



SKELDON ENERGY INC.

"Building a Sustainable Energy Sector Inspired by Renewable Energy Sources"

16th May 2025

SKELDON ENERGY INC

Tender for the provision of Insurance Services

- 1. All Risk of Physical Loss and Damage**
- 2. Business Interruption**
- 3. Boiler and Machinery Breakdown**

Subject: Responses to Questions and Queries

With reference to the subject captured above and in keeping with our recently launched tender for the provision of Insurance Services. Kindly see enclosed the following:

1. Loss History
2. Explanation of Operating losses
3. Confirmation of sum insured for Machinery Breakdown Coverage
4. Confirmation of sum insured for Business Interruption Coverage
5. Indemnity Period
6. Replacement value for Wartsila DG Engines
7. Replacement value for Package Boiler and Auxiliaries
8. Recommendations
9. Health and Safety Policy
10. Chemical Water Treatment Logs
11. Boiler Certificates
12. Site Plan
13. Draft Annual Operating Plan
14. Minor Maintenance Report
15. Major Maintenance Report

SKELDON ENERGY INC.
Lot 150 Crown Street,
Queenstown, G.town.
Tel: 223-0168



SKELDON

ENERGY INC.

16th May 2025

SUBJECT: TENDER FOR THE PROVISION OF INSURANCE SERVICES

1. All Risk of Physical Loss and Damage
2. Business Interruption
3. Boiler And Machinery Breakdown

With reference to the above subject, kindly see additional information requested by prospective tenderers.

Kindly find Information requested listed below:

1. Loss History for the past five (5) years

Answer:	Years	Income \$'000	Expenses \$'000	Net Loss \$'000
	2019	2,561,111	2,862,383	(307,325)
	2020	2,234,374	2,722,568	(490,985)
	2021	2,450,722	2,907,246	(456,311)
	2022	1,625,215	2,265,366	(637,799)
	2023	2,822,151	3,122,926	(298,369)

2. Explanation of operating losses for past years

Answer: Since the closure of the GuySuCo Sugar Factory in 2017, SEI's Co-Generation facility was out of operation. The revenues garnered stemmed from the operation of the 10MW Wartsila DG Engines.

3. Confirmation of sum insured for Machinery Breakdown Coverage

Answer: 1,224,298,810

4. Confirmation of sum insured for Business Interruption Coverage

Answer: 900M

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5. Indemnity Period

Answer: Six (6) months

6. Replacement value for Wartsila DG Engines

Answer: Approximately USD10M

7. Replacement values for Package Boiler and Auxiliaries

Answer: USD 270,790

8. Recommendations

Answer: Please be assured that all recommendations based on the Evaluation and Qualification Criteria (Items No. 9, 10 and 11) of the approved **GOVERNMENT OF GUYANA STANDARD BID SOLICITATION DOCUMENT** are noted and efforts will be made to have said items considered for the next Tender for the Provision of Insurance Services period.

Given the imminent expiration of the current Insurance Coverage and the risk of having the company's assets uninsured; regrettably an extension to the bid submission deadline would not be possible.

For all your information and guidance

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SKELDON

ENERGY INC.

Occupational Health and Safety

Skeldon Energy Inc. will as far as practicable, provide a safe work environment for the health, safety and welfare of our employees, contractors, visitors, and members of the public, who may be affected by our work.

To do this, Skeldon Energy Inc. will:

- develop and maintain safe systems of work, and a safe working environment
- consult with employees and health and safety reps on safety
- provide protective clothing and equipment, and enforce its use
- provide information and training for employees
- assess all risks before work starts on new areas of operation, for example, buying new equipment and setting up new work methods, and regularly review these risks
- remove unacceptable risks to safety
- provide employees and contractors and sub-contractors with adequate facilities (such as clean toilets, cool and clean drinking water, and hygienic eating areas)

Ultimately, everyone at the workplace is responsible for ensuring health and safety at that workplace.

All persons responsible for the work activities of other employees are accountable for:

- identifying practices and conditions that could injure employees, contractors and sub-contractors and members of the public or the environment
- controlling such situations or removing the risk to safety. If unable to control such practices and conditions, report these to their manager
- making sure workers use personal protective equipment (PPE), training workers to use PPE correctly
- making sure PPE is maintained and working properly

Skeldon Energy Inc. demands a positive, proactive attitude and performance with respect to protecting health, safety, and the environment by all employees, irrespective of their position.

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Manual Handling

It is Skeldon Energy Inc. policy to provide all employees with a safe and healthy workplace by identifying, assessing, and controlling manual handling risks.

While management is responsible for the health, safety and welfare of all staff, all employees must report potential and actual manual handling hazards.

Never lift or manually handle items larger or heavier than you can easily support. If you are in any doubt, do not hesitate to ask for help.

Injury Procedure

If there is an injury:

1. The priority is medical attention. The injured worker or nearest colleague should contact one of Skeldon Energy Inc. first aiders. For a serious injury, call an ambulance.
2. Any employee who is injured on the job, experiences a safety incident or a near miss, must report the incident to their manager.
3. The manager must record a report in designated Log/Register for Incidents and Near Misses. This standard report must include:
 - employee's name and job details
 - time and date of injury
 - exact location the injury/incident occurred
 - how the injury/incident happened
 - details of the injury/illness and the part/s of the body injured
 - names of any witnesses
 - name of the person entering details in the Register
 - date the employer was notified
4. Skeldon Energy Inc. will let the injured employee know in writing that we have received notification of any injury or illness reported in the designated Log/Register.

Smoking

Skeldon Energy Inc. has a non-smoking policy. Smoking is not permitted on company's property or in offices at any time.

Smokers who need to take breaks should do so in their allotted breaks. No smoking must be done at the entrances to Skeldon Energy Inc. offices and any area within the plant.

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Alcohol and Drugs Use

Skeldon Energy Inc. is concerned by factors affecting an employee's ability to do their work safely and effectively to a satisfactory standard. The company recognises alcohol or other drug abuse can impair short-term or long-term work performance and is an occupational health and safety risk.

Skeldon Energy Inc. will do its utmost to create and maintain a safe, healthy, and productive workplace for all employees. The company has a zero-tolerance policy in regard to the use of illicit drugs on their premises. Skeldon Energy Inc. does not tolerate attending work under the influence of alcohol. This may result in performance improvement action or dismissal. Contravening either of these points may lead to instant dismissal.

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CHEMICAL WATER TREATMENT PLANT DAILY ANALYSIS FOR THE PERIOD JANUARY TO APRIL 2025

	Jan	Feb	Mar	Apr
Tonnes water Produced	370	455	489	481
Tonnes water consumed	338	223	479	679
HCL used(Drum)	4	4	4	4
Caustic Soda used(Sack)	7	7	7	7

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CHEMICAL WATER TREATMENT PLANT DAILY ANALYSIS FOR THE PERIOD 01ST JANUARY TO 07TH MAY 2025

Dates	Package Boiler		Feed Water	
	pH	EC	pH	EC
3-Jan	9.82	628.4	9.21	42.1
7-Jan				
8-Jan	9.02	721	8.9	45.6
10-Jan	9.04	591	8.90	48.5
13-Jan	9.3	628	8.91	39.1
14-Jan	9.26	648	8.84	44.6
15-Jan	9.13	821	8.94	42.1
17-Jan	9.27	772	9.00	48.2
20-Jan	9.29	820	8.86	45.6
21-Jan	9.27	683	8.94	37.8
22-Jan	9.23	847	8.89	48.2
23-Jan	9.46	711	9.03	48.8
24-Jan	9.16	533	8.80	48.2
27-Jan	9.20	443	8.79	45.3
29-Jan	9.21	464	9.07	35.5
30-Jan	9.20	434	8.96	41.7
31-Jan	9.28	390	8.91	42.9
3-Feb	9.26	450	8.84	42.7
4-Feb	9.20	491	8.73	39.1
5-Feb	9.44	496	9.01	48.2
6-Feb	9.54	673	9.10	35.6
7-Feb	9.44	671	9.05	36.1
10-Feb	10.58	1420	9.96	51.0
11-Feb	10.63	1277	9.85	50.9
12-Feb	11.10	997	10.03	44.2
13-Feb	11.64	990	10.51	47.6
14-Feb	10.98	983	9.53	41.5
17-Feb	10.75	970	9.83	42.2
18-Feb	10.45	948	9.87	41.2
19-Feb	10.32	921	9.81	43.6
20-Feb	10.15	980	9.67	43.2
21-Feb	10.35	973	9.61	41.9
25-Feb	9.85	870	9.36	44.2
26-Feb	9.66	891	9.21	44.5
27-Feb	9.85	737	9.30	42.6
28-Feb	9.81	793	9.31	37.6
3-Mar	9.56	731	9.21	38.1
4-Mar	9.61	700	9.17	37.6
5-Mar	9.45	672	9.24	41.2

6-Mar	9.4	621	9.11	41.9
7-Mar	9.47	687	9.14	37.9
10-Mar	9.39	693	9.23	39.6
11-Mar	9.13	565	9.01	46.8
12-Mar	9.16	565	9.02	43.9
13-Mar	9.33	501	9.14	38.1
17-Mar	11.24	879	10.10	23.3
18-Mar	10.80	682	10.42	38.6
19-Mar	10.47	575	10.14	35.9
24-Mar	10.38	349	10.08	35.1
25-Mar	10.11	414	9.88	38.7
26-Mar	9.54	474	9.21	36.5
27-Mar	9.59	472	9.23	38.1
28-Mar	9.51	428	9.38	37.9
31-Mar	9.36	337	9.14	49.5
1-Apr	9.86	594	9.12	39.9
2-Apr	9.43	470	9.38	47.1
3-Apr	9.49	357	9.17	35.7
4-Apr	9.54	420	9.26	39.5
7-Apr	11.39	996	9.46	38.1
8-Apr	11.24	992	9.20	34.9
9-Apr	11.06	986	9.52	37.0
10-Apr	10.96	972	9.39	34.2
11-Apr	10.55	882	9.41	38.2
14-Apr	10.10	406	9.57	31.5
15-Apr	10.12	353	9.08	35.2
16-Apr	9.64	337	9.31	43.1
17-Apr	9.90	313	9.18	30.3
22-Apr	12.04	998	10.75	36.8
23-Apr	11.56	994	10.21	41.2
24-Apr	11.36	994	9.58	38.1
25-Apr	11.16	851	9.41	29.8
28-Apr	10.30	706	9.44	36.2
30-Apr	9.79	787	8.70	31.8
2-May	9.55	462	9.03	27.6
6-May	9.28	554	9.12	35.7
7-May	9.17	543	8.95	33.3

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CERTIFICATE OF EXAMINATION OF STEAM BOILER

Steam Boilers Regulation Act, 1907

THIS IS TO CERTIFY that at the request of **SKELDON ENERGY INC**, a STEAM BOILER, Boiler No. 1, located at the Wartsila Power Station, Skeldon Estate Compound, Skeldon, East Berbice was examined.

The details of the Steam Boiler are set out hereunder.

Type:	Horizontal Fire Tube Wet Back Boiler
Model No:	WNS2-1.0-YC
Boiler No:	WN040060
Maker:	Jiangsu Shuangliang Boiler Company Ltd. People's Republic of China
Year of Construction:	2006
Fittings:	1 Safety Valve 1 Steam Pressure Gauge 2 Water Level Gauges 2 Blow Down Valves

The Steam Boiler which is used for supplying auxiliary steam to an Electricity Generating Plant situated at the Skeldon Estate Compound, East Berbice, was examined Cold and under Normal Steam Pressure on the 03rd day of October 2024.

I declare that to the best of my knowledge the Steam Boiler is in safe condition and capable with due regard to safety of being worked for **twelve (12) months** from date of examination, at a maximum steam pressure under ordinary working conditions of **Zero Point Eight Five Mega Pascals (0.85 MPa)** above the pressure of the atmosphere, provided that during the said **twelve (12) months** no material alteration is made thereto and the Steam Boiler is at all times kept in the same condition as when examined.

By issuing this certificate the undersigned does not make any warranty, expressed or implied, concerning the above-described Steam Boiler. Furthermore, the undersigned shall not be liable in any manner for any personal injury or property damage, or loss of any kind arising from or connected with this Steam Boiler.

Signature: 
M. A. Yhann

Qualification: BSc, PgDip, MASME, MIEEE
Registered Boiler Examiner

Address: 9 Courida Park
East Coast Demerara
Guyana

Date: 04 October 2024

REPORT OF EXAMINATION OF STEAM BOILER UNDER NORMAL STEAM PRESSURE

Name of Occupier:

SKELDON ENERGY INC

Address of:

Wartsila Power Station, Skeldon Estate Compound, East Berbice

(a) Factory.

(b) Head Office of Occupier.

Note:- Address (b) is required only in the case of a boiler used in a temporary location.

Description and distinctive number of boiler and type.

JIANGSU SHUANGLIANG BOILER COMPANY; Horizontal Fire Tube Type; Model WNS2-1.0-YC; **Boiler No. WN040060**

1. Condition (External):

Satisfactory

2. Boiler and attachments:

(a) (i) Is the safety valve so adjusted as to prevent the boiler being worked at a pressure greater than the maximum permissible working pressure specified in the last report on the examination when cold?

Yes

(ii) If level safety valve, is the weight secured on the lever in the correct position?

Safety Valve Blow Off Pressures: - 0.85 MPa

(b) Is the pressure gauge working correctly?

Not Applicable

(c) Are the water gauges in proper working order?

Yes

(d) Is the low water alarm/lock out operating correctly?

Local Water Gauges OK,

(e) Is the high-pressure cut out in proper working order?

Yes

Yes. Automatic High Pressure Cut Out - 0.80 MPa

3. Repairs (if any) required and period within which they should be executed and any other conditions which the person making the examination thinks it necessary to specify for securing safe working.

4. Other observations:

I certify that on 03 October 2024 the abovementioned Boiler was examined under Normal Steam Pressure and that the above is a true report of the result.

Signature:

M. A. Yhann

Qualification: BSc, PgDip, MASME, MIEEE
Registered Boiler Examiner

Address: 9 Courida Park
East Coast Demerara
Guyana

Date: 04 October 2024

REPORT OF EXAMINATION OF STEAM BOILER WHEN COLD

Name of Occupier:

SKELDON ENERGY INC.

Address of:

Wartsila Power Station, Skeldon Estate Compound, East Berbice

(a) Factory.

(b) Head Office of Occupier.

Note:- Address (b) is required only in the case of a boiler used in a temporary location.

Description and distinctive number of Boiler and type.

JIANGSU SHUANGLIANG BOILER COMPANY; Horizontal Fire Tube Type; Model WNS2-1.0-YC; Boiler No. WN040060

Date of construction:

2006

The history should be briefly given, and the examiner should state whether he has seen the last previous report.

Last Report Not Seen

Date of last hydraulic test (if any) and pressure applied:

16/03/22 @ 0.89 MPa

Quality and source of water:

Return Condensate & Treated Make-Up

Is the boiler in the open or otherwise exposed to the weather or to damp?

No

1. Boiler.

- (a) What parts of seams, drums or headers are covered by brickwork?
- (b) Date of last exposure of such parts for the purpose of examination.
- (c) What parts (if any) other than parts covered by brickwork and mentioned above were inaccessible?
- (d) What examination and tests were made? (If there was any removal of brickwork, particulars should be given)
- (e) Condition of boiler: -
External (State any defects materially affecting the)
Internal (maximum permissible working pressure.)

Completely Lagged

None

Visual inspection

Satisfactory

Poor to Satisfactory. See Section 5 Below

2. Fittings and attachments.

- (a) Are there proper fittings and attachments?
- (b) Are all fittings and attachments in satisfactory condition (so far as ascertainable when not under pressure)?

Yes

Yes

3. Repairs (if any) required and period within which they should be executed, and any other conditions which the person making the examination thinks it necessary to specify for securing safe working.

4. Maximum permissible working pressure calculated from dimensions and from the thickness and other data ascertained by the present examination; due allowance being made for conditions of working if unusual or exceptionally severe.

0.85 MPa

Where repairs affecting the working pressure are required state the maximum permissible working pressure;

- (a) Before the expiration of the period specified in (3).
- (b) After the expiration of such period if the required repairs have not been completed.
- (c) After the completion of the required repairs.

(a)

(b)

(c)

5. Other observations:

Boiler Front Tube Sheet Bulging Outwards. Furnace Tube Bulging on Upper Middle Section. Front Tube Sheet in the Turn Around Section has Slight Bulging. Several Tubes Plugged.

I certify that on 03 October 2024 the Boiler above described was sufficiently scaled, prepared and (so far as its construction permits) made accessible for thorough examination and for such tests as were necessary for thorough examination and that on the said date this Boiler was thoroughly examined, including its fittings and attachments, and that the above is a true report of the result.

Signature:

M. A. Yhann

Qualification: BSc, PgDip, MASME, MIEEE
Registered Boiler Examiner

Address: 9 Courida Park
East Coast Demerara
Guyana

Date: 04 October 2024

RECORDING THE GUYANA LANDS
SURVEYS COMMISSION

Case No. 6130-2

Date: 14-07

By: [Signature]

MANAGER OF SURVEYS
FOR GUYANA LANDS & SURVEYS COMMISSION

PLAN
SHOWING
PLOT 'SCP'
BEING PART OF SKELDON
(WITHIN THE SKELDON SUGAR ESTATE
FACTORY COMPLEX, NOW EXCISED)
~CORRIVERTON~
SITUATE AT CORENTYNE
IN THE COUNTY OF BERBICE
GUYANA

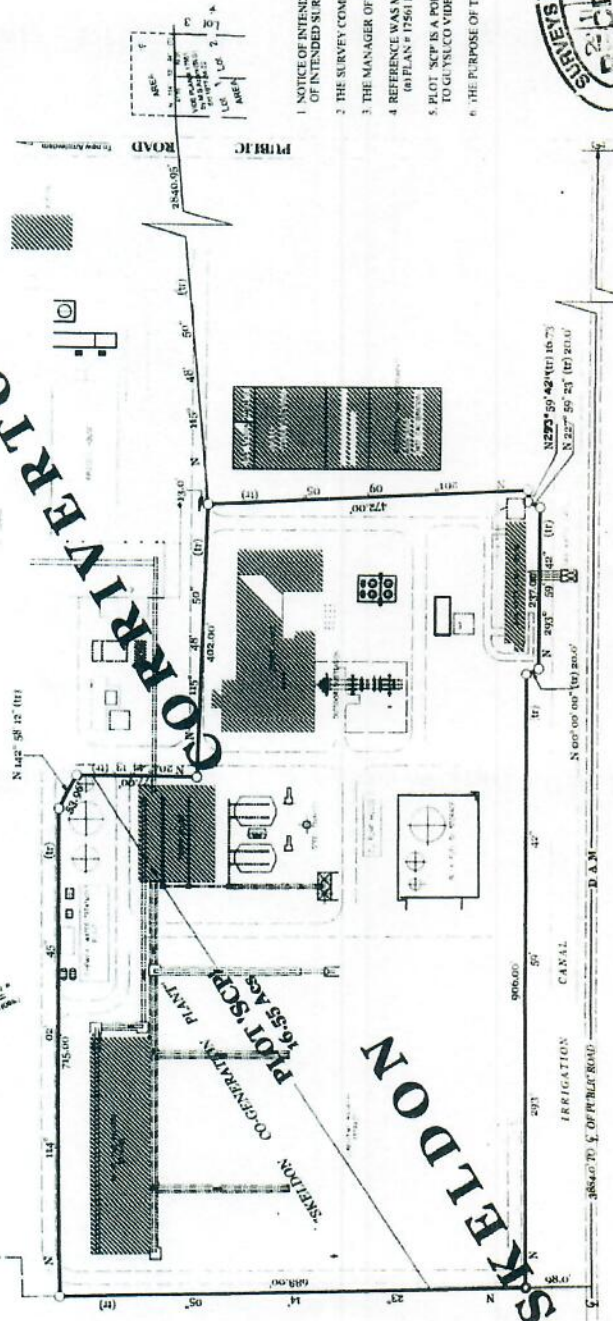
SURVEYED AND PAALED AT THE REQUEST OF
EXECUTIVE DIRECTOR OF NATIONAL INDUSTRIAL & COMMERCIAL
INVESTMENTS LIMITED (N.I.C.I.L.) WITH THE PERMISSION OF
RAJ SINGH, CHIEF EXECUTIVE OFFICER (C.E.O.) OF GUYANALCO
BY [Signature] S.I.S.
DATE: 01-04-2015

MEMORANDUM

1. NOTICE OF INTENDED SURVEY WAS SERVED ON THE TOWN CLERK OF CORRIVERTON TOWN COUNCIL. NOTICE OF INTENDED SURVEY WAS WAIVED BY THE COMPANY SECRETARY OF GUYALCO
2. THE SURVEY COMMENCED ON THE 28-03-2015 AND WAS COMPLETED ON THE 28-03-2015
3. THE MANAGER OF SKELDON ESTATE ATTENDED THE SURVEY. THERE WAS NO OBJECTION MADE
4. REFERENCE WAS MADE TO THE FOLLOWING PLAN ON RECORD AT THE GUYANA LANDS AND SURVEYS COMMISSION:
(a) PLAN # 17561 BY M. S. AZAM, S.I.S., DATED 24-04-1977, WHICH DEFINED LOTS 1, 2, AMONG OTHERS OF AREA 'A'
5. PLOT 'SCP' IS A PORTION OF LAND BEING PART OF GUYALCO'S HOLDINGS, THE SAID HOLDINGS WERE TRANSFERRED TO GUYALCO VIDE TESTING ORDER # 38/1977
6. THE PURPOSE OF THE SURVEY IS TO DEFINE PLOT 'SCP' FOR THE PURPOSE OF CONVEYANCE



~CORRIVERTON~



- LEGEND**
- SHOTES WOOD PAL
 - SHOTES FEE IN CONCRETE PAL
 - SHOTES ROAD
 - SHOTES DRAIN
 - SHOTES BUILDING
 - SHOTES FENCE
 - SHOTES PIPE LINE
 - SHOTES TANK



SKELDON ENERGY INC.
Lot 150 Crown Street,
Queenstown, G town.
Tel: 223-0168

MADE : Duane Chase (*Agreement Manager*)

DATE: 21st October 2024

Submitted to : Brian Sukhai (*General Manager*)

DATE:

DRAFT

ANNUAL OPERATING PLAN

Wärtsilä Operations Guyana Inc

2025



Skeldon

10 MW Plant

TABLE OF CONTENTS

1. General and Administration
2. Safety and Environmental
3. Equipment and acquisition and Spare parts
4. Facilities maintenance
5. Training
6. Engine and Auxiliary Maintenance
7. Fuel and Lube oil needs
8. Amendment Forecast.

ATTACHMENTS:

- Exhibit A: Engine operations
- Exhibit B: Auxiliaries Operations
- Exhibit C: Operation Forecast
- Exhibit D: Organization Chart
- Exhibit E: Electrical Maintenance Schedule

1. GENERAL & ADMINISTRATION:

Status of Power Plant:

The facility equipped with one (1) W12V32 and two W6R32 engines and generating unit along with corresponding auxiliary equipment necessary to operate the plant on heavy fuel oil. The facility produces 10MW (Gross) electrical power to the national grid by way of substation equipped with one 13.8/69 KV, 16 MVA Transformers and corresponding electrical equipment.

The facility will be operated on a 24 hrs basis as a base load plant via a three (3) shift rotation system at (8) hours per shift. Periods of shift for plant operation personnel are: 07:00 to 15:00 hrs.; 15:00 to 23:00 hrs. and 23:00 to 07:00hrs daily. Maintenance team confirms an 8-hour shift, 07:00-15:00 hrs daily or as per the maintenance needs of the plant.

The management and administrative team hours of work are 08:00 to 17:00 hrs. Monday to Thursday and 08:00 to 15:30 hrs. on Fridays.

Responsibilities

Operator:

The operator shall be responsible for the prudent operations and maintenance activities of the facility in accordance with standard operating practices, and shall perform, or cause to be performed, services and or maintenance related activities keeping with the terms and conditions expressed in Article 2 of the O&M Agreement.

Owner:

The owner shall be responsible for fulfilling its obligations as defined in Article 3 of the Operations and Maintenance Agreement, the Owner recognizes and acknowledges its duty to cooperate with the Operator, the Operator's agents, employees, or subcontractors during the performance of the services provided consistent with the terms of Article 3.1.1.6 of the Operations and Maintenance agreement.

Sub-contractors:

Subcontracting services will, from time to time be required to conduct various functions within the scope of WOGI's contractual obligations, these contractors will be engaged from time to time for the provision of the following services at the facility during the ensuing year:

Technical Contractors:	Provision of maintenance/inspection/audits and other technical services as required.
Field Service Engineers (Electrical/Mechanical:	Execution of Maintenance activities as required.

Transport and Courier Services	Material and other related transportation services and courier contractors.
Other services	i.e.: Brokerage services; and other services deemed necessary to conduct activities pertinent to the efficient Operations and maintenance activities of the plant.

Reporting:

Wartsila Operations Guyana Inc. will provide the following reports to Customer in keeping with our contractual obligations:

- Annual operation plan to be submitted to the Customer minimum 5 days prior to the COD anniversary date for approval as per contractual obligations. In the specific case, at the behest of the customer the AOP is being submitted 60 days prior to the end of the year.
- Daily and weekly plant status reports, format as agreed by the customer, to be compiled and submitted to Customer/Designee. Daily reports will be directed to the Operations and Maintenance Manager, Site Management Team, and the System control center.
- A report will be submitted to the Operations Manager for every planned and unplanned outage. A minor maintenance report will also be submitted to the Operations Manager in the agreed format. These reports will be submitted latest 24 hours after the issue is rectified/maintenance concluded.
- Monthly report as per agreed format, to be submitted to the Customer/Designee, later than five working Days after the beginning of each month, containing the following information: Accident/Incident report; maintenance summary for the month and planned maintenance activities for the forthcoming month; Facility performance; fuel and lube oil inventories and usages, and any other information pertinent to the operation of the facility as required by the Owner..

Communication:

Monthly Management meetings will be held during the first week of the month to review Operation and Maintenance reports; discuss contractual related matters and examine opportunity for improvements.

WOGI's Plant management and SEI Site management team will meet at least once per month to discuss daily operational issues, monthly scheduled activities and all other matters relating to the operations of the Facility.

Monthly reports will be Directed to the General Manager of Skeldon Energy Inc. with copies to the Operations and Maintenance Manager; Management Accountant/Corporate Secretary and the Administrative/Human Resource manager.

Financials matters will be directed to the General Manager and the Management Accountant/Corporate Secretary.

2. SAFETY AND ENVIRONMENTAL:

Wärtsilä Operations Guyana Inc. is committed to providing a Safe and Healthy Working Environment for our employees; contractors and all stakeholders internal and external, this achieved through the strict adherence to our Global safety policy in conformance to the statutory requirements of the Government of Guyana and other related agencies.



WÄRTSILÄ'S QUALITY, ENVIRONMENTAL, HEALTH AND SAFETY POLICY

Wärtsilä is a global leader in smart technologies and complete lifecycle solutions for the marine and energy markets.

Protecting the environment, enhancing customer business, and contributing to a sustainable future is the essence of what we do. Our solutions and operations are safe, reliable, efficient, environmentally sound, and compliant with regulatory and other applicable requirements.

We give the highest priority to preventing occupational injuries and illnesses by assuring safe and healthy workplaces in all of our business operations, and we authorise work to be stopped if conditions are considered unsafe, or if quality is being compromised.

We set objectives and continually improve our QEHS performance. We actively eliminate defects and hazards, and reduce QEHS associated risks.

We communicate and consult with employees and other relevant stakeholders to ensure that our QEHS practices are enforced and constantly improved.

Our skilled organization acts as a responsible global citizen.

Approved by Wärtsilä Board of Management 15.04.2021


Håkan Agnevall

Wartsila Operations Guyana Inc. Quality; Environmental; Health and Safety Policies are aligned globally, with the aim of providing a safe working environment for our employees and conducting our operations in a manner which is protective of the environment.

Our health, safety and environmental plan is detailed below:

- Employee Safety:
 - o Provision of modern PPE which are internationally certified.
 - o Training of staff in safe way of working.
 - o Stop work Authority for all employees.
 - o First aid training
 - o Firefighting and emergency response training.
- Environmental:
 - o Pollution prevention.
 - o Emission control
 - o Hazard waste management.
- Quality Way of working:
 - o Processes creation and conformance
 - o Lock out tag out processes.
 - o Quality and safety Audits
- Training plan 2025

Dates	Participants	Duration	Provider	Venue
First Aid & CPR	All Employees	3 Days	Red Cross	Off Site
Quarterly Evacuation Drill	All Employees	1 Day	WOGI/GFS	On Site
Spill prevention/ response	All Employees	1 Day	Contractor	On site
Fire fighting	All Employees	1 day	Wartsila	Online
Safety on the Job	All Employees	1 day	Wartsila	Online
Safe use of and storage of Chemical	All Employees	1 day	Wartsila	On site
Risk mitigation	All Employees	1 day	Wartsila	On site

3. EQUIPMENT ACQUISITION AND SPARE PARTS

Spares required for the operation and maintenance of the power plant will be acquired through Wartsila internal processes and will be genuine OEM spares in accordance with terms outlined in the Operations and Maintenance Agreement

Wärtsilä Operations Guyana Inc. will keep the necessary quantity of exchange a customer spare parts onsite as per contract agreement and will maintain Engine and Auxiliary equipment consistent with Appendix 1.A of this agreement, (specify which auxiliaries are applicable) running and safety spares as deemed necessary to ensure maximum reliability and availability of the Plant.

4. FACILITIES MAINTENANCE

Wärtsilä Operations Guyana Inc will maintain the facility as defined in the scope of the agreement, recommending all upgrades to equipment and facility maintenance requirements to Customer in a timely manner.

5. TRAINING

Wartsila Operations and Maintenance Training Plan for the year 2025 is designed to ensure continual improvement and development of our employee's competencies, while keeping them abreast with global and technological changes within the Wärtsilä and the energy sector in Guyana. A skilled and motivated workforce is essential in maintaining the efficiency of our Operations and Service to our customers.

Training will be conducted in the following areas:

1. Plant operation training.
2. Engine Maintenance.
3. Auxiliary operational and Maintenance processes.
4. Electrical and instrumentation.
5. Supervisory and management training.
6. Supply Chain Management and Inventory.
7. Professional Skills Management (PSM) training.
8. On the Job Training (OJT) with field service engineers.
9. Cross training with sister plants.

6. ENGINE /AUXILIARY/ ELECTRICAL MAINTENANCES

Wartsila Operations Guyana Inc. Maintenance plan is designed as per Wartsila's guidelines defined in the OEM manuals and is performed based on the running profile of the engine and auxiliary Equipment. The projected schedule for engines and auxiliary maintenance are stated in Exhibit B of this document.

General maintenance of Alternators and other electrical and Automation Systems will follow the established guidelines, and will, as far as possible be scheduled and executed during the routine Engine maintenance intervals, or as necessary due to an unscheduled activity. Routine electrical maintenance activities will be conducted on the Low voltage, medium voltage and auxiliary panels. Please see Electrical maintenance plan Exhibit E.

Heat Rate Tests will be conducted once per year as per contracted obligations.

7. FUEL AND LUBE OIL NEEDS

Annual estimates for the fuel and lubrication oil needs for the facility is summarised below. This was calculated based on the projected running and generating profile of the engine and auxiliaries. Requirement for the year 2025 is summarised below:

Year 2025	Monthly Requirements (UK Gals)											
	January	February	March	April	May	June	July	August	September	October	November	December
HFO UK Gals	286,362	381,817	381,817	286,362	381,817	381,817	381,817	381,817	381,817	381,817	381,817	200,000
Lube Oil (Argina X40)	1,400	1,000	1,000	1,400	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,700
LFO	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
Mobile DTE Heavy Duty			90			90			90			90
Omala 460							45					
Turbo T68			90			90			90			90
Tellus 46			90						90			

Please include figures with decimals and commas appropriately placed

Fuel and lubrication oil estimates are summarised below for your information.

HFO (Heavy Fuel oil):

- Average monthly requirement: 381,817 Imp gals.
- Annual requirement: 4,209,077 Imp. Gals.

LFO (Light fuel Oil):

- Average Monthly requirement: 8,000 Imp. gals.
- Annual requirement: 96,000 Imp Gals.

Lubricating oil needs:

- Annual Requirement of Argina X 40: 13,500 Imp Gals. as per timeline specified in table above.
- Annual requirement for Shell Omala S2 GX 460: 45 Imp. Gals as per timeline specified in table above.
- Annual requirement for Mobil DTE Oil heavy: 360 Imp Gals.
- Annual requirement for Shell Tellus S2 MX 68: 360 Imp gals, as per timeline specified in table above.
- Annual requirement for Tellus S3 M 46: 180 Imp gals. as per timeline specified in table above.

8. AMENDMENT FORECAST.

In the event, if changes arising out of a fresh OMA and require modifications to the AOP, SEI will react out to have the same addressed no later than at contract signature.

Wartsila Operations Guyana Inc. Plant Generation Estimates For 2022

- Exhibit A:
Engine Maintenance:

Engine No	PROJECTIONS	2025											
		January	February	March	April	May	June	July	August	September	October	November	December
Total hrs/Mth		744	672	744	720	744	720	744	744	720	744	720	744
DG NO1	Hours at Month End	61,308	61,972	62,706	63,426	64,162	64,882	65,616	66,352	67,062	67,806	68,518	68,686
PAAE034026	Maintenance Type	4k	5k	6k		7k		8k	9k	10k		11k	12k
	Expected Operational Hrs	732	664	734	720	736	720	734	736	710	744	712	168
	Maintenance Hrs	12	8	10		8		10	8	10		8	576
DG NO2	Hours at Month End	72,785	73,451	74,195	74,651	75,107	75,821	76,557	77,295	78,003	78,747	79,461	80,197
PAAE034028	Maintenance Type	BEB,ins	1k		12k	12k	1k	2k	3k	4k		5k	6k
	Expected Operational Hrs	684	666	744	456	456	714	736	738	708	744	714	736
	Maintenance Hrs	60	6		264	288	6	8	6	12		6	8
DG NO3	Hours at Month End	72,785	73,367	74,105	74,817	75,555	76,275	77,007	77,745	78,457	79,195	79,915	80,651
PAAE034027	Maintenance Type	12k	12k	1k	2k	3k		4k	5k	6k	7k		8k
	Expected Operational Hrs	432	582	738	712	738	720	732	738	712	738	720	736
	Maintenance Hrs	312	90	6	8	6		12	6	8	6		8
Plant Availability		48%	85%	98%	62%	59%	99%	96%	97%	96%	99%	98%	20%

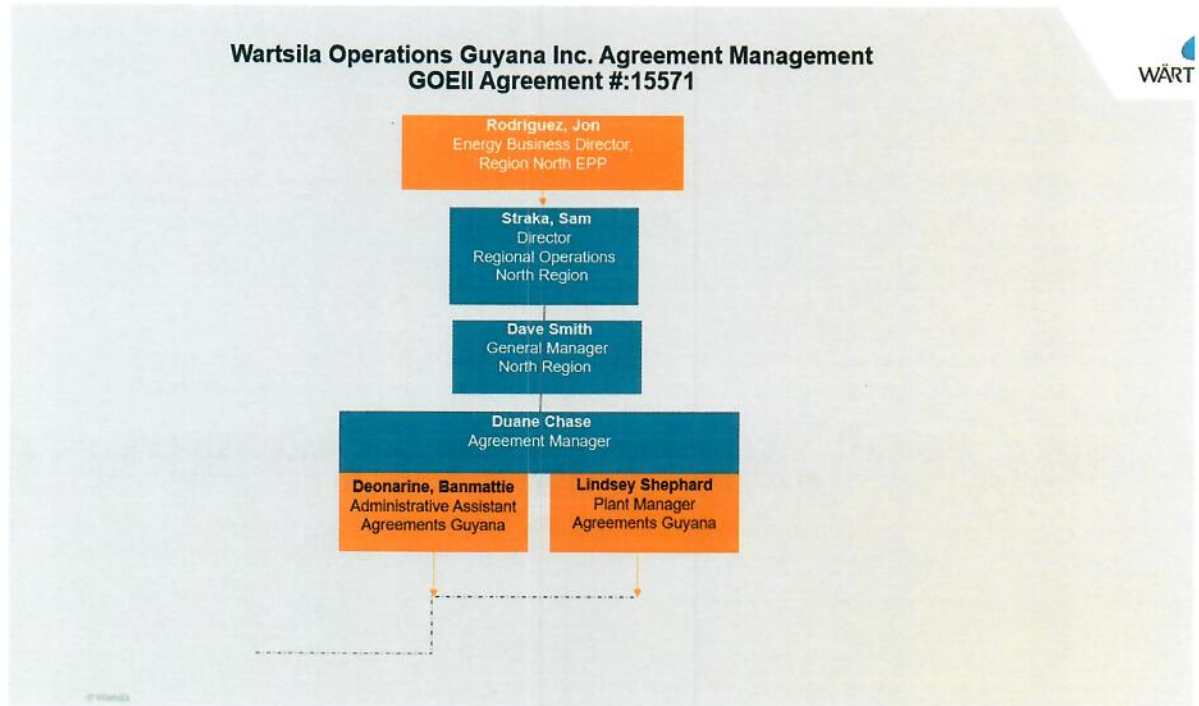
■ **Exhibit B:**
Auxiliary Maintenance

Auxiliary		2025											
		January	February	March	April	May	June	July	August	September	October	November	December
Separator Maintenance													
QBB011-D002	Running Profile:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SU 825 (LSU #1)	Service:				4k					8k			
QBB011-D002	Running Profile:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SU 820 (LSU #2)	Service:	8k					12k					12K	
QBB011-D002	Running Profile:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SU 820 (LSU #3)	Service:			4k					8k				
PBB901-D102	Running Profile:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SU835 (FSU #1)	Service:		4k							8k			
PBB901-D202	Running Profile:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
SU835 (FSU #2)	Service:		8k							12k			
Instrument Air Compressor													
TCA901-DO1	Running Profile:	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
GD WD15-7.5 EANA	Service:			47000								48500	
Start Air Compressor													
TSA 901-D001	Running Profile:	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Sperre HL2/77 (#1)	Service:						Routine A						Rou
TSA 901-D002	Running Profile:	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Sperre HL2/77 (#2)	Service:			Routine A						Routine A			

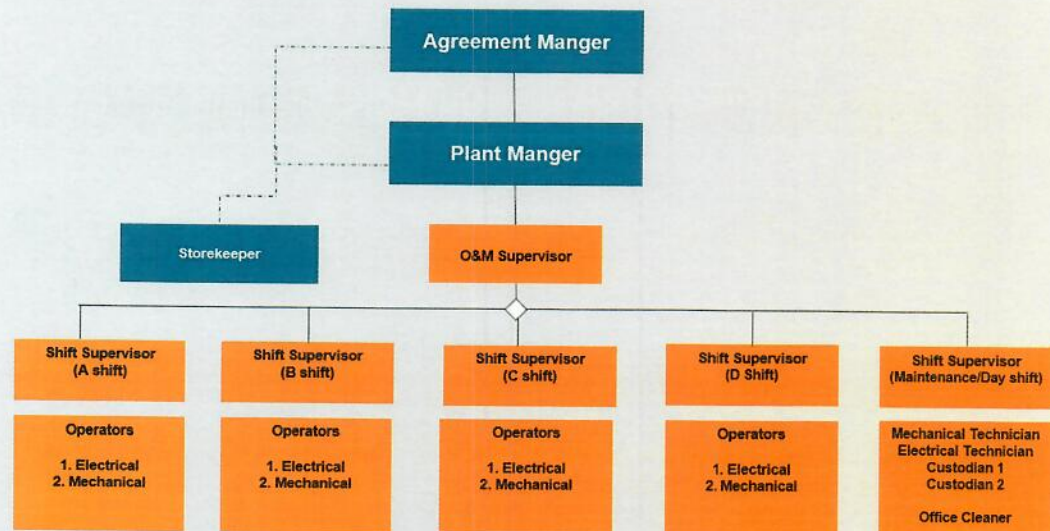
▪ **Exhibit C: Operation Forecast**

Plant Projections	January	February	March	April	May	June	July	August	September	October	Nov
Availability	65%	92%	92%	65%	92%	92%	92%	92%	92%	92%	92%
Combined Maint Hours	516	20	18	510	14	18	22	26	16	6	

▪ **Exhibit D: Organization Chart**



Wartsila Operations Guyana Inc Skeldon Facility.



▪ **EXHIBIT E**


ELECTRICAL MAINTENANCE

2,000 Hours

1. Inspect Alternator
2. Check Alternator connections
3. Check all temperature sensors and connections
4. Check all gauges
5. Check all wiring and connections
6. Functional check of automation
7. Check operation of pre lube pump
8. Check alternator bearing oil

4,000 Hours

1. Service alternator (clean alternator, check connections)
2. Change alternator bearing oil.
3. Check all temperature sensors and connections
4. Check all gauges
5. Check all wiring and connections
6. Functional check of automation
7. Service Start, stop and fuel limiter solenoids
8. Check over speed trip protection device
9. Check turbocharger speed sensor.

		Minor Maintenance Report		
DOCUMENT TYPE	Contract	IDENTIFICATION	DATE	Report #
Final	Skeldon O&M	WOMGY/15571	27.Feb.2025	002

Equipment:	#1 DG	Date	27 th Feb, 2025
Installation:	Skeldon Energy Inc.	Start time:	7:00
Place:	Skeldon - GUY	Report date:	02 nd March, 2025
Scheduled Duration:	12hrs	Actual Duration:	12hrs 36mins
Running hours:	60845	Lead Eengineer:	M. Harvey

Mintennace Type	Engine type	Serial Number
4K PMS + Actuator Replacement	12VW32	PAAE034026

1. Healthy, Safety and Environment - HSE

Subject	Ref.	Notes and remarks
JSA, permit to work	Ref.	Daily JSA completed
WeCare, HSE inspection		LOTO Done
Toolbox talking	Daily	
Safety observations:	None	

2. Scope:

List of Jobs	
Scheduled routine task:	Comments
Change over to LFO*	All Tasks completed as per Scope
Reduce output	
Take Off Bars	
Perform Overspeed Protection Test	
Lock Out Tag Out	
Tighten All Electrical Connections	
Check connectors and cables	
Check sensors	
Functional check of automation	
Change oil in governor	
Inspect/Service Pre lube Contactor	
Inspect all breaker in MCC room	
Service Stop/start solenoid	
Tighten All Electrical Connections	
Check connectors and cables	
Change Alternator Bearing oil	
Inspect Alternator	
Inspect/Clean VFD	
Replace Exh Gas TC B Inlet sensor	
Correct Pre Lube Motor Fan	
Inspect contact faces of camshaft	
Check valve clearance and leak down	
Check Turbine/compressor washing valves	
Maintenance of control mechanism	
Re-grease the drive shaft of turning device	
Service Start blocking device	
Check all pneumatic overspeed trip devices	
Correct All Hotbox Leaks	
Check start fuel limiter	
CIP Fuel injection Pumps	
Correct Leak on compressor washing line	
Clean L/O candle filters	
Replace/Clean Fuel Filters	
Crankshaft Deflective and thrust bearing clearance	
Test A5, A6, & B4 injection valves	

 WÄRTSILÄ	<h2 style="margin: 0;">REPORT</h2>
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Wash Radiator		
Perform Housekeeping		
Clean Rails and Steps		
Clean Drains		
Clean LSU		
Perform Start Up Checks		
Remove LOTO		
Unscheduled task :		Comments
Replace Actuator		Completed
Replace Exh Gas TC B Inlet sensor		To be completed with cable rail replacement
Service Fuel Feed Motor		Replaced

3. Photographic report

ENGINE# 1 D/G RUNNING HOURS: 80545					
CYLINDER	INTAKE	EXHAUST	LEAK DOWN	REMARKS	
A1	OK	OK	8		
A2	OK	OK	5		
A3	OK	OK	6		
A4	OK	ADJUST	4	INCREASE GAP	
A5	OK	OK	3		
A6	OK	OK	9		
B1	OK	OK	4		
B2	OK	OK	3		
B3	OK	OK	6		
B4	OK	OK	5		
B5	OK	OK	5		
B6	OK	OK	5		
COMPLETED BY: M. Harvey and M. Maltay DATE: 2025-02-27					



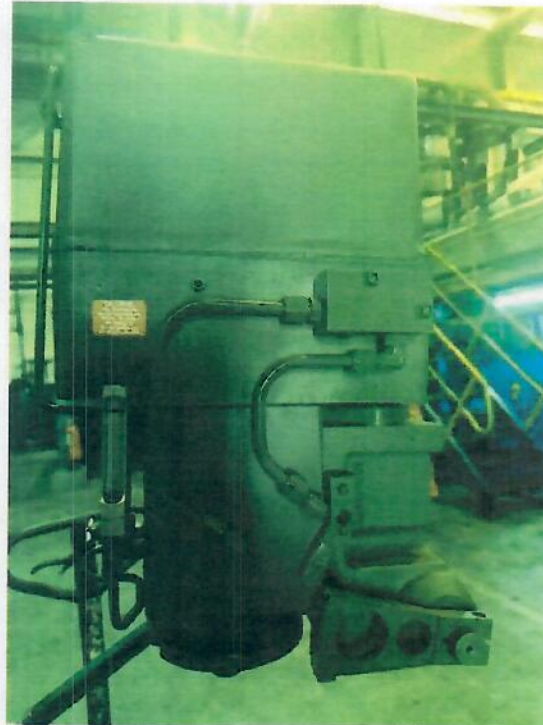
I n j e c t o r R e p l a c e m e n t



I n j e c t o r R e p l a c e m e n t



Actuator Removed




Actuator installed

4.0 Summary/Notable Observations:

All jobs on the scope were completed and all outlined checks were carried out.

5.0 Maintennace Team:

- M. Harvey
- R. Ompertab
- R. Hinds
- S. Alexander
- C. Arnachalam
- R. Leitch

 WÄRTSILÄ	REPORT
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6.0 Recommendations:



Plant Manager