APPENDIX 1 SITE VISIT PHOTO LOG



Photo 1: View of the Myingyan CCGT Plant as of December 2019



Photo 2: View of the administration building



**Photo 3:** Plant Control Room with Continuous Operations Monitoring System within the main administration building

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Photo 5: View of the two gas turbines



Photo 6: River water storage reservoir



**Photo 7:** Sludge from the water treatment plant is collected at three (3) sludge hoppers and disposed by a licensed waste contractor.



**Photo 8:** The lubricant oil storage area is paved, roofed and access controlled.

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Photo 9: Two (2) fire water storage tanks of 1200 m<sup>3</sup> capacity each



Photo 10: Chemical feeding area is roofed and contained within a bunded area.



**Photo 11:** All sanitary wastewater from the Myingyan CCGT Plant is routed to the sanitary wastewater treatment plant



Photo 12: MOGE gas receiving station

**Title:**Fifth Lenders' IESC Monitoring Report**Site:**Myingyan CCPP, Myanmar



**Photo 13:** The sludge from the water treatment plant is transported to an offsite designated sludge storage area owned and operated by OK Service.



Photo 14: Entrance leading to the river water supply pumping station



Photo 15: Overview of the river water supply pipeline and pumping station



Photo 16: River water supply pumps



Photo 17: Debris collecting at the pumping station



Photo 18: Plant designated quarterly water sampling location from the discharge pipeline



Photo 19: Meeting with the Myingyan District Police Chief



Photo 20: Discussion with a male nurse (name unknown) at the Myingyan District Hospital



Photo 21: Meeting with a fisherman, villagers and Village Head of Tha Pyay Thar Village



Photo 22: Children in the schoolyard, Tha Pyay Thar Village

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Photo 23: Water Treatment Plant, Tha Pyay Thar Village



Photo 24: Villagers in Tha Pyay Thar Village



Photo 25: Cow passed on walk through Seik Nyan Village



Photo 26: Water Treatment Plant, Seik Nyan Village

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Photo 27: Rice drying in a yard in Seik Nyan Village

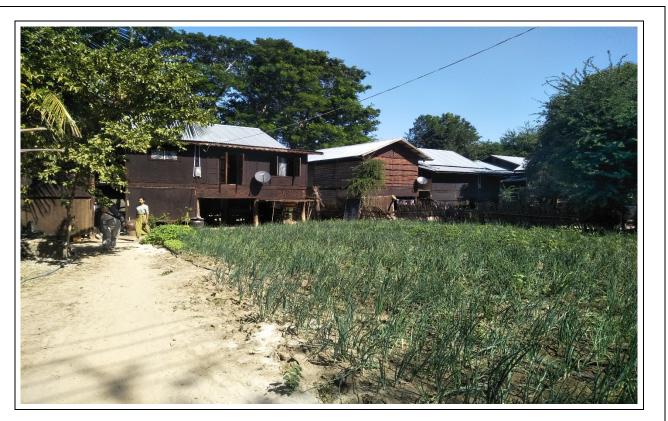


Photo 28: House of PAP no.1, Seik Nyan Village



Photo 29: Consultation meeting with PAP no.1, Seik Nyan Village



**Photo 30:** Interior of house of PAP no.1, Seik Nyan Village



Photo 31: Consultation meeting with PAP no. 2, Seik Nyan Village



Photo 32: Consultation meeting with PAP no. 3, Ma Yoe Kone Village

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Photo 33: Follow-up discussion with PAP no.1, and friend



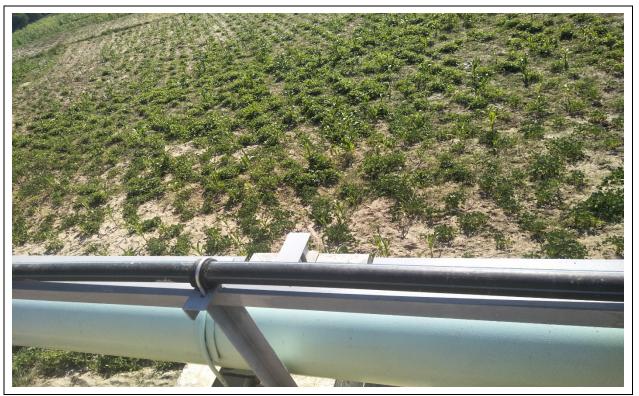
Photo 34: Shop in Ma Yoe Kone Village

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Photo 35: Farmer riding along the track next to the buried river water supply pipeline



**Photo 36:** Cultivated area under the bridge along the elevated river water supply pipeline



Photo 37: Cultivated area near the elevated river water supply pipeline



Photo 38: Fishing on the banks of the Ayeyarwady River, next to the river water pumping station

APPENDIX 2 MONITORING PLAN

## Myingyan Natural Gas Power Project Lenders' Environmental and Social Consultant (LESC) Fourth Monitoring Visit Monitoring Plan

Monitoring Visit Date:	December 3-5, 2019	Site Location:	Sembcorp Myingyan Power Company Ltd. Myingyan, Myanmar		
Monitoring Team:	<ul> <li>The monitoring team will comprise:</li> <li>Ms Sharon Maharg, Ramboll – Social Specialist</li> <li>Ms. Sharmini Ramanathan, Ramboll – Environmental Specialist</li> <li>And Susan Vauquelin from Ramboll will accompany the monitoring team</li> </ul>				
Principal Client Representatives:	<ul> <li>Mr Tin Maung T</li> <li>Mr. Aung Lwin 6</li> </ul>	, Commercial Analys <sup>-</sup> hein – Project HSE Oo – Development M g Aung –Human Res	Manager Ianager		
Lender Team	<ul> <li>Beatrice Gomez, ADB</li> <li>Indira Simbolon, ADB</li> <li>Ruby Ojha, IFC</li> <li>Eva Rossi, IFC</li> <li>Georgi Dzhartov, AIIB</li> <li>Joana Nicolau, MIGA</li> </ul>				
Persons to be Notified of Monitoring Visit:	<ul> <li>In addition to those</li> <li>Dennis Foo, Ma</li> <li>Benjamin Man I</li> <li>Rubens Hideo I</li> </ul>	anaging Director, Ser Ling Li, IFC	nbcorp Myingyan Power Company Ltd		

	Che Yu Kok, DZ Bank				
Scope of Monitoring:	The 5 <sup>th</sup> environmental and social monitoring visit will cover the CCGT site and its associated facilities, the operational Open Cycle facility, transmission line, water supp pipeline, wastewater pipeline and gas receiving station.				
	It will also include an assessment of the current project workforce, land acquisition and other social issues associated with the 13 affected local communities and persons affected by the Project (PAPs).				
	Ramboll will review the management of operations phase environmental and social risks and impacts, as defined in the operations phase Environmental and Social Management Plans (OESMPs), which are designed to ensure that the project complies with Applicable E&S Standards and with commitments made in the project ESIA. We will also assess the status of gaps identified during the previous monitoring visit (August 2018) and of items noted in the environmental and social action plan (ESAP).				
Objectives:	The primary objectives of the monitoring visit, as defined in the scope of work, are to:				
	<ul> <li>verify that the Project complies with the Applicable Standards in relation to the environment, local communities, health and safety;</li> </ul>				
	<ul> <li>b) identify any E&amp;S, labour, and Health and Safety (H&amp;S) related impacts, risks or liabilities which have not been properly mitigated or controlled in the Project;</li> </ul>				
	<ul> <li>c) assess the technical adequacy and the implementation status of the Project's environmental, safety and social management systems, its management plans and other related documents; and</li> </ul>				
	<ul> <li>recommend any necessary additional preventive and corrective actions to address any ESHS related impacts, risks or liabilities identified to achieve compliance to the Lenders safeguard policy requirements.</li> </ul>				
Components of	The monitoring visit will include:				
Monitoring Plan:	a) Inspect open cycle power plant, including:				
	b) General site inspection				
	c) Hazardous materials storage – onsite and offsite storage locations (if any)				
	d) Waste storage -onsite and offsite storage locations				
	e) Process wastewater treatment and disposal				
	f) Domestic sewage treatment and disposal				
	g) Stormwater drainage				
	h) Water treatment plant (demineralised water)				
	<ul> <li>Inspection of raw water intake station, process water discharge point, pipeline right of way, transmission towers, and gas receiving station.</li> </ul>				
	j) Social-related activities off-site, including:				
	<ul> <li>Visits to the 8 PAPs (farmers) who were temporarily economically displaced along the elevated water pipeline route.</li> </ul>				
	<li>ii. Visits to a few of the 13 villages and some community investment projects (both projects ongoing and projects completed).</li>				
	iii. Meeting with the District Hospital Administrator (previously met in				

	November 2016 and January 2018).
iv.	Meeting with the District Police Chief (previously met in November 2016 and January 2018).
k) Discus	sions with PCo and Sembcorp Senior Management Representatives on:
i.	Overview of the project, including key environmental and social challenges
ii.	Overview of any ongoing E&S issues with the affected local communities, including details on the final land acquisition process for the elevated pipeline area; and an update on issues raised by the NGOs and agreed actions to address NGO / community concerns (e.g. upstream and downstream ambient water quality monitoring, development of a participatory monitoring program, updated strategy for better information dissemination).
iii.	Status of issues raised in our last monitoring report
iv.	Legal compliance status
I) Project	t HSE Manager
i.	Roles and responsibilities of the HSSE staff for operations phase
ii.	Site specific HSSE procedures for operations phase
iii.	Management of change
iv.	Review internal audit and inspection programme and reports
۷.	Environmental monitoring data from December 2018 to current monitoring reports (including CEMS, ambient air quality and boundary noise)
vi.	Non-conformities and corrective actions
vii.	External reporting of environmental and social issues (e.g. reporting to government agencies and lenders)
viii.	Status of ESAP issues
m) Humar	n Resources Manager
i.	Workforce update (with breakdown: local vs. national and foreign workers, male and female)
ii.	Update on the worker skills training programme
iii.	Update on the workers using rental housing
iv.	Update on OHS practices and any incidents since the last visit
۷.	Update on the workers' grievance mechanism, and register review
n) Develo	pment and Community Relations Managers
i.	Update on community development and community/stakeholder engagement activities since the last visit
ii.	Update on the Community Grievance Mechanism, external grievance committee organization, and a review of the Grievance Mechanism register
o) Curren	t workers (discussions during site inspection)
i.	HSSE awareness

	ii. Knowledge of grievance mechanism				
	p) Assess compliance with a sample of requirements in the following environmental and social management plans that were established for the Operations Phase including review of all available environmental and H&S monitoring data.				
	i. Environmental Management Plan which includes:				
	<ul> <li>Air Quality Management</li> </ul>				
	<ul> <li>Noise and Vibration Management</li> </ul>				
	<ul> <li>Surface Water Quality Management</li> </ul>				
	<ul> <li>Waste Management</li> </ul>				
	ii. Security Management Plan				
	iii. Occupational Safety and Health Management Plan				
	iv. Emergency preparedness and response plan				
	v. Stakeholder Engagement Plan				
	vi. Local Recruitment and Procurement Management Plan				
	vii. Community Development Plan (which includes Community health management)				
Monitoring	Tuesday, December 3, 2019:				
Schedule:	• 09:00 – 09:30 Opening meeting				
	• 09:30 – 12:30 Company presentation on HSSE management, including project status, overview of operations phase ESMP, HSSE performance, review of any incidents since the last monitoring visit, trends from recent audits and inspections, status of issues raised in the last monitoring report, issues raised in recent monthly reports, etc.				
	<ul> <li>Discussion during the meeting with Sembcorp and PCo on the issues raised by the NGOs, including any recent criticisms that Ramboll may not be aware of, and receive an update on how they are addressing these criticisms;</li> <li>12:30 – 13:30 Lunch</li> </ul>				
	• 13:30 – 17:30 Sharmini Ramanathan to complete site inspection of the operational plant areas and potentially, the gas receiving station, raw water intake station, process water discharge point.				
	<ul> <li>13:30 – 17:30 Sharon Maharg to meet with the following:</li> </ul>				
	Human Resources Manager to obtain:				
	<ul> <li>An update on implementation of the Operations Phase Local Recruitment and Procurement Management Plan including Project workforce numbers; workers skills training program; and status of the retrenchment plans for prior construction phase workers;</li> <li>Update on the Workers' Grievance Mechanism and database; and</li> <li>Information on the workers using rental housing.</li> </ul>				
	<ul> <li>Development/Community Relations Managers to get an update on all social activities, including:</li> </ul>				
	• Site Visit planned social activities;				
	<ul> <li>Status of implementation of the 2018-2019 Community Development</li> </ul>				