

Name of Project	Nghi Son 2 BOT Thermal Power Plant Project
Completion Date of This Form	2021/07/15
Monitoring Period	(From) 2021/01/01 (To) 2021/06/30
Progress of Project	Construction Phase

Progress of Project	Category required by JBIC
Construction Phase	EIA and Environmental Permits / Air Quality (Ambient Air Quality)/ CDP/SEP / Consultation
Operational Phase	EIA and Environmental Permits / Air Quality (Emission Gas, Ambient Air Quality) / Water Quality (Effluent) / Noise / CDP/SEP / Consultation

Notes (e.g. grievance from local people and NGO)

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EIA and Environmental Permits

Monitoring Item	Monitoring Results during Report Period
Permit for exploiting and using surface water from Ministry of Natural Resources and Environment (MoNRE) or Thanh Hoa Province People's Committee	Permit issued?: NO If "Yes", please provide the information of the issuance date (DD/MM/YYYY) and the issuing authority. In case of issuance with the conditions, please list the conditions and report compliance status hereafter. Please also submit a copy of the final permit together with this monitoring form. If "No", please provide the expected issuance date of the permit: 11/2021.
Permit for discharging waste water into water area from MoNRE or Thanh Hoa Province People's Committee	Permit issued?: NO If "Yes", please provide the information of the issuance date (DD/MM/YYYY) and the issuing authority. In case of issuance with the conditions, please list the conditions and report compliance status hereafter. Please also submit a copy of the final permit together with this monitoring form. If "No", please provide the expected issuance date of the permit: 11/2021.
Registration of Hazardous waste at Thanh Hoa Department of Natural Resources and Environment (DoNRE) (<u>Construction Phase</u>)	Registration completed? (<u>Construction Phase</u>): YES Yes (registration date: 27/08/2018)
Disclosure of Construction Environmental and Social Management Program (<u>Construction ESMP</u>)	Has <u>Construction ESMP</u> in Vietnamese been disclosed to the stakeholders by posting at the accessible points such as People's Committee office of affected communes prior to commencing construction activities? If yes, please provide us following information. <ul style="list-style-type: none"> • Disclosure material: full report

Monitoring Item	Monitoring Results during Report Period
	<ul style="list-style-type: none"> • Method(s) and location(s) of disclosure: Office of People's Committee of Hai Ha and Hai Thuong communes, and through NS2PC website • Starting and ending dates of disclosure: 27 July 2018 and no ending date of the disclosure
Permit for Dredging Activity from MoNRE or Thanh Hoa Province People's Committee	Permit issued?: YES Letter 1207/QD-BTNMT issued by MoNRE on 16 May 2019
Permit for Dredging Material Submergence at Sea from MoNRE or Thanh Hoa Province People's Committee	Permit issued?: YES Letter 1206/QD-BNTM issued by MoNRE on 16 May 2019
Approval of Combustion Ash and (FGD) Gypsum Recycle/ Reuse Plan from Ministry of Industry and Trade (MoIT)	Approval issued? NO If "Yes", please provide the information of the issuance date (DD/MM/YYYY). In case of issuance with the conditions, please list the conditions and report compliance status hereafter. Please also submit a copy of the final approval together with this monitoring form. If "No", please provide the expected issuance date of the permit: 12/2021.
Permit for Industrial Air Emission from MoNRE	Permit issued?: NO

Monitoring Item	Monitoring Results during Report Period
	<p>If "Yes", please provide the information of the issuance date (DD/MM/YYYY). In case of issuance with the conditions, please list the conditions and report compliance status hereafter. Please also submit a copy of the final permit together with this monitoring form.</p> <p>If "No", please provide the expected issuance date of the permit: 12/2021.</p>
Permit for Operation of power plant from Electricity Regulatory Authority under MoIT	Permit issued?: YES Permit No. 89/GP-DTDL (for Unit 1) issued by MOIT on 18/05/2021 is attached.
Disclosure of Operational Environmental and Social Management Program (<u>Operational ESMP</u>)	Has <u>Operational ESMP</u> in Vietnamese been disclosed to the stakeholders by posting at the accessible points such as People's Committee office of affected communes prior to commencing operational activities? If yes, please provide us following information. <ul style="list-style-type: none"> • Disclosure material: Full report • Method(s) and location(s) of disclosure: Office of People's Committee of Hai Ha and Hai Thuong communes, and through NS2PC website • Starting and ending dates of disclosure: 27 July 2018 and no ending date of the disclosure
Registration of Hazardous waste at Thanh Hoa DoNRE (<u>Operational Phase</u>)	Registration completed? (<u>Operational Phase</u>): NO Yes (registration date: DD/MM/YYYY) /No (expected registration date: 07/2022)

Monitoring Item	Monitoring Results during Report Period	
Conditions attached to EIA approved by MoNRE (10 conditions)	Conditions	Status
	1. Design, construction and operation of flue gas collection and treatment system to make sure that all boiler emitted gas has been treated in compliance with QCVN 22:2009/BTNMT (Kp=0.85; Kv=1.0) before emission to surrounding environment.	Construction completed and under commissioning
	2. Design, construction and operation of industrial waste water collection and treatment system during the construction and operation stage of the Project must comply with QCVN 40:2011/BTNMT and treated domestic waste water quality must meet with QCVN 14:2008/BTNMT before discharging to Yen Hoa river;	Construction completed and under commissioning
	3. Collection, transportation and treatment of all domestic solid wastes, normal solid wastes and hazardous waste which are generated from project construction in accordance with regulations in Decree no. 59/2007/NĐ-CP dated 09 April 2007 by Government regarding solid waste management and Circular no. 12/2011/TT-BTNMT regarding hazardous waste management dated 14 April 2011 by Ministry of Natural Resources and Environment;	EPC Contractor has contracted with licensed waste treatment company to collect all types of waste generating from construction activity.
	4. Design, construction and operation of cooling intake channel and discharge channel in order to make sure there is no bad effect to aquatic system, Yen Hoa river water quality, and coastal water;	Construction completed and under commissioning
	5. Design, installation and operation of coal conveyor system, oil and other material, fuel system for plant as per technical and construction standards and not pollute surrounding environment;	Construction completed and under commissioning
	6. Installation of auto-monitoring system to control the emission volume, dust, SO ₂ , NO ₃ volume of flue gas at stack; pH, temperature, residual chlorine of cooling water at water outlet;	Installation completed and under commissioning
	7. Implementation of environmental monitoring, environmental	The quarterly environmental

	<p>protection and other protection methods as mentioned in the approved EIA report; record the monitoring statistics so that environmental authorities can audit when needed.</p>	<p>monitoring has been done for 1st quarter and 2nd quarter of 2021. Environmental protection activities have been closely following up.</p>
	<p>8. To cooperate with local authorities to confirm the disposal location of dredged mud and soil during the construction and operation stages of the Project and the disposal only can be carried out after getting approval of local authorities; to apply technical methods and appropriate management so that the disposal of mud, slag and soil will not create bad effects to ecosystem, local resident and other economic activities as well as meets all environmental hygiene requirements;</p>	<p>Dumping work has been completed smoothly without any conflict with local people and environmental incidence.</p>
	<p>9. To comply with all regulations on waterway, fire prevention and firefighting, emergency response, labor safety and other related technical requirements and procedures of the Project;</p>	<p>All procedures/plans have been developed in line with relevant regulations and in application.</p>
	<p>10. To comply with applicable regulations on water resource exploitation, usage, and water disposal to the water source during the construction of the Project.</p>	<p>Application of water exploitation, waste water discharge permit is under progress.</p>

Any Issues regarding Monitoring Item mentioned above	<ul style="list-style-type: none"> No 	<ul style="list-style-type: none"> Measures : N/A
Any Administrative Guidance from the relevant Authorities regarding environment and social considerations	<ul style="list-style-type: none"> No 	<ul style="list-style-type: none"> Measures : N/A

Air Quality (Emission Gas)

Measurement Period	N/A (No gas emission in this reporting period)	Excess of Local Standard (Yes • No) If yes, please describe the following information; <ul style="list-style-type: none"> • Item: • Actions: 	Excess of International Standard (Yes • No) If yes, please describe the following information; <ul style="list-style-type: none"> • Item: • Actions:
Measurement Method			

Source	Item	Unit	Measured Value		Local Standards ※1	Referred International Standards ※2, 3
			Mean	Max		
boiler	NO _x	mg/Nm ³			455	<Boiler> <u>Non-Degraded airshed: 510</u> <u>Degraded airshed: 200</u>
	SO ₂	mg/Nm ³			350	<Boiler> <u>Non-Degraded airshed: 200 – 850</u> <u>Degraded airshed: 200</u>
	PM	mg/Nm ³			140	<Boiler> <u>Non-Degraded airshed: 50</u> <u>Degraded airshed: 30</u>
	※4					

※1: **QCVN22:2009/BTNMT**. When the local standards are amended, borrower should modify them and submit the evidence.

※2: IFC Environmental, Health, and Safety Guidelines Thermal Power Plants (December 19, 2008) p.20-23 (the latest version is available from "<http://www.ifc.org/>")

※3: Airshed should be considered as being degraded if nationally legislated air quality standards are exceeded or in their absence, if WHO Air Quality Guidelines are exceeded significantly.

※4: Measurement items should be added as necessary.

Air Quality (Ambient Air Quality)

Measurement Period	Q1-2021: 25 January – 05 February 2021 Q2-2021: 05 -09 April 2021	Excess of Local Standard (Yes • <u>No</u>) If yes, please describe the following information; • Item: • Actions:	Excess of International Standard (Yes •<u>No</u>) If yes, please describe the following information; • Item: • Actions:
Measurement Method	Sampling onsite and analyzing the samples at the accredited laboratory.		
Measurement Point	Attached map		

Measurement Point	Item	Unit	Measurement Value		Local Standards ※1	Referred International Standards ※2
			Mean	Max		
Residential area adjacent to the Nghi Son ash pond	NO ₂	μg/m ³	N/A (It is not required in the ESIA Monitoring Plan)	N/A	Averaging Period 1-hour 200 Averaging Period 24-hours 100 Averaging Period 1-year 40	Averaging Period 1-year 40 Averaging Period 1-hour 200
	SO ₂	μg/m ³	N/A (It is not required in the ESIA Monitoring Plan)	N/A	Averaging Period 1-hour 350 Averaging Period 24-hours 125 Averaging Period 1-year 50	Averaging Period 24-hours 20 Averaging Period 10minute 500
	PM ₁₀	μg/m ³	N/A (It is not required in the ESIA Monitoring Plan)	N/A	Averaging Period 24-hours 150 Averaging Period 1-year 50	Averaging Period 1-year 20 Averaging Period 1-hour 50

Measurement Point	Item	Unit	Measurement Value		Local Standards ※1	Referred International Standards ※2
			Mean	Max		
Residential area (Lien Dinh Hamlet) SA2 Coordinate in VN2000: X: 2140194 Y: 582257	NO ₂	μg/m ³	31.0 (Q1-2021) 29.2 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 200 Averaging Period 24-hours 100 Averaging Period 1-year 40	Averaging Period 1-year 40 Averaging Period 1-hour 200
	SO ₂	μg/m ³	<8.0 (Q1-2021) <8.0 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 350 Averaging Period 24-hours 125 Averaging Period 1-year 50	Averaging Period 24-hours 20 Averaging Period 10minute 500
	PM ₁₀	μg/m ³	32.4 (Q1-2021) 28.6 (Q1-2021) (24-hour average)	N/A	Averaging Period 24-hours 150 Averaging Period 1-year 50	Averaging Period 1-year 20 Averaging Period 24-hour 50
Residential area (Nam Ha Hamlet) SA15 Coordinate in VN2000: X: 2135903 Y: 584313	NO ₂	μg/m ³	38.0 (Q1-2021) 27.4 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 200 Averaging Period 24-hours 100 Averaging Period 1-year 40	Averaging Period 1-year 40 Averaging Period 1-hour 200
	SO ₂	μg/m ³	<8.0 (Q1-2021) <8.0 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 350 Averaging Period 24-hours 125 Averaging Period 1-year 50	Averaging Period 24-hours 20 Averaging Period 10minute 500
	PM ₁₀	μg/m ³	36.5 (Q1-2021) 31.0 (Q1-2021) (24-hour average)	N/A	Averaging Period 24-hours 150 Averaging Period 1-year 50	Averaging Period 1-year 20 Averaging Period 24-hour 50
Residential area (Nam Hai Hamlet) SA8 Coordinate in VN2000: X: 2137126 Y: 584303	NO ₂	μg/m ³	37.0 (Q1-2021) 25.5 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 200 Averaging Period 24-hours 100 Averaging Period 1-year 40	Averaging Period 1-year 40 Averaging Period 1-hour 200
	SO ₂	μg/m ³	<8.0 (Q1-2021) <8.0 (Q2-2021) (1-hour average)	N/A	Averaging Period 1-hour 350 Averaging Period 24-hours 125 Averaging Period 1-year 50	Averaging Period 24-hours 20 Averaging Period 10minute 500
	PM ₁₀	μg/m ³	35.2 (Q1-2021) 32.8 (Q1-2021) (24-hour average)	N/A	Averaging Period 24-hours 150 Averaging Period 1-year 50	Averaging Period 1-year 20 Averaging Period 24-hour 50

***** (Maximum ground concentration point)	NO ₂	μg/m ³	N/A (It is not required in the ESIA Monitoring Plan)	N/A	Averaging Period 1-hour 200 Averaging Period 24-hours 100 Averaging Period 1-year 40	Averaging Period 1-year 40 Averaging Period 1-hour 200
	SO ₂	μg/m ³	N/A	N/A	Averaging Period 1-hour 350 Averaging Period 24-hours 125 Averaging Period 1-year 50	Averaging Period 24-hours 20 Averaging Period 10minute 500
	PM ₁₀	μg/m ³	N/A	N/A	Averaging Period 24-hours 150 Averaging Period 1-year 50	Averaging Period 1-year 20 Averaging Period 24-hour 50

※1: **QCVN05:2013/BTNMT**. When the local standards are amended, borrower should modify them and submit the evidence.

※2: IFC Environmental, Health, and Safety (EHS) Guidelines General EHS Guidelines (April 30, 2007) p.4 (the latest version is available from "<http://www.ifc.org/>")

※3: Measurement points should be added as necessary.

Water Quality (Effluent)

Measurement Period	05 February 2021 Effluent from treated flushing waste water after chemical cleaning. Discharge amount was about 5,700 m ³ .	Excess of Local Standard (Yes • No) If yes, please describe the following information; • Item: • Actions:	Excess of International Standard (Yes •No) If yes, please describe the following information; • Item: • Actions:
Measurement Method			

Source	Item	Unit	Measured Value		Local Standards ※1	Referred International Standards ※2, 3
			Mean	Max		
Effluent from Wastewater Treatment Facility	Temperature	°C			40	-
	pH	-	7.8		5.5~9.0	6-9
	BOD	mg/l	-		50	-
	COD	mg/l	5.38		150	-
	TSS	mg/l	12.0		100	50
	As	mg/l	0.0019		0.1	0.5
	Hg	mg/l	-		0.01	0.005
	Pb	mg/l	<0.0017		0.5	0.5
	Cd	mg/l	<0.0002		0.1	0.1
	Cu	mg/l	<0.0018		2	0.5
	Cr(Total)	mg/l	<0.01		-	0.5
	Zn	mg/l	<0.0017		3	1.0
	Ni	mg/l	<0.0017		0.5	-
	Fe	mg/l	0.1		5	1.0
Cyanic	mg/l	-		0.1	-	

	Mineral oil and fat	mg/l	<0.3		10	10
	Sulphur	mg/l	<0.06		0.5	-
	Fluoride	mg/l	0.052		10	-
	Total N	mg/l	2.24		40	-
	Total P	mg/l	0.08		6	-
	Total Residual Chlorine	mg/l	<0.3		2	0.2
	Pesticides Organic Phosphate	mg/l	-		1	
	Pesticides Organic Chlorine	mg/l	-		0.1	
	PCBs	mg/l	-		0.01	
	Coliform	MPN/100ml	150		5,000	

※1: **QCVN 40:2011/BTNMT**. When the local standards are amended, borrower should modify them and submit the evidence.

※2: IFC Environmental, Health, and Safety (EHS) Guidelines Thermal Power Plants (December 19, 2008) p.18 (the latest version is available from "<http://www.ifc.org/>")

※3: To be applicable at relevant wastewater stream: e.g., from FGD system, wet ash transport, washing boiler / air preheater and precipitator, boiler acid washing, regeneration of demineralizers and condensate polishers, oil-separated water, site drainage, coal pile runoff, and cooling water

※4: Measurement items should be added as necessary.

Noise

Measurement Period	11-12 January 2021 04-05 February 2021 03-04 March 2021 05-06 April 2021 06-07 May 2021 01-02 June 2021	Excess of Local Standard (Yes • <u>No</u>) If yes, please describe the following information; • Item: • Actions:	Excess of International Standard (Yes • <u>No</u>) If yes, please describe the following information; • Item: • Actions:
Measurement Point	Attached map		

Measurement Point	Unit	Measured Value		Local Standards ※ 1 (day/night time)	Referred International Standards ※ 2
		Mean	Max		
Residential area N1a: Village house in Lien Dinh Village, Hai Thuong Commune	dB(A)	57.25/49.92 (Jan. 21) 55.21/49.53 (Feb. 21) 55.01/49.72 (Mar. 21) 56.2/49.64 (Apr. 21) 57.49/50.52 (May 2021) 55.91/49.96 (Jun. 21)	N/A	70/55	
Residential area N2: Village house in Nam Hai Village, east of the existing NS1 thermal power plant	dB(A)	N/A (It is not required in the ESIA Monitoring Plan)	N/A	70/55	Residential; institutional; educational 07:00~ 22:00 55 22:00~07:00 45 Industrial; commercial 07:00~22:00 70 22:00~07:00 70



Measurement Point	Unit	Measured Value		Local Standards ※ 1 (day/night time)	Referred International Standards ※ 2
		Mean	Max		
Residential area N3: Village house in Bac Ha Village, south of the coal loading and conveyor belt facility	dB(A)	N/A (It is not required in the ESIA Monitoring Plan)	N/A	70/55	or result in a maximum increase in background level of 3dB at the nearest receptor location off-site
※ 3	dB(A)	N/A	N/A	70/55	




※1: **QCVN 26:2010/BTNMT(Normal area)**. When the local standards are amended, borrower should modify them and submit the evidence.

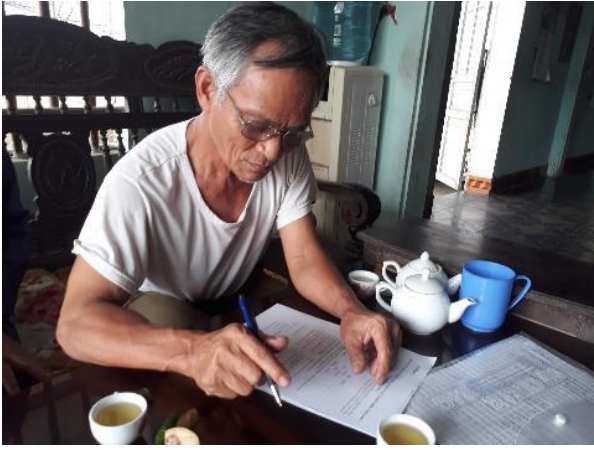


※2: IFC Environmental, Health, and Safety (EHS) Guidelines General EHS Guidelines (April 30, 2007) p.53 (the latest version is available from "<http://www.ifc.org/>")




※3: Measurement points should be added as necessary.



CDP / SEP



Monitoring Item	Monitoring Results during Report Period				
Community Development Plan (CDP)	Through the daily close communication and investigations with these key stakeholders (village people, village heads, related persons in public facilities in schools and clinics, local authorities (including people’s committees and social organizations) from commune, district and province level), NS2PC understood their concerns and their expectations in detail to improve their living conditions more. Based on that, NS2PC implemented the following Community Development Programs meeting with the local communities’ requirements.				
	No	Program	Date	Activities	Photo
	1.	Lenders had an online meeting with local people	26 Jan. 2021	<p>JBIC had online meeting with local people, representative of Jetty, Site and Resettled area to get perception and aptitude of local people regarding social – environmental matters.</p> <p>After meeting, NS2PC organized site visit for local people to understand waste management and environmental protection methods. They highly appreciated with environmental management protection practice of NS2PC.</p>	
2.	Donation of Furniture for village cultural house	3 Feb. 2021	NS2PC organized donation ceremony of furniture (21 tables and 63 chairs) to Ha Nam cultural house in Hai Ha commune. This donation will improve basic conditions for local communities to organize regularly village meetings and social events.		


	<p>3. Delivery of Tet gifts to underprivileged households</p>	<p>03 – 05 Feb. 2021</p>	<p>Following the callings from local authorities to support underprivileged households to have basic things for Tet Festival (Lunar New Year)</p> <p>NS2PC joined the event and delivered 145 gifts (cooking oil and meal items) for 145 underprivileged households (Hai Ha: 70, Hai Thuong: 55, Lien Vinh: 20)</p>	
	<p>4. Renovation of a classroom and a meeting room</p>	<p>29 Mar</p>	<p>Hai Ha secondary school was built for a long time, Local authority renovated some classrooms last year. Due to the budget limited there were still one old classroom and one meeting room in poor and unsafe condition. Based on the request of Hai Ha secondary school and Hai Ha CPC, NS2PC renovated one classroom and on meeting room (replace new ceiling, doors, window, and ground...).</p> <p>On 29 March, NS2PC organized a renovated construction handover ceremony for Hai Ha secondary school for the use.</p>	
	<p>5. Stakeholder Perception Survey</p>	<p>01 – 14 April</p>	<p>According to Stakeholder Engagement Plan.</p> <p>NS2PC interviewed 129 villagers who representatives of the Jetty, Site, O&M, Resettlement areas through questionnaires. The result showed that:</p> <ul style="list-style-type: none"> - 98% Interviewees knew fully lists of CSR supports in their commune; - 100% Interviewees knew where grievance box of NS2PC is located - 100% Interview knew the channels to go for commenting or sending grievance regarding NS2PC's 	

			<p>work.</p> <p><i>Meet CPC (17.83%), Meet village head (1.55%); Multi channel: Meet PIC of CPC, Village head, NS2PC, send letter to grievance box (80.62%).</i></p> <ul style="list-style-type: none"> - 100% Interviewees knew the channels where NS2PC share information to the community (<i>via loudspeaker, Community notice board, Facebook Fanpage, village meeting and meeting individual</i>) - 97.6% Interviewees rated the effectiveness of CSR program from 8 - 10 score; Under 8 scores (2.33%) 	
6.	Delivery of gifts to Hai Ha & Hai Thuong Women's Union	11 & 12 April,	<p>On the Occasion of Women's Union Conference (2021 – 2026) in Hai Ha commune & Hai Thuong ward on 11 & 12 April, NS2PC attended these conferences and delivered 300 gifts to key Women's Union Members of the Conferences.</p> <p>As Women's Union are key active partners of NS2PC to carry out CSR programs in last two years, such as: Needs Survey, clean up, health checks up etc. Therefore, on this occasion, NS2PC attended this conferences and delivered gifts to Women's union members.</p>	
7.	Building the concrete road	14 – 28 April	<p>NS2PC supplied building materials (concrete, stone base) for Ha Thanh Villagers in Hai Ha commune to build 140 m of residential roads to the Whale Temple and 20 households. On 28 April, NS2PC and Hai Ha CPC organized the ceremony of completed construction and handed over this road to Ha Thanh village to use.</p> <p>As the road to the Whale Temple was in very poor condition where 400 fishermen in Hai Ha often come for safe and luck pray. Therefore, local people and authority requested NS2PC to support building materials for upgrading it to get a better condition, particularly in rainy days.</p>	

					
	8.	Building washing area	19 – 31 May	<p>As requested by local authority and local residences, NS2PC started to build washing area and upgrade the toilet in Hai Ha Market.</p> <p>This construction will be completed in 29 May.</p> <p>This construction will improve hygiene sanitation and Covid 19 prevention and controlling for 10,000 Hai Ha people who often go there for transaction.</p> <p>NS2PC handed over these constructions to Hai Ha CPC for the use to improve the hygiene sanitation to contribute to prevent and control Covid – 19.</p>	
	9.	Clean water pipeline installation	27 May – 30 August	<p>On 27 May, NS2PC organized a ground breaking ceremony of installation clean water pipeline and water meters for all households in Lien Trung, Lien Dinh villages; and main pipelines in Nam Hai village of Hai Thuong ward. This installation will be completed in August 2021.</p> <p>As 30 of June, 238 out of 540 water meters were Installed</p> <p>In 2019, 2020, NS2PC installed pipelines and water meters for 2,018 households in Hai Ha commune.</p>	

	<p>10. Covid – 19 Awareness Campaign in Hai Ha</p>	<p>31 May – 4 June</p>	<p>In order to contribute to increase knowledge and change behavior of local people regarding Covid – 19 preventions, NS2PC, Hai Ha Mass Organizations (Fatherland Front, Youth Union, Women’s Union, Farmer’s Association), Health Care Station conduct Covid -19 awareness Campaign in all the residential areas through installation of banners, public announcement.</p> <p>NS2PC delivered 300 boxes of Masks to 300 underprivileged households; 50 hand sensitizer bottles to put at Hai Ha Health Care Station, Market Place.</p>	
	<p>11 Installation of Ha Phu Cultural house’s roof in Hai Ha</p>	<p>08 - 17 June</p>	<p>Ha Phu of Hai Ha commune has no cultural house for organizing village meetings and social events.</p> <p>As requested by local people, NS2PC installed steel cultural house with movable roof. This construction will be used for village meetings (the roof closed) and volleyball plays (the roof opened).</p>	

					
12	Covid – 19 Awareness Campaign in Hai Thuong ward	24 – 29 June	<p>In order to contribute to increase knowledge and change behavior of local people regarding Covid – 19 preventions, NS2PC, together with Hai Thuong Mass Organizations (Fatherland Front, Youth Union, Women’s Union, Farmer’s Association), Health Care Station conduct Covid -19 awareness Campaign in all the residential areas through installation of banners, Public announcement.</p> <p>NS2PC delivered 200 boxes of Masks to 200 underprivileged households; 50 hand sanitizer bottles to put at Hai Thuong Health Care Station, Market Place. And 20 Covid warning banners installed in common public places in Hai Thuong.</p>		

	13	Training video		<p>Last year, NS2PC trained farmers in making bio-inoculant to: i) remove the bad odor of animal wastes; ii) make organic compost from the waste of kitchen and agriculture.</p> <p>Currently farmers have been applying this technique successfully. In order to expand this technique application to the community, NS2PC produced the training video with English Subs to post on NS2PC's Facebook and Youtube for the farmers to learn. This video is attractive for farmers.</p> <p>Kindly see it at https://www.youtube.com/watch?v=w29zZzYGito</p>	 <p>Farmers using organic compost to make the quality be different</p>
	14	Job creation for local people	Continuously	<p>To carry out the commitment with local community regarding priority given to recruitment of local community, up to now, our EPC contractor and their subcontractor has recruited a lot of workers, staffs, engineers from the local community including Hai Ha commune, Hai Thuong Commune, Nghi Son commune, Tinh Hai commune and other communities</p>	
Stakeholder Engagement Plan (SEP)	<p>The relationship and communication with the local people and the local authorities (Province, District, Commune level and NSEZ) have been built strongly through the close communication and the trust for a long period including the Development Phase for the Project.</p> <p>NS2PC assigned Community Relationship Officer as the contact person to local communities and has daily communications through him to explain about our project and hear their voices. This activity has made the relationship quite friendly and easy access for the local communities to NS2PC. In addition to Community Relationship Officer, NS2PC management also continues communicating with the local communities for giving the updated Project status timely and NS2PC's strong commitment to live together with them.</p> <p>Through those activities, NS2PC has implemented the construction works successfully in good harmonization with the local communities. NS2PC's organization is well established for easy access to receive any opinions from the local communities, which gives comfort to the local communities.</p> <p>The local authorities are fully supportive to our construction works. They understand well the importance of our project for activating the local communities and achieving the stable electricity supply to Vietnam for the further development and NS2PC's enough capability to implement the project in compliance with the regulations.</p>				

Delay of the progress of CDP/SEP	• None
Any issues except delay of CDP/SEP	• None

Consultation

Monitoring Item	Monitoring Results during Report Period				
Consultation/ Discussion	In addition to the following daily meeting / disclosure to the local communities, NS2PC made speech in front of the participants and made the disclosure of the project status and NS2PC's CSR Policy to the participants whenever we implemented each CSR program stated in the above.				
	Meeting Type/ Disclosure Activity	Date	Subject	Attendees/ Participants	Comments
	Disclosure	07/01/2021	Discussion about the plan of clean water pipeline and bio-pesticide training.	<ul style="list-style-type: none"> - Mr. Nguyen Van Ngo – Chairman of HTWPC. - Mrs. Nguyen Thi Sau – Vice Chairwoman of HTWPC. - Lien Dinh village management. - Lien Trung village management 	NS2PC decided to install the clean water pipeline for Hai Thuong Ward. Therefore, NS2PC wanted to inform the plan of installation of clean water pipeline. Besides, NS2PC discussed the organic products in agriculture and wanted to support to Hai Thuong villagers for enhancing their business.
		03/02/2021	Handover ceremony of facility to Ha Nam cultural house	<ul style="list-style-type: none"> - Mr. Mai Hung Quang – Vice Chairman of Hai Ha CPC - Ha Nam village's management board. 	Studying the difficult condition with villagers in daily life, NS2PC decided to support the chairs and tables to Ha Nam village. This will contribute to the community events and meet the using demand of villagers.
	03 – 05/02/2021	Tet gifts delivery ceremony to	- Hai Ha local authority.	NS2PC always supported local community to overcome the difficulties, which local people faced with in daily life. Tet holiday is an	

			<p>underprivileged households in Hai Ha, Hai Thuong Tinh and Hai commune</p>	<ul style="list-style-type: none"> - Hai Thuong local authority. - Tinh Hai local authority. - Village's management board. - Local people. 	<p>important event for Vietnamese, NS2PC bring a warm Tet holiday to local people for sharing happiness.</p>
		17/02/2021	<p>Launching ceremony of construction in Lunar New Year</p>	<ul style="list-style-type: none"> - Mr. Do Trong Hung – General Secretary of TH Party's Committee. - Mr. Nguyen Tien Hieu – Chairman of NSEZ. - Other directors of departments under THPPC. 	<p>On the occasion of Tet holiday, NS2PC held the launching ceremony to bring the happy working environment to workers. Besides, NS2PC received the participation of leadership of Thanh Hoa Province for sharing this happiness. NS2PC hopes that the project progress will be on schedule.</p>
		25/2/2021	<p>Notice on TSV's arrival</p>	<ul style="list-style-type: none"> - Mr. Nguyen Van Dung – Deputy Chairman of HH People's Council - Mr. Nguyen Van Hoan – Deputy Chairman HHPC. Mr. Mai Hung Quang – Deputy Chairman of HHPC 	<p>In order to ensure the safety for local people and NS2 BOT TPP's operation, NS2PC informed the arrival of TSV for Hai Ha CPC to have the safety insurance plan, which will help local community to avoid any unexpected incident.</p>
		9/3/2021	<p>Commencement ceremony for Renovation of</p>	<ul style="list-style-type: none"> - Mr. Nguyen Van Hoan – Deputy Chairman of Hai 	<p>NS2PC understood that education is key factor to local community. NS2PC hopes this educational facility to improve the studying</p>

			meeting room and classroom of Hai Ha Secondary school	Ha CPC - Mr. Tran Nam Thanh – Principal of HH secondary school. Teachers and students of HH secondary school.	condition of local children. NS2PC would like to express the nice relationship with Hai Ha local community
		29/3/2021	Handover Ceremony of Construction to Hai Ha Secondary school	- Mr. Nguyen Van Hoan – Deputy Chairman of Hai Ha CPC - Mr. Tran Nam Thanh – Principal of HH secondary school. Teachers and students of HH secondary school.	NS2PC wanted to handover the construction to Hai Ha secondary school and Hai Ha CPC. NS2PC respectfully requests local community to use and manage this construction properly and safely.
		05/04/2021	Stakeholder Perception Survey.	- Hai Ha commune’s Village heads Hai Ha local people.	NS2PC always listens the opinion from Hai Ha local people to build the supporting program more efficiently and practically. NS2PC also pays attention to the environment protection and enhance the awareness of local people.
		07/04/2021	Stakeholder Perception Survey	- Hai Thuong ward’s Village heads Hai Thuong local people.	NS2PC always listens the opinion from Hai Thuong local people to build the supporting program more efficiently and practically. NS2PC also pays attention to the environment protection and enhance the awareness of local people

		03/02/2021	Stakeholder Perception Survey	- Lien Vinh Village heads Lien Vinh villagers	Studying the difficult condition with villagers in daily life, NS2PC wanted to listen the opinion from Lien Vinh villagers to build the supporting program more efficiently and practically.
		11/4/2021	Conference of Hai Thuong Ward Women's Union in the period of 2021-2026	- Mrs. Nguyen Thi Van, Chairman. - Members of Hai Thuong Women's Union - Mr. Nguyen Van Ngo – Chairman. - Mr. Nguyen Quoc Dat – General Secretary.	NS2PC is a good neighbor with Hai Thuong local community, NS2PC implemented many supporting program for local people, especially for women, clean-up program, gift delivery, medical equipment donation and other programs. It is the meaningful contribution to Hai Thuong local community.
		12/4/2021	Conference of Hai Ha Commune Women's Union in the period of 2021-2026	- Mrs. Le Thi Ha, Chairman. - Members of Hai Ha Women's Union. - Mr. Tran Binh Thuan – Chairman. - Mr. Nguyen Trong Hau – General Secretary.	NS2PC is the best neighbor with Hai Ha local community, NS2PC implemented many supporting program for local people, especially for women, clean-up program, health checkup, gift delivery and other program. It is the meaningful contribution to Hai Ha local community.
		19/5/2021	Commencement ceremony of Renovation of Hai Ha Local Market	- Mr. Tran Binh Thuan – Chairman of HHPC. - Mr. Tran Thanh Tuan – Chairman	NS2PC understood the difficulty in daily activities and environment of Hai Ha local Market. In order to improve the sanitation, NS2PC decided to renovate the sanitation area of Hai Ha local market.

			of Hai Ha Fatherland front.	
	31/5/2021	Support on Covid-19 prevention method in Hai Ha commune	<ul style="list-style-type: none"> - Mr. Nguyen Trong Hau – General Secretary. - Mr. Tran Binh Thuan – Chairman. - Officials of HHCPC. 	With the complicated Covid-19 pandemic situation, NS2PC coordinated with Hai Ha Commune to enhance the awareness of local people in preventing the Covid-19 pandemic, as well as NS2PC provided the medical masks and hand gel to the community as a small contribution in preventing Covid-19 pandemic.
	27/5/2021	Commencement ceremony of clean water pipeline in Hai Thuong ward	<ul style="list-style-type: none"> - Mr. Nguyen Quoc Dat – General Secretary. - Mr. Nguyen Van Ngo – Chairman. - Mrs. Le Thi Sau – Vice Chairman of HTWPC. - Officials of HTWPC. 	Through implementing a close communication and listening the opinion from villagers and HTWPC, NS2PC installed the clean water pipeline for 3 villages including Lien Trung, Lien Dinh and Nam Hai villages, which enhance the living conditions, ensure the health and prevent potential risks caused by existing underground water.
	27/5/2021	Handover ceremony of sanitation area in Hai Ha Fish market	<ul style="list-style-type: none"> - Mr. Nguyen Van Hoan – Vice Chairman of HHCPC - Mr. Tran Thanh Tuan – Chairman of HH Fatherland Front - Hai Ha local people 	NS2PC studied the living condition and sanitation environment of Hai Ha Fish market. NS2PC decided to renovate the sanitation area due to degradation. This is a meaningful contribution to villagers to support local people to prevent the diseases caused by sanitation.

		14/6/2021	Support on relocating the fish cages and boats out of the jetty of Nghi Son 2 BOT TPP.	<ul style="list-style-type: none"> - Mr. Nguyen Truong Hau – General Secretary of HHCPC. - Mr. Mai Hung Dung – Vice Chairman of HH Commune People’s Council. - Mr. Tran Thanh Tuan – Chairman of HH Fatherland Front. 	NS2PC addressed NS2 the jetty situation. Many fish cages and fishing boats were occupied illegally with common navigation channel at Nghi Son International Port. NS2PC wanted to get support of Hai Ha authority to remove this and ensured the safety of maritime activities.
		17/6/2021	Handover ceremony of movable roof to Ha Phu villagers in Ha Phu cultural house	<ul style="list-style-type: none"> - Mr. Nguyen Van Hoan – Vice Chairman of HHCPC - Mr. Hung – Village head - Ha Phu villager 	NS2PC studied the living condition and community activities of Ha Phu villagers. NS2PC decided to support the movable roof to villagers to enhance the community activities. This is a meaningful contribution to villagers.
		18/6/2021	Consultancy on CSR program in Tinh Hai Primary School	<ul style="list-style-type: none"> - Mr. Tan – Chairman of Tinh Hai WPC. - Mrs. Mo – Principal of Tinh Hai Primary School. 	NS2PC studied the school and listened the introduction of Tinh Hai Primary School about learning and teaching condition. NS2PC will build the supporting program to enhance the education quality.
		24/6/2021	Support on Covid-19 prevention method in Hai Thuong ward	<ul style="list-style-type: none"> - Mr. Nguyen Quoc Dat – General Secretary. 	With the complicated Covid-19 pandemic situation, NS2PC coordinated with Hai Thuong Ward to enhance the awareness of local people in preventing the Covid-19 pandemic, as well as NS2PC provided the medical masks and hand gel to the community as a small contribution.

				- Mr. Nguyen Van Ngo – Chairman. - Officials of HTWPC.	
Individual consultation	01/02/2021	Discussion with Hai Thuong CPC to prepare the delivery ceremony of Tet gifts	Mrs. Le Thi Sau – Vice Chairwoman.	NS2PC wanted to consult with Hai Thuong WPC to have a good preparation for delivery ceremony of Tet gifts.	
	08/02/2021	Discussion with NSEZ to prepare the launching ceremony	- Mr. Le Tien Dung – Vice Chairman of NSEZ. - Mr. Quang – Officer of Investment management department.	NS2PC listened the opinion from NSEZ how to have a good preparation for launching ceremony and how to receive Thanh Hoa delegation.	
	26/3/2021	Evaluation on the organic fertilizer program	Mr. Thanh – Lien Trung village’s farmer	In order to support the agricultural activities effectively, NS2PC wanted to evaluate the quality of organic fertilizer training for Hai Thuong farmers.	
	14/4/2021	Discussion on renovation of Hai Ha local market	Mr. Tran Thanh Tuan – Chairman of Hai Ha Commune Fatherland Front.	NS2PC listened the opinion from Hai Ha CPC how to have a good preparation for renovation.	
	7/5/2021	Meeting with Nghi Son Center for Disease prevention.	Mr. Thiep – Director of Nghi Son CDC	NS2PC listened the opinion from Hai Ha CPC how to have a good plan for Covid-19 pandemic prevention.	

Grievances	In this reporting period, NS2PC did not receive any grievance about our construction works from the surrounding communities (NS2PC installed Grievance Boxes at Hai Thuong CPC office, Hai Ha CPC office and Lien Vinh village cultural house (near O&M) of Tinh Hai Commune. NS2PC also has grievance form and grievance mechanism available at CPC offices and cultural houses for people who have issues related to NS2PC work.)
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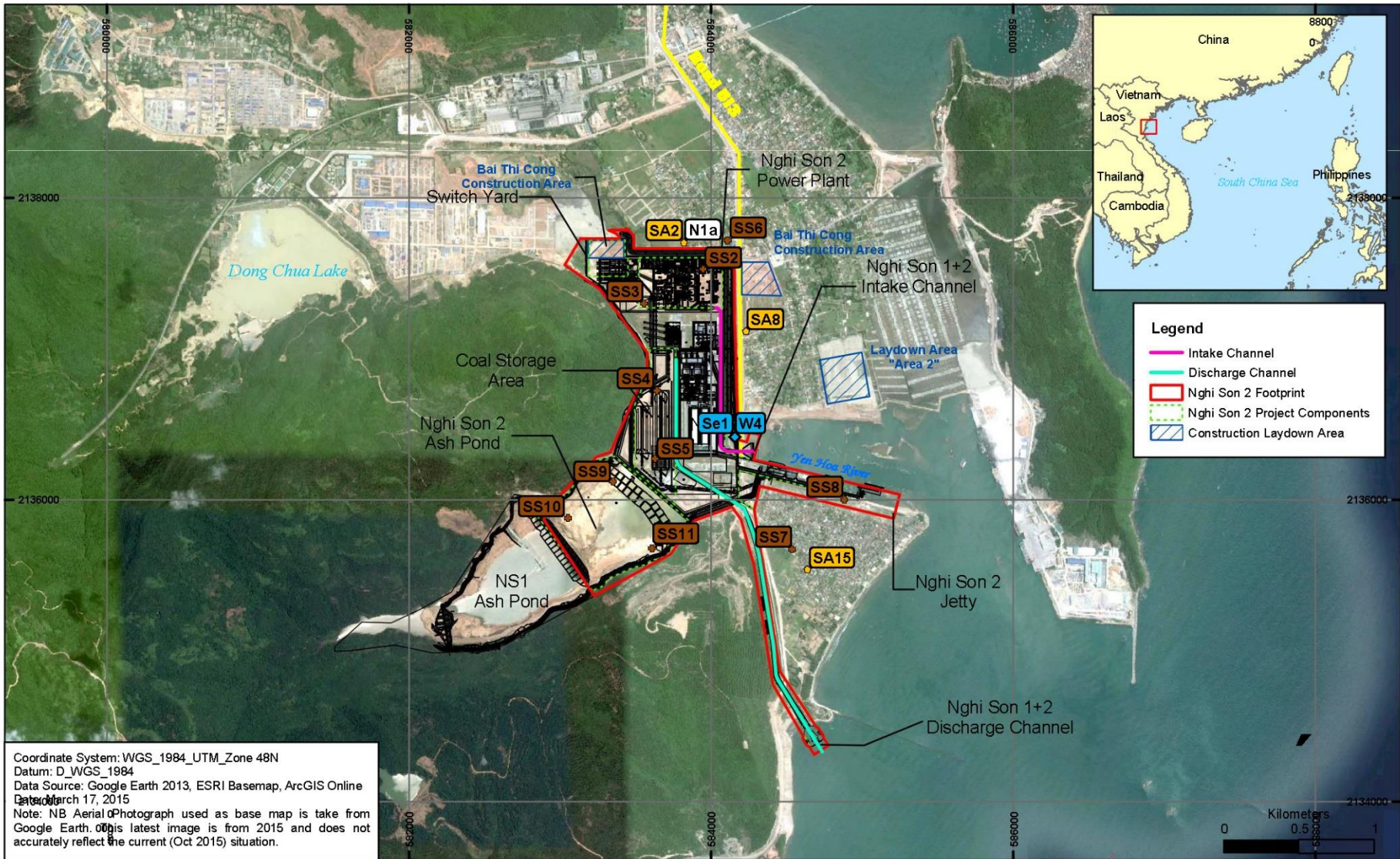


Figure 2
 Environmental Sampling Station Map (ESIA)

File: T:\GIS\CONTRACT\0202456\Mxd\0202456_NS2_Layout_and_Options.mxd
 Date: 19/3/2016

BỘ CÔNG THƯƠNG
CỤC ĐIỀU TIẾT ĐIỆN LỰC



GIẤY PHÉP
HOẠT ĐỘNG ĐIỆN LỰC

SỐ89...../GP-ĐTĐL
NGÀY CẤP18-05-21.....



Số: 89 /GP-ĐTĐL

Hà Nội, ngày 18 tháng 05 năm 2021

GIẤY PHÉP HOẠT ĐỘNG ĐIỆN LỰC
CỤC TRƯỞNG CỤC ĐIỀU TIẾT ĐIỆN LỰC

Căn cứ Quyết định số 3771/QĐ-BCT ngày 02 tháng 10 năm 2017 của Bộ trưởng Bộ Công Thương quy định chức năng, nhiệm vụ, quyền hạn và cơ cấu tổ chức của Cục Điều tiết điện lực;

Căn cứ Luật Điện lực ngày 03 tháng 12 năm 2004; Luật sửa đổi, bổ sung một số điều của Luật Điện lực ngày 20 tháng 11 năm 2012;

Căn cứ Nghị định số 137/2013/NĐ-CP ngày 21 tháng 10 năm 2013 của Chính phủ quy định chi tiết thi hành một số điều của Luật Điện lực và Luật sửa đổi, bổ sung một số điều của Luật Điện lực;

Căn cứ Nghị định số 08/2018/NĐ-CP ngày 15 tháng 01 năm 2018 của Chính phủ sửa đổi một số Nghị định liên quan đến điều kiện đầu tư kinh doanh thuộc phạm vi quản lý nhà nước của Bộ Công Thương;

Căn cứ Nghị định số 17/2020/NĐ-CP ngày 05 tháng 02 năm 2020 của Chính phủ sửa đổi, bổ sung một số điều của các Nghị định liên quan đến điều kiện đầu tư kinh doanh thuộc lĩnh vực quản lý nhà nước của Bộ Công Thương.

Căn cứ Thông tư số 21/2020/TT-BCT ngày 09 tháng 9 năm 2020 của Bộ trưởng Bộ Công Thương quy định về trình tự, thủ tục cấp giấy phép hoạt động điện lực;

Xét đơn và hồ sơ đề nghị cấp giấy phép hoạt động điện lực của Công ty TNHH Điện Nghi Sơn 2;

Theo đề nghị của Trưởng phòng Cấp phép và Quan hệ công chúng,

QUYẾT ĐỊNH:

Điều 1. Cấp phép hoạt động điện lực cho

1. Tên tổ chức: **Công ty TNHH Điện Nghi Sơn 2**
2. Giấy chứng nhận đăng ký kinh doanh số 2802122729 do Sở Kế hoạch và Đầu tư tỉnh Thanh Hóa cấp ngày 20 tháng 01 năm 2014, đăng ký thay đổi lần 11 ngày 29 tháng 4 năm 2020.
3. Trụ sở giao dịch: Thôn Hà Bắc, Khu kinh tế Nghi Sơn, xã Hải Hà, thị xã Nghi Sơn, tỉnh Thanh Hóa.

Điện thoại: 0237.3972299

Fax: 0237.3972298

Điều 2. Lĩnh vực hoạt động

Hoạt động phát điện.

Điều 3. Phạm vi và thời hạn của giấy phép

1. Phạm vi hoạt động: Quản lý, vận hành Tổ máy số 1 Nhà máy nhiệt điện Nghi Sơn 2 (công suất thô 2x665MW, tương đương với công suất tinh 2x600MW) trên địa bàn Khu kinh tế Nghi Sơn, xã Hải Hà, thị xã Nghi Sơn, tỉnh Thanh Hóa.

+ Các đặc tính chính của Nhà máy nhiệt điện BOT Nghi Sơn 2 tại hợp đồng mua bán điện của Nhà máy nhiệt điện BOT Nghi Sơn 2 đã ký giữa Công ty TNHH Điện Nghi Sơn 2 và Tập đoàn Điện lực Việt Nam.

+ Đầu nối vào hệ thống điện: Nhà máy nhiệt điện Nghi Sơn 2 được đầu nối vào lưới điện quốc gia qua các đường dây sau:

- Đường dây 550kV mạch kép từ Sân phân phối Trung tâm điện lực Nghi Sơn đến cột 381 và 382 đường dây 500kV Nho Quan – Hà Tĩnh mạch 1.

- Đường dây 550kV mạch kép từ Sân phân phối Trung tâm điện lực Nghi Sơn đến cột 368 và 370 đường dây 500kV Nho Quan – Hà Tĩnh mạch 2.

2. Thời hạn của giấy phép: Đến ngày 17 tháng 05 năm 2031.

Điều 4. Quyền của đơn vị điện lực được cấp giấy phép

1. Công ty TNHH Điện Nghi Sơn 2 được phép hoạt động theo lĩnh vực và phạm vi của giấy phép hoạt động điện lực.

2. Công ty TNHH Điện Nghi Sơn 2 có các quyền theo quy định tại Điều 39 Luật Điện lực (đã được sửa đổi, bổ sung) và các quyền khác theo quy định của pháp luật.

Điều 5. Nghĩa vụ của đơn vị điện lực được cấp giấy phép

1. Công ty TNHH Điện Nghi Sơn 2 có nghĩa vụ triển khai hoạt động chậm nhất 06 tháng kể từ ngày được cấp giấy phép hoạt động điện lực.

2. Công ty TNHH Điện Nghi Sơn 2 có nghĩa vụ đảm bảo các điều kiện hoạt động điện lực theo quy định của pháp luật trong suốt thời gian hoạt động.

3. Công ty TNHH Điện Nghi Sơn 2 không được phép cho thuê, cho mượn, tự ý sửa chữa giấy phép hoạt động điện lực.

4. Công ty TNHH Điện Nghi Sơn 2 có nghĩa vụ thực hiện chế độ báo cáo theo quy định.

5. Công ty TNHH Điện Nghi Sơn 2 có nghĩa vụ thực hiện các quy định tại Điều 39 Luật Điện lực (đã được sửa đổi, bổ sung) và các văn bản hướng dẫn thi hành.

Điều 6. Hiệu lực thi hành

Giấy phép hoạt động điện lực này có hiệu lực kể từ ngày ký.

CỤC TRƯỞNG


Nguyễn Anh Tuấn