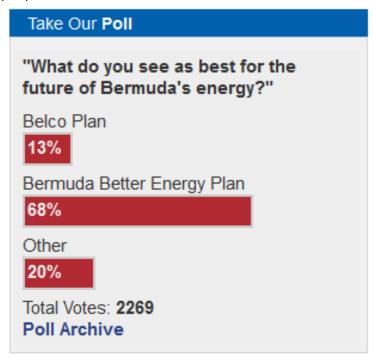
Including the BBEP in the IRP (or ideally, using it as the baseline IRP) would result in an electricity supply that is consistent with the purposes of the EA because it 'ticks all the boxes', whereas the BELCo IRP does not.

Having a mixed energy supply would enable Bermuda to be less susceptible to external fluctuations in fuel prices caused by uncontrollable variables such as political instability, lack of or changing fuel source etc. This stability is crucial for the sustainability of Bermuda's economic pillars, tourism and international business. International businesses currently and increasingly have charters which dictate where they can locate based on renewable energy factors and if Bermuda invests in an LNG plant, it makes the country that much less competitive and compelling to locate here, notwithstanding the already high electricity prices and potential for increasingly high prices that LNG will inevitably offer.

No matter how optimistic or conservative the projected LNG fuel prices are in the BELCo IRP, they are simply not predictable. Bermuda would be exposed to the will of external factors if committing to LNG technology, whereas when Bermuda commits to renewable technologies (wind and solar) we commit ourselves to an exact amount of debt/cost which is known at the time of investment/construction because the fuel is free- that is the beauty of renewable energy. Wind is free, sunshine is free; therefore the predicted 'cost' of fuel is \$0. Because the price of renewables is fixed and predictable it protects the interests of end-users with respect to prices and affordability etc.

It's incomprehensible and irresponsible to invest in technologies with unpredictable fuels costs over technologies with predictable fuel costs and incomprehensible why Bermuda would ever choose such in the 21<sup>st</sup> Century, when the entire planet is at risk of environmental catastrophe and therefore moving towards a renewable energy future across the board.

The BBEP has overwhelming support from the community and the people should be taken seriously. If reliable renewable energy and less foreign fossil fuel is what Bermuda wants, it's what Bermuda should get. Individual and corporate interests should not be put above the people.



3. Do you have any comments on the technology proposed in the Alternative Proposals, including whether such technology is in commercial operation in another jurisdiction?

All technologies in the Better Energy Plan I support are mature and proven in numerous other jurisdictions around the world and this is incontrovertible.

I would take it one step further and say that development and advancements in wind and solar technologies happening now will be available and deployable in the initial ~5year time frame (by 2022) referenced in the BBEP (proposed for offshore wind and solar) and original IRP (proposed for LNG). This infers that the technologies will be more efficient, stronger, have greater energy output for the same or cheaper cost.

### 4. Do you have any additional views on the assumptions, assessment methodology, and conclusions set out in the Alternative Proposals?

What this all really comes down to is a safe and clean environment, clean air, clean drinking water, clean fishing/swimming ocean water, more affordable electricity, more efficient use of electricity; all which is offered by the BBEP. The BELCo IRP does not offer these as there are significant risks to health both from those who breathe the air and drink the water in Bermuda but also for those near and downstream to where LNG is sourced through fracking and other dangerous/hazardous means. We would not only continue to put ourselves at risk with an LNG plant but we would continue to put those at risk and will continue to contribute to the disenfranchisement of 'invisible' communities, unrecognized and far removed from Bermuda. A new LNG plant would require transportation of fuels and this comes with significant risk to health, wellbeing and even life.

To make it absolutely clear: I do not want LNG in Bermuda. The people do not want LNG in Bermuda. Let's do the right thing and not introduce LNG to Bermuda. There are proven and clear other ways to develop resilient power generation that would benefit Bermuda other than this risky, potentially dangerous and limiting fuel source known as LNG.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

John Adcock

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30<sup>th</sup> 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

Having read the submitted IRP proposals in full, I believe that the Bermuda Better Energy Plan proposal best fulfils the objectives set out in clause 6 and clause 42 of the 2016 Electricity Act, and provides the best and most appropriate vison as to the future of Bermuda's electricity supply.

It is abundantly clear that renewable energy technologies such as solar photovoltaic and wind are well suited to our geographical, social and economic requirements as a country. It is clear that the adoption of these technologies on a much greater scale than they are currently is fully consistent with the purposes of the Electricity Act, namely:

- a) To ensure the adequacy, safety, sustainability and reliability of electricity supply in Bermuda so that Bermuda continues to be well positioned to compete in the international business and global tourism markets;
- b) To encourage electricity conservation and the efficient use of electricity;
- To promote the use of cleaner energy sources and technologies, including alternative energy sources and renewable energy sources; to provide sectoral participants and end-users with non-discriminatory interconnection to transmission and distribution systems;
- d) To protect the interests of end-users with respect to prices and affordability, and the adequacy, reliability and quality of electricity service;
- e) To promote economic efficiency and sustainability in the generation, transmission, distribution and sale of electricity.

I believe the proposal put forward in the Bermuda Better Energy Plan is more consistent with these requirements than BELCO's IRP proposal in a number of critical areas.

I am concerned that the IRP proposal submitted by BELCO underestimates both the volatility and increases in LNG fuel costs over the study period, and largely ignores renewable technologies in favour of LNG fuelled generation.

John Russell – jswrussell@gmail.com 16 Windwood Crescent, Pembroke HMo6

While LNG fuelled generation is a modest improvement over fuel oil in terms of emissions, it would not lead to an improvement in the safety, sustainability and reliability of Bermuda's electricity supply. Converting over to LNG would be a hugely capital-intensive endeavour that does nothing to isolate us from volatile fuel prices. Neither would it improve on our current situation in which the national capital outflow from purchasing fuel amounts to tens of millions of dollars a year.

LNG does not have an envious safety record, with numerous incidents, including large scale leakage events and explosions occurring in facilities around the world. Many of these occurrences have taken place at US and Canadian facilities, where tough safety standards and strict regulation of regasification facilities were seemingly insufficient to prevent these events from happening. In light of these events, I believe it is hard to argue against the conclusion that switching to LNG fuelled generation would in fact be a retrograde step in safety for the entire country.

The safety issues surrounding an LNG regasification plant were not discussed whatsoever in BELCO's IRP proposal. There was no mention of critical details such as how the local emergency services would almost certainly require additional training and equipment to deal with the new challenges of dealing with LNG related incidents. Nor was there any mention of the size of the required evacuation area around the regasification facility, or proposed LNG pipeline in the event of a leak. It is absolutely critical that these safety issues be addressed, and from BELCO's IRP proposal, it seems that they have been given little to no attention.

Large scale local renewable generation capacity would undoubtedly improve the safety, sustainability and economic efficiency of Bermuda's electricity supply through the application of existing, mature technologies in commercial use in other jurisdictions.

In conclusion, I support the Bermuda Better Energy Plan as I believe it to be the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity, using existing, tested, commercially available technologies. It provides clear and convincing evidence that renewable energy would ensure the adequacy, safety, sustainability and reliability of electricity supply in Bermuda, while stabilising energy costs, insulating us from the effects of fuel price volatility, and reducing national capital outflow, keeping more money in the local economy. Crucially, it is clear that the Bermuda Better Energy Plan is credible, comprehensive, and has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

John Rosell

John Russell

### John Wadson Marechaux Cottage 3 Salt Kettle Road Paget, PG01

Email: john.m.wadson@gmail.com Tel: 705.4400

November 28, 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton HM11, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses proven technology that is in commercial use in other jurisdictions, including small, isolated communities such as ours.
- Has been developed using detailed and transparent assumptions and methodologies.
- Promotes a mix of electricity generation solutions providing generation competition, which
  in a normal market, will promote efficiencies leading to cheaper pricing to consumers.
- Mixed generation reduces the reliance on any one source thus reducing the risk of disruption from the failure of a single source.
- Mixed generation takes advantage of natural resources freely available to us, sun and wind, and therefore positions us to be less dependent on fossil fuels markets leading to cost stabilisation and reduction.
- Allowing the development of generation outside of BELCO's fossil dependent plan will provide jobs opportunities in industries and technologies, proven, but new to Bermuda in any meaningful scale.

- Reduces the ongoing export of foreign currency for the purchase of fuels thus leaving more in the local economy.
- Will promote a wiser and flexible approach to generation and use of electricity.
- Will engender and demonstrate a National, corporate responsibility to Bermuda's residents and show Bermuda as a responsible Global Citizen.
- Will provide a cleaner environment for our residents and make us more attractive to visitors from more polluted places.
- Will make our island a healthier place to live.

The future of Bermuda will be impacted greatly by the decisions resulting from this process and I truly hope that we take the enlightened path forward.

I appreciate your review and consideration of my response and I look forward to learning of the final decisions of the IRP consultation process.

Yours sincerely,

Mhlalon

From: <u>Jonathan Marion</u>
To: <u>Electricity</u>

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 3:07:56 PM

Jonathan Marion
20 Green Bay Road
Hamilton Parish
P.O.Box FL 407
Bermuda
441-293-8081
jawmarion@hotmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda 10 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Bermuda's future energy policy must be set by socially responsible action that attempts to reduce the extremely high cost of electricity and to continue the island's commitment to the public's good health and stable living at affordable prices in step with the world's dramatic movement towards clean energy. The Bermuda Better Energy Plan is consistent with these objectives, the Belco Plan is not.

Thank you for your time in reviewing my response, I look forward to learning of the final

outcome of the IRP consultation process.	Please provide writi	ten confirmation this was
received.		
Yours sincerely,		

Jonathan Marion

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

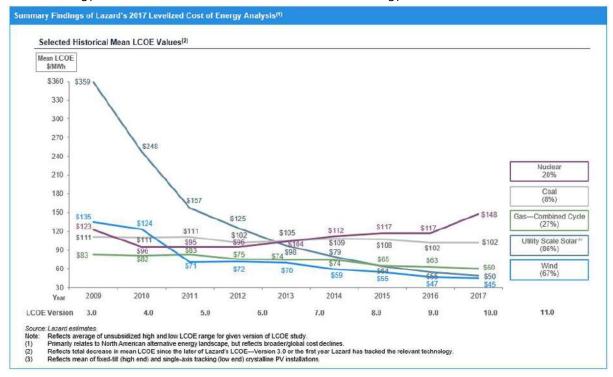
30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

The chart below from Lazard's Levelized Cost of Energy Analysis shows historical cost levels from various energy sources. The trend in the cost of renewable energy sources is clear.



Source: https://www.lazard.com/perspective/levelized-cost-of-energy-2017/

BELCO's IRP would tie Bermuda's energy production to natural gas for the foreseeable future and this seems particularly short-sighted. It can be hard to predict the impact on fossil fuel prices should market supply and demand change due to attitudes towards climate change. Renewable sources may end up giving Bermuda more cost certainty than relying on the market price for imported natural gas. Despite our small size, moving to cleaner sources of energy production would send a strong message that we take seriously the many threats posed by climate change.

I support a plan that quickly places more emphasis on cleaner renewable sources of energy. The Bermuda Better Energy Plan submitted by BE Solar, appears to be a more sensible approach as this plan:

- Is consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Jonathan McBeath

From: Jorge Springmuhl
To: Electricity
Subject: Better energy plan

**Date:** Thursday, November 29, 2018 5:38:42 PM

Guatemala 502 5510 6227 jesguatemala@gmail.com

Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

22 Nov 2018

#### **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Become more self sufficient from imported resourses..

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Jorge Springmuhl

Jorge Springmuhl

Joshun Stovell
117 South road
Warwick
WK10
Bermuda
333-0762
jjsstovell@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

I personally am in support of the Bermuda Better Energy Plan submitted by BE Solar because it makes so much sense. While the cost of fuel is predicted to rise no matter what fuel type you use, the cost of renewables is predicted to continue to fall over the next 10 years. As for the environment in my opinion there isn't any argument as to which is better for the health of our planets inhabitants and also the health of our planet. Another thing is that Belco's plans to continue to invest in old technology will negatively affect Bermuda's economy because people will continue to invest in renewables regardless of what plan is chosen which goes against the investments that Belco currently has plans to make. No matter what decision the powers that be make the future is the use of renewables so why choose a plan that goes contrary to the rest of the world. Not that the world is always right but in this case it seems like the right way to go.

The only reason that counts against the Bermuda Better Energy Plan submitted by BE Solar is the cost of upgrading Belco's grid. I say that but I don't really mean it. No matter how you invest

investments still have to be made. That's why one of the main reasons Belco's excuse for not including more renewables in their preferred plan doesn't make sense. In an article in the Royal Gazette, the opinion of Dennis Pimentel said that more renewable capacity could be added to the mix and that in the future most likely will be, but that the cost of adding it would require expensive upgrades to Belco's grid. The future of electricity production is obviously renewables, so why not make the change now? Belco's grid has been in need of an upgrade for a long time but instead of making an investment in in the future the preferred plan looks to invest in old technology. In the same article in the Royal Gazette there is a list of the energy of the U.S is generated is currently produced. Why not compare Bermuda energy generation to that of other island nations and/or how they produce energy or have plans to produce energy in the future? Under Bermuda's preferred plan the IRP calls for 5-10 percent renewables by 2038. By 2030 Haiti, Jamaica, Martinique, St. Vincent and Cayman all want to have above 40 percent of their energy generated by renewables.

Why would I want to pick a plan that puts my country to be so far behind every other country? If the only reason is that my already high electricity bill is going to go up more and then eventually decrease over the next 20 years I would take it because that is how important I consider the future of my island, I'm willing to invest in it.

Thank you for your time in reviewing my response, please take it seriously. I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Joshun Stovell

The Snellings Ardsheal House, 3 Ardsheal Drive Paget PG06 Bermuda

Telephone: 441 5056131

E-mail: jsnelling@canterburylaw.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29th November, 2018

Dear Ms Lister,

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is backed by highly educated professionals with PD degrees whom I trust.
- For all the reasons given in Glenn Fubler's excellent letter to the RG.
- Because I care about my kids and the environment, they will live in in the future which cannot continue to depend on fossil fuels.
- Because we are a small wealthy island that should be leading the way in environmental change.
- Because the other Caribbean countries' % goals for a sustainable future are what we should be emulating.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Snelling Family** 

Nic, Juliana, Hannah, Josh, Jude and Nate

Julie Steele
"Endsmeet House"
172, Middle Road
Devonshire FL02
Bermuda
(441) 537-0303
juliesteele@me.com

30<sup>th</sup> November, 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- The BBEP complies with directives given to the RAB by the Minister and the Electricity Act 2016 much more effectively than the BELCO IRP. Least-cost, reliable electricity supply through various resources has been fully discussed within the BBEP. It is the only proposal that effectively seeks clean, safe and sustainable sources of electricity supply. Diversifying Bermuda's energy portfolio also allows an opportunity for nondiscriminatory interconnection to transmission and distribution systems, as directed by the Electricity Act 2016.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Sincerely,

Julie Steele

Karen C. Skinner 12A Paget Close Paget PG 05 BERMUDA 236-8313

Email: kskinner@logic.bm

Ms. Monique Lister Regulatory Authority Bermuda 1st Floor, Craig Appin House 8 Wesley Street Hamilton

November 26, 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We must do all we can to be responsible with the environment and one of the ways in which we can do that is to use renewable energies which are sustainable, reliable and much cheaper.
- Our oil dependence leaves us vulnerable to shifts in oil prices. This places a heavy burden on government and Bermuda's citizens. This also impacts our tourism industry since hotels are paying high operating costs for electricity for air conditioning and ice making. Lowering the cost for energy will help us to be competitive in the tourism marketplace.
- Our island home is also most vulnerable to the effects of climate change (rising sea levels, higher temperatures and increased natural disasters from changing weather patterns (e.g. hurricanes).
- Also, some Caribbean jurisdictions have chosen ambitious plans to transition to renewable energy. Bermuda should be doing the same.

Overall, renewable energies are a win-win for everyone!

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

KAREN C. SKINNER

Kathleen Romatowski
Upper Dorset, 12 Whitney Avenue
Pembroke, Bermuda
Hm 13
Bermuda
441-705-8273
Kathleen.romatowski@saltus.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Renewable energy is the way forward. Bermuda, as I am sure you will agree is one of the most picturesque and beautiful places on earth. We have a duty to protect the product we sell, and I believe a more diverse energy profile, with a larger portion of renewables as part of the portfolio is good for business in Bermuda. Going forward, offshore businesses may choose to go to places like Cayman which are similar in economic benefit but offer customers the satisfaction of knowing they are operating in a region with a higher percentage of renewable energy in their own energy portfolio.

Lastly, the understanding and acceptance of climate change is only gaining momentum; we in Bermuda should recognize this and be proactive and commit to being part of the climate change solution.

Tourists and businesses alike can feel good about what we do here in Bermuda, which is only good for Bermuda. Furthermore, Bermuda needs to be protected for Bermudians and those living in Bermuda. The benefits of the reefs are enjoyed by many: fisherman, snorkelers, residents for the additional protection against wave action. Warming temperatures only damage the reef, so we are directly influenced by the impacts of climate change, and thus should do what we can do decrease our influence by reducing our burning of fossil fuels.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kathleen Romatowski



Your name
House/apt number and street
Town, Parish/County
Postcode
Country
Telephone
E-mail

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Please sign or print your name here

Kathy Highe 15 Second Avenue Pembroke HM 20 Bermuda (441) 704-7562 khighe@live.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Could put Bermuda on the forefront of the climate change movement by becoming the
  first territory/country in the world to become predominantly "green/sustainable" setting
  the bar for the world to follow. Consequently, this plan would create a more affordable
  economy for residents/businesses and become an eco-tourism draw. Bermuda has the
  infrastructure and intellectual pool to make this plan a reality.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

٠,					- 1	
Υ	$\Omega$ I	ırc	SIL	nce	r۵	l۱/
	$\sim$	,,,	211	-		ιу,

Kathy Highe

From: Keilyn Lightbourn
To: Electricity

Subject: POSSIBLE SPAM - Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 4:58:35 PM

Keilyn Lightbourn 2 Mcgall's Hill Court Smith's FL 05 734-3293

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 30th, 2018

### Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is ultimately the best plan for Bermuda's future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Keilyn Lightbourn Sent from my iPhone

Kendaree Burgess 39 Pitts Bay Road, Pembroke HM 06 Bermuda 441 705 3204 Kbfmangrove@mac.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The BBEP builds successfully on what we have, it provides for a cleaner safer way forward and does not jeopardize the stability of our power.
- I am opposed to a BELCO long term commitment obgligating the next generation to using technology and fuels that are damaging to the enrironment and one that may relegate Bermuda to having a dangerously high carbon foot print per capita.
- I am opposed to BELCO's lack of commitment to use higher levels of renewable energy.
- I do not beleive that the BELCO plan provides for future growth in the renewables area where this BBEP does.

Thank you for your time in reviewing my response, I look forward to learning of the final

outcome of the IRP consultation process.

Yours sincerely,

Kendaree Burgess

Kennita Perry #2 Sandycroft Lane Southampton SN 02 Bermuda 239-4125 ken.nita@hotmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 28, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kennita M Perry

### Kevin R. Horsfield P. O. Box 626 Warwick WKBX Bermuda

### horsfield@northrock.bm 799-6668

30th November 2018

Ms. Monique Lister Regulatory Authority Craig Appin House, 1st Floor 8 Wesley Street Hamilton

Dear Ms. Lister.

I am writing to submit my response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- · Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- · Has been developed using detailed and transparent assumptions and methodologies.
- . The BBEP offers a flexible approach to power generation within which an Integrated Resource Plan can be modified as and when advances in technology allow for changes in approach.
- · Using renewable energy will increase public health.
- · Using renewable energy will diversify our energy supply and make Bermuda energy independence.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Anglish ! Kevin R. Horsfield

Kiera Fields
5 Deepwood Drive
Pembroke
HM05
Bermuda
2953253
kierafieldsbda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30th, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

#### I support it because:

- Action must be taken in any way possible to reduce Bermuda's impact on global warming, as
  a young person my future and the future of the island I call home is at risk because of our
  habits of consumption this is a major step in reducing Bermuda's carbon footprint and
  promoting real positive change within the community of Bermuda
- This would be visible and influential change in Bermuda's position on energy consumption and inspire our community to become more aware of their impact on the environment – the government must lead by example

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kiera Fields

Kurt Repose
7 Verdmont Drive
Smith's
FL02
Bermuda
+14413331213
kurt@repose.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The Bermuda Better Energy Plan also considers the long-term impacts on the future of our island. In 20 years the price of fossil fuels will be steadily increasing, meaning that the average Bermudian will be paying more for the same amount of electricity meaning some families will not be able to afford to power their homes.

The global climate has already reached a record 1°C warmer and we are on track to hit 1.5°C warmer temperatures. If we do not stop contributing to this increasing temperature we will begin to permanently damage our ecosystem. For example, our beautiful coral reefs which are the home for hundreds of different species will begin to bleach and become a wasteland. This would take away one of Bermuda's most beautiful attractions from tourists and locals which would be devastating for most. In addition, as we have already seen in the United States and the Caribbean, powerful hurricanes are occurring more frequently each year and wreaking havoc due to increasing global temperatures. We have been extremely fortunate to not have been hit by any up to this point, but there was the close encounter with Hurricane Florence which flooded much of the Carolinas. We are at great risk of these

storms, storms which are far more powerful than Hurricane Fabian was. If something isn't done soon we will be having to prepare for these monsters each year and risking the lives of the 65,000 who call our island their home.

The Bermuda Better Energy Plan also considers introducing new work for locals and help boost the economy. In 2017, the National Museum of Bermuda fitted many panels which meant BE Solar hired new workers to take on the massive task of installing all these panels. If this was done on a nationwide scale, many Bermudians out of work can find themselves a job.

This plan will not only result in how we produce power, but it will also define where we stood as a nation when our children look back on this time. I hope that the RAB comes to the right conclusion for the next 20 years. Thank you for your time in reviewing my response, I look forward to learning of the outcome of the IRP consultation process.

Yours sincerely,

Kurt Repose

Kyla Smith 16 Cobbs Hill Rd Warwick PG 01 Bermuda (441) 236-1435 kylansmith87@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Acknowledges that the cost of wind and solar is forecast to reduce while the cost of LNG is very volatile and has a very real potential to rise.
- Explains that economic costs will skyrocket with continued reliance on fossil fuel importation! LNG will put us further into debt as high electricity costs will drive international business elsewhere.
- Will keep more money in Bermuda with stabilized energy prices.
- Takes into account the state of our planets climate crisis and supports the movement of cutting down carbon emissions significantly. The BELCO's IRP does not propose cutting emissions down for the next 20 years, when the IPCC report that recently went public states we NEED to make these MAJOR cuts NOW.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kyla Smith

Kyle Dunn 19 Hill Crescent Pembroke HM02 Bermuda 1-441-305-2698 kyle.dunn.85@qmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

11 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- This plan reduces our reliance on fossil fuels, which carries economic and environmental benefits, including long term reduced energy costs and reduced carbon emissions. I believe carbon emissions represent humanities greatest threat to future generations, through acceleration of adverse climate change and we should be acting with future generations, not only ourselves in mind.
- Bermuda has the natural resources to be leader in renewable energy generation.
- The world is moving towards renewable energy, it is important not to be left behind as a country and to demonstrate to the world Bermuda takes progressive solutions.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kyle Dunn

Kyoto Burchall 67 South Road Paget PGo3 Bermuda 441-535-7867 Kjm.burchall@hotmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I believe in a greener, more sustainable energy source that will not only benefit our island, but the world, collectively, as well as our future generations.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Kyoto Burchall

Kyra Dunstan 10 Pokiok Crescent Smith's, FL05 Bermuda kyra.dunstan@live.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Demonstrates that Bermuda is committed to being environmentally efficient and sustainable, which can assist with efforts to boost eco-tourism.
- As a member of a household that uses solar energy, I am a strong believer that renewable energy is the way of the future and has the biggest impact in reducing the global carbon footprint.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Kyra Dunstan

#### Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Laura Fosker 3 Fractious St Hamilton Parish CR04 Bermuda

November 20th, 2018

Regulatory Authority of Bermuda 1st Floor Craig Appin House, 8 Wesley Street, Hamilton HM11, Bermuda

Dear Sir or Madam,

I am writing to you as a concerned citizen regarding the twenty-year energy plan recently put forward by BELCO. As the rest of the world moves forward into a future using cleaner and more affordable renewable energy sources I was alarmed to see that BELCO proposes a plan that continues to be highly reliant on fossil fuels. On reviewing the Electricity Act 2016 it is disheartening that BELCO does not seem to take much if any of the environmental considerations to heart in their proposal.

Having recently read the Better Bermuda Energy Plan I was impressed to see that it is consistent with the Electricity Act 2016 in many ways including: Sustainability, Safety, Adequacy, Conservation and Efficiency and Affordability.

The Regulatory Authority of Bermuda needs to accept alternative views to those put forward by BELCO, who ultimately have a vested interest in our energy future. More time and thought be put into alternatives, including the Better Bermuda Energy Plans.

Thank you for your consideration.

Sincerely,

Laura Fosker

laurafosker@gmail.com

441 707 1332

Laura Lyons 11 Caithness Drive Sandys SB 01 234-1204 Imlyons@northrock.bm

30 November 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

For the last nine years, UN Environment have produced an assessment of the latest scientific studies on current and future emissions of greenhouse gases. It highlights the difference between the level of greenhouse gas emissions that the world can sustain to keep temperatures within safe limits, with the levels that are likely based on the promises and actions taken by countries. This year the report indicates CO2 emissions rising for first time in four years - we're not doing enough. Bermuda can't fix it but we can certainly tackle this without relying on fossil fuels and LPN. I want Bermuda to spend less on energy imports, use the resources available locally, and majorly reduce our carbon emissons.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- in line with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity
- provides convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy
- · uses proven technology that is in commercial use in other jurisdictions
- has been developed using detailed and transparent assumptions and methodologies
- will reduce carbon emissions by 62% compared with our current emissions

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Lem.

## Laurie Orchard 17 Pitts Bay Road Pembroke HM06, Bermuda 441-295-0664 / laurie\_orchard@msn.com

30 November 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is well aligned with the purposes of the Electricity Act and ministerial directions for the lowest-cost provision of reliable electricity
- Provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy
- · Proposes the use of technology that is already in commercial use in other jurisdictions
- Has been developed using detailed and transparent assumptions and methodologies
- Provides a more sustainable long-term plan for Bermuda's energy production

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Layrie Orchard

Lee Ann Cardell Unit 4, 62 Morgan Road Warwick PG01 441-705-5336 Lcardell18@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- There are so many better options available to us in Bermuda. Why would we even consider old school energy models, especially in this day and age of climate crisis.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Lee Ann Cardell

Caroll

Lilla Zuill The Moorings 31 Harbour Road Paget, PGo2

30 November 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton

Dear Ms Lister

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar for the following reasons:

- Proposes to use predominately renewable energy resources over time and positions
   Bermuda for long-term sustainability in contrast to the Belco plan which relies on imported non-renewable energy sources (fossil fuels);
- Appears to be most consistent with the purposes of the Electricity Act and ministerial directions in developing cleaner and cheaper energy for Bermuda and Bermudians;
- Increasing reliance on renewable energy sources without the risk of market price fluctuations;
- The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy;
- Uses technology that has proven reliable for commercial use in other jurisdictions; and
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

ALilla Zuilla Zuilla Zuilla

Lily Outerbridge
Broad Reach, 14 Spanish Point Road
Pembroke Bermuda
HM01
Bermuda
292 7140
lily.outerbridge@fidelisinsurance.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- This plan offers a more sustainable solution than other proposals

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Lily Outerbridge

Linda Counsell

10 Devonshire Bay Rd.

Devonshire

DV07

Bermuda

297-1305

Lindaj\_counsell@yahoo.ca

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

26 November, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am most concerned about the environmental impact of any IRP with a business as usual attitude towards locking Bermuda into the continued use of fossil fuels, with its resultant contribution towards climate change.
- The Etude study commissioned by BE Solar compares greenhouse gas emissions between 5 energy sources. They are Waste to Energy (1000gCO2eq/kWh), Oil (900gCO2eq/kWh), LNG (600gCO2eq/kWh), Solar (35gCO2eq/kWh), and Offshore Wind (8gCO2eq/kWh).
- The Intergovernmental Panel on Climate Change 2018 was commissioned to give a summary on the impacts of global warming of 1.5degC above pre-industrial levels. This study indicates that the planet will have reached this level between 2030 2052, if greenhouse gas emissions continue at the current rate.
- The effects to Bermuda include rising sea levels with resultant flooding and damage to infrastructure, an increase in the number of hurricanes affecting us seasonally, changes in marine biodiversity (such as warm water corals), fisheries and ecosystems that serve humans, food security and water supply.

- The Bermuda Better Energy Plan indicates that by 2037, 64% of Bermuda's energy would be supplied by solar and wind. The majority of the remaining energy would be supplied by LPG (liquid propane gas, a non greenhouse gas emitter) which has double the heating efficiency
- (2490 BTU's/cu. ft.), compared with LNG (liquid natural gas, a greenhouse gas emitter) which has a heating efficiency of 1030 BTU's/cu. ft.)
- This seems to be a turning point for Bermuda where environmentally responsible decisions can be made. Otherwise we lock ourselves into a volatile fuel market, where 70% of each Bermudian's energy bill pays for fossil fuels, a non renewable resource. Progress and change happen slowly but the right decisions must be made at key moments in history, by the government in power and its appointees. This is one of those moments.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Linda J Counsell

Lisa Lacey 3 Highwood Lane Paget PG 05 Bermuda

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

After reviewing the two proposals put forward to the Regulatory Authority I would like to express my complete support for the Bermuda Better Energy Plan submitted by BE Solar.

I whole-heartedly support the BBEP for the following reasons:

- Factors in future generations of Bermudians by looking for cleaner means of generating electricity.
- This would diversify our reliance for energy generation away from our current single use model.
- · The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Appears to have been developed based on actual case studies and inputs from other jurisdictions that are moving in a more progressive and environmentally sustainable direction.

I would be grateful if you could please take into consideration the above when making a decision on the IRP Bulk Generation Proposals before the Authority.

Cla lla

Lorissa Peters 2 Admiral Walk Southampton SN01 Bermuda

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Lorissa Peters

Lucia Kempe
85 Harbour Road
Warwick
PG 01
Bermuda
1-441-536-7300
Luciakempe@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- BELCO has been a monopoly for too long and is more concerned about the needs of its shareholders rather than the needs of Bermuda.
- We need a completely fresh approach to our energy needs which we will not get from the current provider.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

LUCIA KEMPE

Marvelyn S Rogers 8 Friswell's Road Pembroke HM15 Bermuda 1-441-703-2563 mr6399@yahoo.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost
  provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can
  deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable
  energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Marvelyn Rogers

Margaret Boyd Frith In-the-Tank 20 Kantcida Point Lane St. George's DD 01 441-297-1805 peggyf@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals. The future dependence on fossil fuels in this plan is not looking forward for Bermuda's economy and the well being of its environment . Sustainable sources of renewable energy must be a major part of any plan for the future.

For this reason I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Margaret B Frith

Marian Lines
31 Mill Shares Road
Pembroke, HM05
Bermuda
(441) 295-9518
marianlines49@gmail.com
30 November, 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and
  convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Bermuda has excellent solar and wind resources. These are cleaner energy sources that are sustainable and reliable.
- Potentially a savings in energy costs in our homes.
- Using our natural resources will make us more energy self sufficient.
- Enhance our reputation as an environmentally responsible country.
- I have concerns about any plan that would bring LNG to Bermuda. It seems it would
  be incredibly expensive, and have possible safety issues. Also, I think fracking comes
  with its own concerns.

Thank you for your time in reviewing my response. I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Marian Lines

Mrs Marian Sherratt
9 The Grove, 2 Town Hill Road
Smiths
FL 07
Bermuda
441 293-2316
m.sherratt@sorcos.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am concerned about the environment cost of LPG gas production water consumption being just one element – as well as transportation costs that consume fossil fuels.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Marian Sherratt

#### **Mark Pickering**

5 Woodstock Hill Paget PGo6 Bermuda

Telephone: 535 0782

E-mail: markpickeringbda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

You will likely be aware of the recent public demonstrations and media that have surrounded the issue of global warning. We need to unite globally in respect of this initiative and to a large extent this issue relates to domestic energy consumption. We must support every initiative to reduce our carbon footprint as an island nation and I do not see how Belco's LNG plan supports a measured and sustainable approach for the future. We must embrace the change and rely on the sustainable resources that we have and incentivise people to make the change to sustainable energy means.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Mark Pickering** 

#### Vanessa Hardy Pickering

5 Woodstock Hill Paget PGo6 Bermuda

Telephone: 705 5208

E-mail: vanessahardypickering@hotmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Vanessa Hardy Pickering

Dylan Pickering

5 Woodstock Hill Paget,PGo6 Bermuda

lanbana ----

Telephone: 535 0782

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

I am a 9 year old Bermudian boy who attends Saltus Grammar school. I really care about the environment and want Bermuda to be more environmentally friendly in its approach to power generation. I think that we definitely have the technology to be more sustainable and using the wind and solar power. I am the future of Bermuda and I want to see this change. Please take this message seriously.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Dylan Pickering

#### Tyler Pickering

5 Woodstock Hill Paget PGo6 Bermuda

Telephone: 535 0782

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

My name is Tyler Pickering and I am 7 years old. I am a Bermudian and I attend Saltus like my brother. I care about animals and the environment and I want us to be supportive of change to use wind and solar energy. I recently supported Keep Bermuda Beautiful in lieu of Birthday gifts from my friends.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Tyler Pickering

Mark Robinson

1 Zuills Park Drive

Smiths
FLo6

Bermuda

441 532-9070

mark@robinson.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Will showcase Bermuda as example and global leader in sustainability which will provide many benefits outside of reduced cost burden for fossil fuels.
- Reduces our reliance on the foreign nations for energy security as well as insulate Bermuda from the volatility of fossil fuels pricing.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mark Stearns 9 Vickers Bay Road Devonshire, DVo9 441-535-6309 mmsbda@transact.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

28 October 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Bottom line is we need a change and has to involve renewable energies and storage.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mark Stearns

Mark Wong
9 Harvey Hill Rd
Devonshire
FL01
Bermuda
441-300-3388
mkmwong@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Bermuda needs to open its thinking in this manner by adopting the Bermuda Better Energy Plan and by inviting well-developed and cost-effective, clean-power technology now from the foreign-owned private sector to participate alongside Belco to reduce our electricity costs. Bermuda's future energy policy must be set by socially responsible action that aims to reduce the extremely high cost of electricity and to continue the island's commitment to the public's good health and stable living at affordable prices.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mark Wong

Matthew T Carr
3 Oleander Square
Devonshire DV 07
Bermuda
m. 531-2136
matthewthomascarr@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

18 November 2018

Re: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I have evaluated the two proposals put forward to the Regulatory Authority and would like to express my robust and unequivocal support the Bermuda Better Energy Plan submitted by BE Solar (the "BBEP").

I robustly support the BBEP as this:

- Moves our country away from an unhealthy dependence on commodity prices outside of our control.
- · Factors in future generations of Bermudians by looking for cleaner means of generating electricity.
- · Diversifies reliance for energy generation away from our single utility model.
- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the leastcost provision of reliable electricity.
- The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Appears to have been developed using detailed and transparent assumptions and methodologies and based on actual case studies and inputs from other jurisdictions that are moving in a progressive and environmentally sustainable direction.
- Is in line with the United Nations Sustainable Development Goal No.7 targeting the move to more affordable and cleaner energy by 2030.

Thank you for your time in reviewing my response, please feel free to contact me directly any time if you would like to discuss my views as they related to the consultation documents, consultation more generally and or the outcome thereof. Please do take into consideration the above when making a decision on the IRP Bulk Generation Proposals before the Authority.

Yours sincerely,

Matthew T Carr

Matthew Jones
42 Mill Shares rd
Pembroke
Hm 05
Bermuda
1-441-707-2753
Captain Matthew Jones

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30th 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- If we actually consider the circumstances of the island we live on, we could be a shining light in
  the area of renewable energy that would then make us more attractive as a tourist
  destination to the younger generations. Which is wise as the older generations have a bad
  habit of dying...
- Which raises the issue of future generations, do we want future Bermudians growing up on an island burning imported fossil fuels, or generating their own alternating current via long term, low cost, renewable energy sources. Cost is always a matter of time. I could buy a \$20 pair of sunglasses, but they would only last me a month. I would then have to buy 12 pairs a year, it would be cheaper to buy a \$200 pair of sunglasses that last me five to ten years, hell, imagine a pair of sunglasses where all you have to do is a little cleaning and maintenance every now and then and they last forever. This is the choice we make everyday as Bermudians, we choose to buy a single \$20 pair of sunglasses every month because those are the cheapest sunglasses to buy while totally ignoring that time is even a factor. We could buy a pair of sunglasses with an unlimited warrantee, they would just have to get fixed and cleaned every now and then, but no, \$200 is too much to spend up front. By not harnessing the wind, sun and tide, we have access to we are costing ourselves millions upon millions of dollars, if we look at it in the long term, 50-100 years. But no, the top brass at Belco will be dead by then, so will everyone else alive, so who gives a shit? Your great-grandchildren will. They will curse your name.

Thank you for your time in reviewing my response, I	I look forward to learning of the final outcome of
the IRP consultation process.	

Yours sincerely,

Matthew Jones

Melanie Barnett
28 Cambridge Road
Sandys
MA02
Bermuda
441-238-4406
Barnett1@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

27 November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Melanie Barnett

Melissa Field 5 Spice Hill Close Warwick WK02 Bermuda 441-504-3548 mfranklin@bhs.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear
  and convincing evidence that renewable energy can deliver a substantial reduction
  in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Promotes the use of cleaner energy sources.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Melissa Field

Meredith Head
P.O. Box CR 109
Hamilton Parish
CR BX
Bermuda
441 705-4721
perfumegardens@transact.bm

Monique ListerMere Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 30th 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.

Macol

- Has been developed using detailed and transparent assumptions and methodologies.
- Gives Bermuda an opportunity to do something positive to help address the Climate Change concerns as outlined in the lasts IPCC report.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Meredith Head

# Michael Harvey In a Garden 2 Tuckers Town Road St. Georges Parish

28 November 2018

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Adoption is essential to reduce pollution and fight climate change.
- This decision will impact many generations of Bermudians. Retaining a fossil fuel based energy plan is a step backwards. We must embrace the opportunity to move forward to a cleaner and healthier energy generation plan for the benefit of the younger generation.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Michael Harvey

504-0080: mharvey@amc.bm

Michael .

Michael R Morris 5 Portland Lane, Sandys, MA04 Bermuda 4415376390 riosierra2000@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- · Uses resources that are locally available and sustainable
- Will provide a healthier and cleaner enviornment for future generations
- Lower energy cost
- Provide job opportunities for Bermudians
- Ultimately to become totally independant from the use of fossil fuels & help to reduce the effects of global warming

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Michelle Rafferty
Aldie , 5 Aldie Drive
Smiths
FL02
Bermuda
Tel: 704 7233

michelleandchris@northrock.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 October 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We need to focus on clean, green sources of power to protect our Island and this planet.
- We need alternatives to expensive fossil fuels.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Michelle Rafferty

Your name
House/apt number and street
Town, Parish/County
Postcode
Country
Telephone
E-mail

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Please sign or print your name here

Naphisa Smith
5 Sunset Pass
Pembroke
HM03
Bermuda
441 292 4275
violinsisters@yahoo.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Lessens our dependence on fossil fuels. It is more sustainable than the BELCO plan and has our future in sight. Fossil fuels will eventually run out so we need to start using renewable resources.
- Reduces the amount of carbon emissions cause by burning fossil fuels.
- Reduces the concentration of pollutants in the air.
- Will create jobs because people will be needed to maintain the wind turbines and to help instal solar panels.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Naphisa Smith

Natalia Linkova 10 Arlington Drive Smiths Parish/ Bermuda FL02 Bermuda +14417057787 nlinkova02@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Gives Bermuda a chance to become more self sufficient which is obviously a very desirable position to be in regardless, but is also important in the context of depleting resources worldwide.
- Gives Bermuda residents a chance to decrease their expenses on electricity which currently are outrageously high and make no sense given we have a possibility of solar powered energy almost 365 days a year (even countries like Germany enjoy over 30% electricity coming from solar we have much more sun in Bermuda hence

- could in theory have a much higher solar energy production decreasing our cost significantly!)
- It is unhealthy that we have Belco enjoying monopoly on electricity production. And while this might not change completely, it is very healthy to introduce other players to the market competition brings creativity and new edges which all benefit us, Bermuda residents!
- Using cleaner energy will make our air cleaner and put Bermuda on the map of the conscious and affluent traveller the kind that we need more of in Bermuda as opposed to those arriving on cruiseships not caring much about the island or island's ecology. In fact, I think Bermuda still has a chance to be a clean air/ energy role model/ destination with electric cars starting to populate the island roads (obviously solar energy availability and effordability which will be a direct consequence of this plan being accepted will make people choose electric cars much more!) etc......

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Natalia Linkova

Laura Amaral
9 Mariners Lane
Pembroke
HM 02
Bermuda
735-8623
lauraamaral@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Jeffrey Amaral 9 Mariners Lane Pembroke HM 02 Bermuda 735-8623 Jeff@conrads.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Nicole Amaral
9 Mariners Lane
Pembroke
HM 02
Bermuda
295-7017
nicole.amaral@mcgill.ca

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Nathan Amaral
9 Mariners Lane
Pembroke
HM 02
Bermuda
705-1999
nathan.amaral@dal.ca

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the
  least-cost provision of reliable electricity. The plan provides clear and convincing evidence
  that renewable energy can deliver a substantial reduction in carbon emissions while stabilising
  energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Northan Shung

Nelle Lightbourn 888 Tremont Street #9 Boston, MA 02118 USA 973-722-0321 nellelightbourn@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Is important to the legacy of my father, who was a Bermudian environmental engineer and dedicated his life to bringing clean energy and sustainable practices to the island.
- Supports that there will be no LNG terminal built in Bermuda

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Nelle Lightbourn

Mrs Nicol Tear
31 Kelland Circle
Whalewatch
Warwick WK 10
441 234-5108
nptear@icloud.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Mrs N Tear

Nicola Murray-Mason
Cedar Mews
27 Between The Walls
Pembroke
HM 06
Bermuda
7046004
nlines@ibl.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

27 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Nigel Chudleigh
3 Somers Hill Road
Hamilton Parish
FL04
Bermuda
293-0128
n.chudleigh@icloud.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Appears to minimise the use of fossil fuels as far as is practicable. This is desirable for environmental, cost and foreign exchange reasons.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Nigel Chudleigh

Oliver Riihiluoma
Ha'Penny House, 22 Scaur Lane
Sandys
MA06
Bermuda
(650) 644-7811
oriihiluoma@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Would take Bermuda from a dominantly fossil fuel burning country to a balanced sustainable
  energy future that the island, and it's residents, can be proud of. As a small island we are in a
  unique position where the economics are favourable and we are particularly susceptible to
  the negative effects of global warming so it's in our best interest to set an example for the
  rest of the world.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Oliver Riihiluoma

Orla Gregory
Tempest Haven
1 Dill Lane
Devonshire, Bermuda
(441) 305-1433
Orla.gregory@enstargroup.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- uses technology that is in commercial use in other jurisdictions.
- has been developed using detailed and transparent assumptions and methodologies.

Yours sincerely,

Orla Gregory .

From: Pamela Flood Electricity To:

Subject: Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Date: Thursday, November 29, 2018 12:16:15 PM

Pamela L Flood

#7 Old Maids Lane,

St.George, GE05

Email: xsh2o@northrock.bm

Tel: 5185030

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
  Uses technology that is in commercial use in other jurisdictions.
  Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Pamela L Flood

Peggy Yang
Upper Apartment 9 Harvey Hill Road
Devonshire
FL 01
Bermuda
441-707-7888
Peggy.yt.yang@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I believe this must be the way forward to assist in combating climate change and global warming for future generations of Bermuda

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Peggy Yang



# The St. George's Foundation

Bringing Bermuda's History to Life within the UNESCO World Heritage Site

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, HM 11

27th November, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the leastcost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Recognises that Bermuda has excellent solar and wind resources. Using them could keep millions of dollars a year in the local economy.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Peter Frith

General Manager

Peter Miller
4 Laurel Lane
Paget
DV04
Bermuda
2368195
pmiller@logic.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We must be sure that the plan is forward thinking and for the benefit of all the people of Bermuda and not just the commercial interests, I fully support the letter from Jan Card in the Royal Gazette on the 27<sup>th</sup> November 2018 which succinctly sets out the issues.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Peter Miller

Philip J. Dyer Jr 19 Ingham Vale Road Pembroke West HM04 Bermuda 704-9209 oneiric33@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29, November 2018

# **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Support my household as it is in the process of establishing the usage of solar energy privately and would like to see the same if not better opportunity for fellow residences.
- Is directly in alignment of forward planning and development that is better now than later for cost efficiency and focus away from fossil fuel dependency.
- Will be closer towards fulfilling the international goal of the global Paris Agreement and landmark of the Science-Based Target initiative, which is a collaboration between the CDP, the United Nations Compact, the World Resources Institute and the World Wide Fund for Nature. The plan drives innovation therefore opportunities for our community and domestic structure will mature.

• Support other individuals with the outlook for a better energy alternative. Overall, the need to inform the general public of this alternate choice for current and future generations to the needs of growing civilians.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Philip J. Dyer Jr.

Phoebe Heslop 12 Middle Road Devonshire, Bermuda DV03 Bermuda

441 293 7535 But I am at University you can reach me at 6478089987

15pdh1@queensu.ca

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I support this plan as we need to take a step a country in the right direction to create a more sustainable future. We need to move on from this toxic and self-destructing ways of burning fossil fuels and more to a more eco- friendly long-term approach. This plan would have to be made in the most environmentally friendly way in terms of putting the wind turbines on sand patches and not drilling into the reefs. I support this movement and hope it goes through.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

\ /	•	
Your	since	reiv.

Phoebe Heslop

Raschid Alami-Merrouni
3 Kilderry Lane
Smiths
FL 02
Bermuda
595 4612
raschalami@gmail.com

16 November 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Provides an alternative instead of simply perpetuating the current problematic model.

Thank you for your time in reviewing my response, Llook forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Raschid Alami-Merrouni

Ravi Pachai 1A Devon Heights Road Devonshire DVo8 Bermuda

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Moves Bermuda in the right direction in terms of generating electricity in a more sustainable way.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincere	ly,
---------------	-----

Ravi Pachai

From: Rebecca Cottingham

To: <u>Electricity</u>

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 4:25:57 PM

Rebecca Cottingham

#6 Cedars Drive

Paget,

PG02

Bermuda

533-0202

yogaflowbermuda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda 30 November 2018

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- We're running out of time to save our planet, let Bermuda help be a part of the solution rather than adding to the devastation of our earth.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Please confirm receipt of this email.

Rebecca Sarah Cottingham

Rebecca Holloway
Unit 85 Harmony Close
Paget
PG 03
Bermuda
441-734-3468
Rebecca\_kate.holloway@yahoo.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I want to be able to not worry as much about the future of our environment

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Rebecca Holloway

Richard Wallington 15 Middleton Lane Paget PGo3 Bermuda Richw323@hotmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 29 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- The current reliance on other jurisdictions for 100% of our power supply is a risk, in addition to a sole provider such as Belco.
- I have personally installed solar power and the knowledge that I am using natural and renewable resources to power my house is fantastic to the environment.
- I understand that renewables cannot be 100% reliant for all our energy needs and believe the Belco and/or other providers should only be a back-up to the use of renewable energy.
- As it is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am always impressed with environmentally friendly implemented products by other countries. Denmark has an island entirely run on renewable energy, while Scotland produces more wind power than it consumes selling electricity back to the UK.
- Allowing Bermudians to invest and use solar will create installation and maintenance jobs, improve the quality of our lives and increase the amount of money kept in Bermuda, rather than buying fuel.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Richard Wallington

Robert Platt 22 Mizzentop Warwick, WK06 Bermuda

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28th, November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It removes the need for LNG (Liquified Natural Gas) fuelled generators and the required degasification plant, either off-shore or on land, along with all the associated risks to people and the environment.
- It avoids Bermuda becoming locked into using fossil fuels for at least the next twenty years.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Robert Platt** 

From: robin anderson To: info; Electricity

Subject: Bermuda better energy plan

Thursday, November 29, 2018 10:32:06 AM Date:

> Robin Anderson 37 Bostock Hill East Paget PG02 Bermuda 799-2206

Robin.anderson.bda@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street

Hamilton, Bermuda 29 November *2018* 

# **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- the cost of living in Bermuda is astronomical and we need to think about the future generations to come. Also the volatility on gas an oil prices and what is going on in the global market will

dictate future energy prices...we can produce this locally!

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process. Please provide written confirmation that you have recieved this email.

# Robin Anderson

Southampton, Bermuda SN01 4415241313

Roger.Titterton@outlook.com/Elizabeth.Titterton@Gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister.

W am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

We support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

We further support the adoption of innovative solutions to decrease our footprint on the negative forces related to global warming. The introduction of some competition/other players in the market is exactly what Bermuda needs at this time as the status quo will only protect itself from all players other than itself. We also believe that allowing innovation in a low risk environment will be great for Bermuda and for our reputation generally. The BE Solar plan innovates and yet uses proven technology. Let's bring our power generation into our own hands and at least try to follow the rest of the world, or lead if possible. It is time for the established BELCO to welcome and work with BE Solar to make this a success. Change must be accepted to truly benefit Bermuda.

Thank you for your time in reviewing my response, we look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Roger James Titterton

Elizabeth Anne Titterton

Roland A G Lines
31 Mill Shares Road
Pembroke, HM05
Bermuda
(441) 295-9518
lines.roki@gmail.com
30 November, 2018

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan (BBEP) submitted by BE Solar, for the following reasons:

- This plan is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- The BBEP plan uses technology that is in commercial use in other jurisdictions.
- It has been developed using detailed and transparent assumptions and methodologies.
- Bermuda has excellent solar and wind resources. These are clean energy sources that are sustainable and reliable. We should take advantage of them.
- Using our clean natural resources will make us more energy self-sufficient and will enhance our reputation as an environmentally responsible country.
- I have concerns about any plan that would bring LNG to Bermuda. It seems it would be very costly for what should be a short-term solution, and there may be potential safety issues related to the delivery by ship, storage, and distribution to the generating plant. Also, I am concerned about the world's use of hydraulic fracturing (fracking), which, I understand, is the source of LNG.

Thank you for your time in reviewing my response. I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Roland A G Lines

Michael Ryan Sommerville
67 St David's Rd
St George's
DD 01
Bermuda
441-518-5837
ryan.sommerville@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Represents Bermuda's contribution to recognizing the future challenges of climate change and this is a positive step towards preparation and mitigation for the island.
- Shows that Bermuda is a responsible nation.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

M. Ryan Sommerville

Alexandra Watt

2 Williamshome Dr., West Apt.
Warwick WK08
Bermuda
(441) 504-6404
sandras@technologist.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 29, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I enthusiastically support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Gives Bermuda the opportunity to shine as a destination that is current with the times, and environmentally conscious, setting an example for other locales to follow.
- Greatly reduces reliance on import of foreign fuel, which will likely only increase in price, and continue to drain money from Bermuda's economy.
- Reduces the monopoly that BELCO currently has on energy production.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

S. Watt

Skye Graham-Welton
43 Wreck Rd
Sandys
Sb01
Bermuda
+14412345219
Sg999@georgetown.edu

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Skye Graham-Welton

Sonia Whayman
29 Stokes Point Road
St Georges
GE 01
Bermuda
441-333-3004
Soniawhayman@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30th November r 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I am interested that the next generation of residents of Bermuda are not left with the burden of OLD technology for our energy/electricity.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

May

Yours sincerely,

Sonia Whayman

Bermuda Concerned Resident

Stephanie P. Sanderson & Peter Sanderson

PO Box HM 2026 Hamilton HMHX Bermuda 4415059006 stephaniepaiva @gmail.com

ATTN: Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton HM11

29 November 2018

## **RE:** Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

Please accept this submission as a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

We have serious concerns about the Belco proposal which relies heavily on fossil fuels, a non-renewable resource – something our island should be moving away from. Bermuda should be aiming to be a leader in renewable energy, energy resources that meet the criteria of affordability, sustainability and security of supply. Competitor jurisdictions are already working towards ambitious renewable energy goals.

Renewable energy should be supported and is the way of the future. We must be forward-looking, particularly when it comes to effects on the environment, for the sake of future generations. From a practical perspective, it is also likely to be beneficial for Bermuda to put in place some competition in the energy sector which could lead to increasing jobs for Bermudians.

We support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions
  for the least-cost provision of reliable electricity. The plan provides clear and
  convincing evidence that renewable energy can deliver a substantial reduction in
  carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for the opportunity to provide feedback on this important topic. We look forward to hearing further regarding the IRP consultation process.

Yours sincerely,

Stephanie P. Sanderson and Peter Sanderson

Stephanie Kyme # 3 Woodbourne Crescent Pembroke HM08, Bermuda 295-4949 wekyme@ibl.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

25 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the leastcost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilizing energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is absolutely shocking to see that Bermuda is falling behind the rest of the world, particularly island countries like us, in the world of renewable energy and the future of the next generation. If we do not accept a plan considering wind and solar energy, but solely consider nonrenewable resources, we are threatening the environment, safety of the people of Bermuda, and most of all our position in the playing field of international business for years to come which will greatly affect Bermuda's market and tourism industry. We must look forward in a way that benefits all, not just some. Please consider how choosing renewable resources will benefit Bermuda's residents, investors, and tourists.
- On a personal note, we currently live near BELCO on Woodbourne Crescent, and have noticeably seen the difference in living close to our energy plant and the negative effects on our home. If there is even a slight possibility in reducing the soot and poor air quality caused by fuel energy, then we have yet another reason to support the Better Energy Plan.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process. Kindly confirm that you have received this letter regarding such a concerning matter.

Yours sincerely,

Stephanie Kyme

Stephen Bath
5 Relative Row
Paget
DV04
Bermuda
707-1326
Bath.stephen@qmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Reduces our reliability on non-renewable energy
- Reduces reliance BELCO's on power provisions to the island post natural catastrophes

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Stephen Bath

Steven Boyce Unit 3, 1A Devon Heights Road Devonshire DVo8 Bermuda 747-9371 stevenboyceo2@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

25 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar for the following reasons:

- Bermuda has excellent solar and wind resources. I believe strongly that we should be using these local resources to keep millions of dollars in our local economy instead of sending this money abroad to pay for polluting fossil fuels.
- Using our own solar and wind resources gives Bermuda an increased level of energy independence and more resilience to market fluctuations in the prices of fossil fuels. The price of wind and solar energy is low and prices can be set in Bermuda.
- This plan helps Bermuda pivot away from the technologies of the past that pollute our island and planet. By adopting the Bermuda Better Energy Plan, Bermuda will play its part in tackling global climate change.
- This plan is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides clear and
  convincing evidence that renewable energy can deliver a substantial reduction in carbon
  emissions while stabilising energy costs through clean renewable energy.
- This plan uses proven technology that is in commercial use in other jurisdictions.
- The plan has been developed using detailed and transparent assumptions and methodologies.

• This plan gives Bermuda the opportunity to demonstrate global leadership in the fight against climate change. This would help promote Bermuda as an attractive destination to visit and do business.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Steven Boyce

## RESPONSE TO CONSULTATION DOCUMENT: CPMMENTS ON IRP BULK GENERATION PROPOSALS

I would like to support the Bermuda Better Energy Plan for the following reasons:

- 1) In order to ensure the adequacy, safety, sustainability and reliability of electricity supply in Bermuda, the use of solar and wind energy combined with energy storage and LPG offer a safe, sustainable and reliable solution.
- 2) Electricity conservation and efficient use can be achieved by reducing use by as much as 30%.
- 3) The promotion of cleaner energy sources and technologies can be provided by renewable energy from the sun and wind.
- 4) In order to keep the cost of electricity down while still providing adequacy, quality and reliability the use of solar and wind power are the least cost sources, are stable and can be set by Bermuda.
- 5) By the use of solar and wind power, millions of dollars can go into the local economy instead of being spent overseas.

The escalating and unpredictable cost of electricity is of great concern to me as a user and for many in Bermuda who are unable to meet the existing high costs.

Bermuda is innovative in the field of technology and can be an example to the rest of the world how we can meet the needs of the population while still maintaining safe and cost effective methods.

Many new jobs can be created in the field of renewable energy which will be a boost to the economy.

Most importantly the reduction in the use of fossil fuels, which contribute to the carbon dioxide in the atmosphere and are a direct cause of global warming is vital to our survival and to that of the entire world.

Susan Riihiluoma Ha' Penny House 22 Scaur Lane Sandys, MA 06 441 505 8318 Sueriihi@gmail.com

Monique Lister Regulatory Authority

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- The Fourth National Climate Assessment released last Friday 23 Nov by the US Global Change Research
  Program reports from the data produced by 13 US Federal institutions that we must take steps now to avoid
  disaster for our future generations -

#### 4. Actions to Reduce Risks

Communities, governments, and businesses are working to reduce risks from and costs associated with climate change by taking action to lower greenhouse gas emissions and implement adaptation strategies. While mitigation and adaptation efforts have expanded substantially in the last four years, they do not yet approach the scale considered necessary to avoid substantial damages to the economy, environment, and human health over the coming decades.

The BBEP best supports the recommendations here to help reduce the *Substantial damages to the economy,* environment, and human health over the coming decades. While we are not the United States and our reductions will not be as significant as changes in a large country as the US I feel it is a global responsibility that we all do what we can to protect our global home.

Yours sincerely,

Susan Rihiluoma

From: <u>Suzanne Johnson</u>

To: <u>Electricity</u>

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

**Date:** Friday, November 30, 2018 2:01:34 PM

Suzanne Johnson 11 Crest View Rd. Smiths FL 07 Bermuda 441-734-8296 suzij@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda 30 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Helps to keep Bermuda dollars in Bermuda by using our abundant solar and wind resources.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, Suzanne Johnson

The Outerbridges 10 Tankfield Lane Paget PG06 Bermuda

Telephone: 441 537 0623 E-mail: outerbridge@logic.bm

Ms. Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29th November, 2018

Dear Ms. Lister,

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan;

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- For all the reasons given in Glenn Fubler's excellent letter to the RG.
- Because we care about our kids and the environment they will live in in the future which cannot continue to depend on fossil fuels.
- Because we are a small wealthy island that should be leading the way in environmental change.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Outerbridge Family

Suzi, Conor and Amy

Tara Cassidy
#5 Bridge St
St. George
GE05
Bermuda
1.441.705.2787
Tara.cassidy.bermuda@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda
26 November 2018

## Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is the most logical choice to position ourselves toward the direction of self sustaining electricity. Allowing our electricity flow and costs to ultimately be regulated by a shifting and unpredictable global market is unwise and will hit the average Bermudian worst of all.
- Societies of the past that failed to live cohesively with their environment, biological
  or economic, have failed. Bermuda is on the cusp of that which could ruin us.
  Choosing to rely on a global market with damaging fossil fuels that are transported
  here via more fossil fuels would be absurd. Especially when there is a viable
  alternative.

- Belco's plan supports corrupt international capitalism and environmental degradation made easier by the Trump administrations EPA roll backs. Bermuda would pay out to these corrupt sources for a non renewable resource that we can never own or control the price of. The Better Energy plan would support localized economy and keep a greater portion of funds on island, with the added bonus of the resource paying itself off eventually, giving us complete control over pricing.
- Some of the most successful nations in the world have moved toward renewable resources because they know it is an economically viable, long term investment for their country's future. Bermuda should follow suit.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Tara Cassidy

Taran Card 15 Harrington Sound Rd. Smith's FL07 Bermuda

+1 441 537 5222

taran.card@gmail.com

Response to Consultation Document: Comments on IRP Bulk Generation Proposals

To whom it may concern:

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

It is the stated intent of Government in the energy act to provide the least cost energy future for Bermuda, I believe that the Bermuda Better Energy Plan, submitted by BE Solar is much better in this regard than the BELCO plan:

- The BELCO plan will lock the island into 20 years of fossil fuel usage at ever increasing cost. Cost to the environment and, more immediately and importantly, cost to the Bermuda public.
- If the BELCO plan is chosen there will be zero reason for BELCO to modify their model to anything more than running internal combustion engines to generate electricity. I accept that in the near term there will be a need for BELCO to supply base and night time load, however, the pace of technology in this area makes betting on yesterdays technology for the next 20 years a fool's bet.

The Bermuda Better Energy Plan utilizes technology that already has a substantial history of implementation in other jurisdictions. I believe this is the best option for Bermuda:

- We need to be investing in systems that will be able to grow and adapt to changes over a 5 year period, not lock us into systems that will be obsolete before they are even paid off. The Bermuda Better Energy Plan is modular and diverse. It allows us to invest in new areas of energy productions as they become commercially viable.
- While I will accept that LNG is an established technology and is a more
  environmentally sustainable fossil fuel than heavy fuel oil; I would also like to
  state my extreme misgivings in having that kind of infrastructure in BELCO. I
  have been involved in BELCO professionally over the years and am aware of

the safety culture in the plant. In my opinion, currently, there is not a sufficiently robust safety system in place in BELCO to make operating an LNG system safe for the workers or the public.

The assumptions, assessment methodology, and conclusions laid out in the Bermuda Better Energy Plan are transparent.

- If anything; both systems assume a very conservative view. Specifically, the amount of energy required for consumption within Bermuda will decrease under the BELCO plan because more and more as households will realize the potential savings of going totally off grid, under the BELCO plan; the cost of energy will remain high and can only increase with fuel price, while the cost of solar PV installations is decreasing all the time as is the cost of battery technology for home use. We are already seeing this decrease in demand, what will happen if we invest in the huge infrastructure requirement of the BELCO plan, only to see more and more users go off grid? The cost to the remaining users can only increase to compensate.
- I also believe they are taking a risk in assuming the cost of LNG will remain low over the next 20 years and beyond. The EU is stating publically that, in order to keep the world temperature rise lower than 2degrees, the EU must aim to be carbon neutral by 2050.
  <a href="https://ec.europa.eu/clima/policies/strategies/2050\_en">https://ec.europa.eu/clima/policies/strategies/2050\_en</a> As more and more countries realize this necessity; The likelihood of increased "carbon taxes" and their associated effect on fuel prices will inevitably be felt. The net effect of this will be yet higher electricity prices for Bermuda consumers.

Another area that I believe is important to consider is a "Smart" Grid. The grid infrastructure in Bermuda is embarrassingly antiquated and vulnerable to disruption. Emphasis needs to be placed on this area. This will allow for increased efficiencies and arrangements such as:

- Off-peak electrical pricing- this will push loads away from the peak times that drive the energy production requirement.
- Lower rates for users who agree to the allow the grid utility to lower their load. Practically, this could mean that you hook up your water heaters to a circuit in your switchboard that the utility can turn off. When the load gets high the utility can turn off all of these users' water heaters in the middle of the day rather than generating more power. This is obviously more efficient but BELCO will NEVER voluntarily put such arrangements in place because they make the money from generating the power. This must be required of our infrastructure in the future.
- The Bermuda Better Energy Plan pre-supposes that the grid will need to evolve in order for the other provisions of the plan to be put in place. This is another reason that I believe this plan is the best choice for Bermuda.

Thank you for your time.

Sincerely Taran Card

J. Tarik Christopher
Lower Apartment East, 1 Fiddlewood Drive
Warwick
Wk 08
Bermuda
(441) 232 2436
Tarik.christopher@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

26 November 2018

### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- A more significant mix of wind, solar and fossil fuels with provide Bermuda with
  more Reliability and resilience. Wind and solar are less prone to large-scale failure
  because they are distributed and modular. Distributed systems are spread out over
  a large geographical area, so a severe weather event in one location will not cut off
  power to an entire region.
- Bermuda dry spells and possible water scarcity is another risk for non-renewable power plants. Diesel and many natural gas plants depend on having sufficient water for cooling, which means that severe droughts can put electricity generation at risk.

Wind and solar photovoltaic systems do not require water to generate electricity and can operate reliably in conditions that may otherwise require closing a fossil fuel-powered plant. This will assist with resiliency into the near and longterm.

 Strong winds and sunny skies can each provide a vast and constantly replenished supply of energy which does not need to be imported and costs nothing. As long as there are storage facilities, which should be implemented in any upgrade to our energy infrastructure.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

J. Tarik Christopher

Natasha Clipper Meridian, 8 Hibiscus Lane Pembroke, HM 20 Bermuda 441-536-1106 tashclipper@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is the right thing to do for our environment and for our future generations.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Natasha Clipper

Thomas E C Miller, 8 Westwood Lane Paget PG05, email: tecmiller006@gmail.com tel 232 2447

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

November 30, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Along with a colleague, I have made enquiries of the BE Solar presentation to get more information on the assumptions and process used so that I could gain an understanding that there "Better Energy Plan" is realistic. I trust that you as the regulator will do the same

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Thomas E C Miller, FCPA, CPA

J. Travis Burland Lower Apt 44 East Shore Rd. Sandys MA 02 Bermuda travisburland@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

30 November 2018

# Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

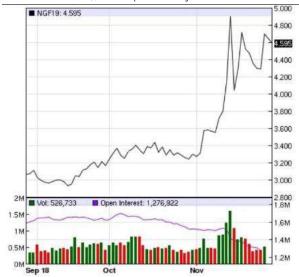
I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that clean renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs.
- Uses proven technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Outlines that a sensible plan with appropriate rate structures and policies could allow not
  just Belco, but all Bermudians to build equity within the renewable energy sector together.
  This could create a more diverse and robust energy network and greater distributed wealth
  and benefit throughout individual households and the general community.
- Supports the greater sustainability of Bermuda and creates a statement on our role to combat climate change. Bermuda possesses stunning natural assets, our island is an incredibly attractive place for both locals and visitors to appreciate and preserve. Bermuda is a very small country but is at the forefront of the direct effects of climate change. Our island, and the RAB in particular, has the power and ability to make necessary changes in the energy sector to move Bermuda towards a position where we could very seriously lead by example. We are not too small and insignificant to make a difference, we can be a part of the spark that can ignite the positive changes we want to see, and help inspire others and improve our country's optics.
- Provides a framework and direction for a significant implementation of renewable technologies in combination with energy efficiency improvements.
- Identifies that renewable energy systems and battery storage systems will continue to reduce in cost, more and more citizens will likely upgrade their homes and businesses. This

ultimately will cause these consumers to utilize less energy from the existing utility. As this movement continues, if an oversized or inflexible energy plan is implemented, it may result in increased energy costs for those who can least afford to upgrade.

- Shows that committing to a new, large scale LNG power plant and respective infrastructure for Bermuda has the potential to become significantly redundant in a short period of time.
- Demonstrates the risks of committing to a volatile energy resource we have no control over. Current Belco fuel adjustment rates have fluctuated significantly over the past 10 years, providing unpredictable energy costs to Bermudian homes and businesses. Just yesterday (29th November 2018), LNG prices skyrocketed over 40%.



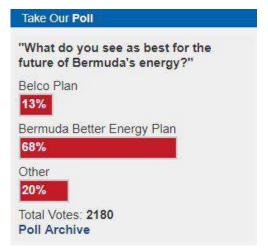
- It reinforces that the cost of fuel for renewable energy systems is free, and unaffected by fossil fuel supply or rate instability.
- It provides far greater resiliency through distributed energy sources, rather than a single, centralized plant.
- It is heavily supported by the local community. The BBEP has been publically endorsed by Greenrock, BEST, The Bermuda Underwater Exploration Institute (BUEI), The Solar Energy Association, and the Emperial Group. Further private endorsements have been provided by current and former Belco staff members, independent overseas experts, independent local economists and business leaders, Bermuda Government and Opposition Members of Parliament, senior citizens, senior, middle and primary school students and esteemed members of the general public from all walks of life.

I'm sure the RAB has already witnessed this directly with other submissions regarding feedback on the IRP Bulk Generation proposal.

Please see links to articles and polls below for further reinforcement of this support:

http://www.royalgazette.com/letters-to-the-editor/article/20181127/belcos-short-sightedness-is-unforgivable

http://www.royalgazette.com/opinion/article/20181120/ten-days-to-make-our-voices-heardon-future-of-bermudas-energy



Royal Gazette Online Poll results (9am Nov 30th 2018)

• Is aligned with respected financial reports providing similar foresights on energy. Please see the recent report from Deloitte, one of many examples of shifting global trends in favour of renewable energy:

 $\underline{https://www2.deloitte.com/insights/us/en/industry/power-and-utilities/global-renewable-energy-trends.html}\\$ 

Additionally I encourage you as our energy regulator, to consider not only the optimal financial benefit in your conclusions, but also value and seriously consider the magnitude of the environmental impact of your ultimate decision.



Photo Credit: Steven Masters

As an island, let us be inspired by our Caribbean brothers and sisters who are embracing this opportunity. Island countries Aruba, Jamaica, TCI, BVI, Bahamas and Cayman have set forth very sensible plans to integrating renewable energy with their respective traditional energy providers. Many of these country's leaders and policy makers provided great feedback, access to resources, and inspiration at the recent 2018 Bermuda Energy Summit.

Furthermore, we should be greatly encouraged by the engagement with the Rocky Mountain Institute, a world respected outfit that has successfully help to transition to renewable energy in numerous island nations. We should also heed their warning of the risks of implementing LNG derived energy, specifically within small island states.

The decision for BE Solar to pursue the BBEP was ultimately inspired by the untimely death of a mentor to both Stuart Kriendler and myself. Bermudian Barrett Lightbourn was a professional engineer and true energy pioneer in Bermuda, who unfortunately passed away in July 2018. Stuart and I met and ultimately decided that BE Solar would fund the creation of the BBEP and engage Etude, in the honor of our mentor and great friend Barrett.

Barrett was a major asset to Bermuda, and his skills and expertise are sorely missed throughout this current IRP process. We trust his legacy will live on through the positive works of the BBEP, and his inspiration to drive us and our team to help make Bermuda genuinely a better place for all of our people, and future generations, to benefit from.

My personal and BE Solar's support of the Bermuda Better Energy Plan is in the genuine best interests of our island's future, and we reiterate how much we sincerely appreciate all of the hard work the RAB has put in to date. I understand this situation has caused additional strain on the RAB's staff, but please understand that we only wish for Bermuda and Bermudians to have a fair voice in the process, and the ability to have their voices heard on both the BBEP, other alternative plans, and the plan proposed by Belco that would ultimately see the existing status quo maintained.

The urgency of the situation is that many of our people would not be aware of, or understand the consequences of Belco's IRP direction, if adopted, until it is too late.

We trust that your judgments prevail with the best benefits to Bermuda, and thank you for your serious consideration in helping to shape the direction of Bermuda's energy future.

As our energy regulator, your role in providing fairness and integrity as we innovate these necessary changes with our existing utility is so crucial to the future of so many.

We trust that you and the RAB team will be constantly reminded and inspired by your own slogan: 'Fairness, Innovation and Integrity'

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

J. Travis Burland

Trevor J. S. Rawson B.A. 15 Skroggins Hill, Southampton, Bermuda SBO2

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Nov 28th, 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

In my opinion Bermuda is currently lacking in its ambition to compete with global powers in the race for energy efficiency and the adoption of renewable energy resources. As a finite land mass which is consistently exposed to potential energy, it is a mystery that Bermuda has twiddled its thumbs in its ability to harness the ever-available, free, and renewable energy such as solar and wind. BELCO's plan to dig Bermuda a deeper hole furthering its reliance on fossil fuels by importing LNGs is an outrageously unnecessary move that degrades the socio-economic community locally and internationally.

It is clear why the continued reliance on fossil fuels is seemingly a simple route to travel as it follows the similar framework as the current model: import, burn, generate energy and distribute. This is derived from a few key notes. The established trade relationships which bring the fuel to the island take multiple years to develop and find the best possible routes. The workforce from the engineers that manage the combustion, physical distribution and emergency maintenance to the administrators that bring the energy to each home and business. The legislation that is developed to ensure the distribution of the energy benefits both the consumer and the supplier fairly. Introducing yet another fossil fuel will bring with it a form of economic ease and comfort in the community in some ways. Many aspects of adding LNGs to Bermuda's fuel source can follow BELCO's current economic framework within their business model. Of course, this benefits BELCO but the repercussions for the community extend much further than economic.

Once installed and operational, the emissions alone from the combined fossil fuel combustion becomes an embarrassing environmental statistic for Bermuda when compared to on the global

emission standards. Given Bermuda's unique environment that we fight so hard to conserve, we should not only be considering alternative energy resources, but striving to be a leading example of how a small community can deplete they're reliance on fossil fuels to minimal levels. Given the technological advances that have been made in favour of renewable resources and the availably of access to high quality home resources which can be imported readily through from our neighbours to the west through well-established trade routes, Bermuda has no excuse for its laziness in implementing renewable technologies. We have seen with most technologies, as the quality and availability increase with time, as do competitors and supply, therefore prices tend to fall e.g. cell phones. In the long term, the home solar panels of today, for instance, have great absorption and efficiency ratings and are available for high in prices but five years from now that will change. It is expected advances in solar technologies will become available with prices likely to be high, but those on today's market will be widely available and likely drop in price. This should eventually begin to drop energy prices as a whole in the future.

On the contrary, fossil fuels prices will only continue to rise due to the finite availability as a mined resource. This will push any international business away from locating in Bermuda when they cannot afford the light bill. Especially when Bermuda's sister countries in the Caribbean have decided to incorporate renewable resources into their economy today and increase their utilisation in the future. When the future price gap sets Bermuda's cost of living much higher than that of our competing countries, they will sit with open arms waiting for the businesses to relocate. Afterall, they are only chasing the best offer overall which includes their ability to use air conditioning affordably.

Having the options of different alternative energy sources gives Bermuda some room to grow, analyse, and find a balance between using multiple sources. Over the next twenty years, some of these resources may become obsolete quickly and others may dominate the market based on popularity or energy efficiency. Investing upwards of \$100million into an LNG project on the other hand, ensures that our dominant energy resource will be fossil fuel based for the next fifty years. As an eighth generation Bermudian with a Bachelors in Geographic Analysis, it is in my personal and professional opinion that I am not willing to agree to BELCO's terms. I support the Bermuda Better Energy Plan.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Trevor J. S. Rawson

704-8737 tjrawson@gmail.com

Tudor Smith Hideaway, 4 Windwood Cresc Pembroke, HM06 Tel: 296-0820

Ms Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

1st December 2018

Tudors2@gmail.com

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Proposals to use gas present risks of explosion and are only a temporary part answer to our and the world's energy problems.
- The risk of gas explosion at the existing Belco site in a very inhabited area, and near Hamilton, does not bear thinking about.
- The single Belco power generation site is high risk potentially leaving the Island vulnerable if a catastrophe causes it to fail even as it now is. The BEP uses alternate generations systems and locations and I have felt for years Bermuda should at least also have generation at Tudor Hill and Ferry reach, and thus also reduce the dependence on the very old fuel pipeline to BELCO. Alternate fuel generations is by nature very well diversified.
- I fear that many of the 'powers that be' fear imposing more cost to folk on their electric bills and avoid this rather than facing complaints and reality. The fact is electricity is an essential service which folk begrudgingly pay for, yet seem to have no problem paying much more per month for their cell phone, fast download speeds and Netflix films etc. I suggest we need to get things into proportion, and pay our way a little more.
- Bermuda should have been a leader in the environmental field considering the ability, wealth and tourist benefits of being so initiated. We have fallen behind and per capita believe we have an appalling pollution record for a non-industrial country.

• Why are Belco directors avoiding the like of the BEP?

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

**Tudor Smith** 

Valeria Barbieri 1 Salt Kettle Road Paget PG 01 Bermuda +14417054545 vab@logic.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

30 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Gives Bermuda a chance to become more self sufficient.
- It constitutes a competitor force to Belco, which in its own term will reduce the expenses an average Bermudian allocates to energy payments.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Valeria Barbieri

Your name: Tess Richardson

House/apt number and street: 7 Bothery CloseS

Town, Parish/County: SI Georges

Postcode: 0062

Country: Bermda Telephone: 519-4-102

E-mail: tessasia 7@ 100ud com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

Date: 21/11/2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Please sign of print your name here

Your name: ARTHUR WALBS, SK.

House/apt number and street: 3 FORT LANG, CUTIZD.

Town, Parish/County: @ST.GBOKGB'S, BPA

Postcode: GB D4

Country:

Telephone: 441-536 2221 E-mail: Alwales @ ya400.0877

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Date:

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Please sign or print your name here

other walls

Your name: GBNEVIBVB WALES
House/apt number and street: 3 FORT CANB, CHT RIR.

Town, Parish/County: 87. 680R 685

Postcode: GB DF

Country: BERMUDA

Telephone: 441-532221 E-mail: Vieve ola vecilla 5 @ gahoo. com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Date:

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

n or print your name here

Your name: ALBA FEONANDEZ

House/apt number and street: 7 mariness case ADT #18

Town, Parish/County: Reneworke

Postcode: NMOZ

Country: Beares DA

Telephone: 7012522

E-mail:

ALBAYTAL & HERMANLOOM

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Date: 20 12 Nov 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

because ne corrections med to more forward towards A more susabination further.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Please sign or print your name here

ALBA FERNANDEZ

Ronda James 8 Inglewood Lane Paget PGo6 Bermuda 4415052637 vdl@logic.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

20<sup>TH</sup> November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- · Cleaner energy is better for the future

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Your name: ANDERICA GILBERT
House/apt number and street: 18 Cook is HILL RD

Town, Parish/County: SANDYS

Postcode: MAO3 Country: BENUDA

Telephone: 707-0105

E-mail: ANDORICA . 4 @ smail.

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

Date:

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP **Bulk Generation Proposals.** 

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Please add your own personal reasons for supporting the Bermuda Better Energy Plan here....

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely.

Please sign or print your name here

Vivian Curtis 1 Cavello Lane Sandys Bermuda 441-294-4645 vcurtis@fac.bm

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

November 27, 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

8.

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Vivian Curtis

Washington Properties (Bermuda) Limited
16 Church Street
P.O. Box HM447
Hamilton
HMBX

295-4186

Paul.Slaughter@washprop.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Washington Properties has invested in green initiatives, such as replacing all common area lighting and new office fit outs with energy efficient LEDs. We are replacing our old central HVAC system with a new VRV system which is more energy efficient and allows tighter control of scheduling and comfort levels. We have also installed a bank of PV solar panels on one of our roofs. Despite all our efforts, in reducing our electricity consumption, the cost per kWh keeps increasing. We are also penalised by BELCO's existing billing structure whereby the demand billing system charges are higher in the lower tiers, meaning our lower consumption results in a higher average cost per kWh.
- We do not understand why BELCO's proposed plan relies on continued use of expensive fossil
  fuels and expects their customers to fund the cost of their new facilities, when they have failed to
  invest in new plant out of past profits.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Paul Slaughter,

Director and General Manager.

Washington Properties (Bermuda) Limited.

Wendy DaSilveira P.O. Box HM 2749 City of Hamilton HM LX

Ph: 238-0811

E-mail: wendy\_dasilveira@yahoo.ca

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda

29 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Provides a more reliable (and affordable) energy source for the island, now and for the future.
- Reduces carbon emissions and helps to reduce the impact on our already fragile environment.
- Demonstrates Bermuda's ability to be proactive and a leader in environmental stewardship.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely, WLDaSílveíra

Wendy DaSilveira

William Edward Kyme # 3 Woodbourne Crescent Pembroke HM08, Bermuda 295-4949 wekyme@ibl.bm

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

25 November 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilizing energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- It is absolutely shocking to see that Bermuda is falling behind the rest of the world, particularly island countries like us, in the world of renewable energy and the future of the next generation. If we do not accept a plan considering wind and solar energy, but solely consider nonrenewable resources, we are threatening the environment, safety of the people of Bermuda, and most of all our position in the playing field of international business for years to come which will greatly affect Bermuda's market and tourism industry. We must look forward in a way that benefits all, not just some. Please consider how choosing renewable resources will benefit Bermuda's residents, investors, and tourists.
- On a personal note, we currently live near BELCO on Woodbourne Crescent, and have noticeably seen the difference in living close to our energy plant and the negative effects on our home. If there is even a slight possibility in reducing the soot and poor air quality caused by fuel energy, then we have yet another reason to support the Better Energy Plan.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process. Kindly confirm that you have received this letter regarding such a concerning matter.

Yours sincerely,

William Edward Kyme

From: <u>Carole A Mayo</u>
To: <u>Electricity</u>

Subject: "Response to Consultation Document: Comments on IRP Bulk Generation Proposals"

**Date:** Friday, November 30, 2018 1:57:14 PM

William R. Mayo 6, Ravello Garden Lane Warwick WK06 Bermuda 4415053362 6ravello@gmail.com

Monique Lister Regulatory Authority 1st Floor, Craig Appin House 8 Wesley Street Hamilton, Bermuda November29th 2018

## **Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals**

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial
  directions for the least-cost provision of reliable electricity. The plan provides
  clear and convincing evidence that renewable energy can deliver a substantial
  reduction in carbon emissions while stabilising energy costs through clean
  renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- Solar will help give one of the best solutions of stabilizing the cost of electricity.
- Together with Wind turbines and wave technology.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Please confirm receipt of my email.

Yours sincerely, William R. Mayo

Your name
House/apt number and street
Town, Parish/County
Postcode
Country
Telephone
E-mail

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

10 October 2018

#### Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions and methodologies.
- I believe renewable energy is the way forward to protect our planet and sustainably power our island.
- Bermuda has excellent solar and wind resources.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

Zachary Friesen

Zoë Kempe 6 Morgan Road Warwick PG01 Bermuda 4413383077 zoekempe@gmail.com

Monique Lister
Regulatory Authority
1st Floor, Craig Appin House
8 Wesley Street
Hamilton, Bermuda

28 November 2018

Subject: Response to Consultation Document: Comments on IRP Bulk Generation Proposals

Dear Ms. Lister,

I am writing to submit a response to the Regulatory Authority of Bermuda's consultation on IRP Bulk Generation Proposals.

I support the Bermuda Better Energy Plan submitted by BE Solar, as this plan:

- Is the most consistent with the purposes of the Electricity Act and ministerial directions for the least-cost provision of reliable electricity. The plan provides clear and convincing evidence that renewable energy can deliver a substantial reduction in carbon emissions while stabilising energy costs through clean renewable energy.
- Uses technology that is in commercial use in other jurisdictions.
- Has been developed using detailed and transparent assumptions/methodologies.
- Allows Bermuda to catch up with the rest of the world in regards to being more sustainable and protecting the environment. We should be leading the way.
- Is more forward thinking in reducing the cost of electricity. Bermuda's cost of living is extortionate and we need other means to power electricity. Solar is the future.

Thank you for your time in reviewing my response, I look forward to learning of the final outcome of the IRP consultation process.

Yours sincerely,

## Zoë Kempe