LEGEND

- RAE INSTALLATION POLYGONS
- NEW ROADS OR IMPROVEMENT OF EXISTING ROADS
- WT PLATFORMS
- WT POSITION
- EXISTING ROADS
- INTERNAL MEDIUM VOLTAGE TRENCH (WT TO CONTROL BUILDING)
- EXTERNAL MEDIUM VOLTAGE TRENCH (WF TO SUBSTATION)
- GREEK - BULGARIAN BORDER
- CONTROL BUILDING LAND PLOT
- SUBSTATION "IASMOS"
- CONTROL BUILDING

COORDINATES TABLES

WT COORDINATES

WT	HHRS87 X [m]	HHRS87 Y [m]	WT TYPE	WT POWER [MW]	HH [m]
3	595579	4572026	SG6.0-170	6.2	135
4	595552	4572470	SG6.0-170	6.2	135
5	595744	4572931	SG6.0-170	6.2	135
6	596186	4572995	SG6.0-170	6.2	135
7	596625	4573125	SG6.0-170	6.2	135
9	597501	4573319	SG6.0-170	6.2	135
10	597965	4573115	SG6.0-170	6.2	135
11	598404	4572821	SG6.0-170	6.2	135
12	598670	4572458	SG6.0-170	6.2	135
17	597391	4568849	SG6.0-170	6.2	135
18	597820	4568798	SG6.0-170	6.2	135
19	598259	4568871	SG6.0-170	6.2	135
20	598680	4568956	SG6.0-170	6.2	135
21	599107	4569115	SG6.0-170	6.2	135
22	599441	4569397	SG6.0-170	6.2	135
23	599592	4569996	SG6.0-170	6.2	135
24	600038	4570096	SG6.0-170	6.2	135

MAIN CONTROL BUILDING PLOT COORDINATES

A/A	GGRS87 X [m]	GGRS87 Y [m]
1	597891,4	4568736,41
2	597877,22	4568743,46
3	597882,71	4568754,72
4	597888,8	4568762,51
5	597902,03	4568760,44
6	597918,4	4568757,3
7	597936,5	4568756,31
8	597948,42	4568754,22
9	597954,53	4568749,5
10	597965,65	4568746,46
11	597971,97	4568745,03
12	597981,54	4568743,83
13	597983,8	4568737,73
14	597986,07	4568733,15
15	597988,62	4568725,31
16	597990,14	4568717,53
17	597991,31	4568706,37
18	597993	4568695,65
19	597992,16	4568689,69
20	597974,15	4568687,89
21	597967,17	4568700,9
22	597958,5	4568710,51
23	597950,15	4568715,18
24	597943,66	4568719,4
25	597924,3	4568723,99
26	597908,01	4568727,04

SECONDARY CONTROL BUILDING PLOT COORDINATES

NO	GGRS87 X [m]	GGRS87 Y [m]
1	596835,3	4573115,91
2	596935,3	4573115,91
3	596935,3	4573075,91
4	596835,3	4573075,91

WIND FARM INSTALLATION POLYGON COORDINATES

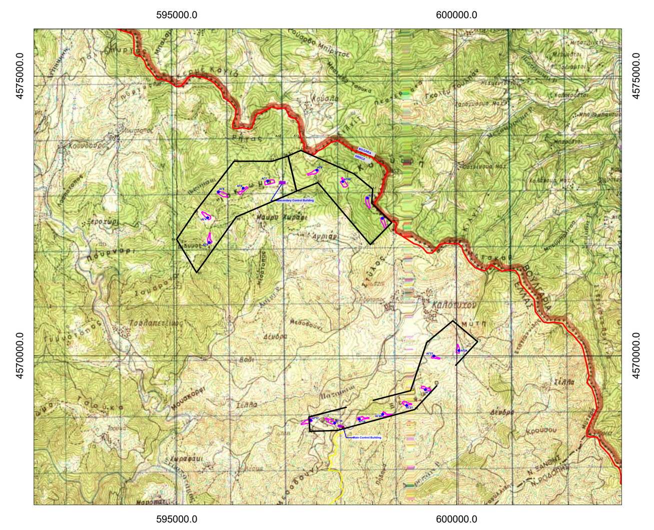
WT	GGRS87 X (m)	GGRS87 Y (m)
POLYGON A		
A1	598499	4572980
A2	598482	4572732
A3	598840	4572383
A4	598456	4571990
A5	597520	4573097
A6	597141	4572945
A7	596990	4573573
A8	597216	4573673
A9	598164	4573255
POLYGON B		
B1	597138	4572944
B2	596063	4572483
B3	595353	4571487
B4	594997	4572083
B5	595315	4572557
B6	596023	4573479
B7	596705	4573478
B8	596987	4573572
POLYGON C		
Γ1	597361	4568909
Γ2	599177	4569378
Γ3	599463	4570238
Γ4	599930	4570628
Γ5	600373	4570254
Γ6	599251	4569042
Γ7	597863	4568666
Γ8	597377	4568652

SUBSTATION "IASMOS" PLOT COORDINATES

No.	GGRS87 X [m]	GGRS87 Y [m]
1	598200	4552443
2	598202	4552359
3	598210	4552307
4	598252	4552312
5	598260	4552317
6	598310	4552313
7	598298	4552466
8	598274	4552477
9	598227	4552472

SUPPORTING INFRASTRUCTURE

ROADS		
1. New Roads (m)	(1)	11526
ELECTRICAL INTERCONNECTION		
1. Internal MV Network (Interconnection W/T - Control Building.) Medium Voltage 33kV in WF (m)	(1)	35395
2. External MV Network (Interconnection W/F - Substation) ΜΕΣΗΣ ΤΑΣΗΣ 33kV ΕΚΤΟΣ Α/Π (m)	(2)	29652
Total MV Network Length (m)	**(1)+(2)**	**65047**



INSTALLATION AREA
HMGS MAPS 1:50,000 "IASMOS" & "MEDOUSA"

ΕΛΕΥΘΕΡΙΟΣ Γ. ΚΑΡΑΠΙΔΑΚΗΣ
ΔΑΣΟΛΟΓΟΣ - ΠΕΡΙΒΑΛΛΟΝΤΟΛΟΓΟΣ
ΜΕΛΕΤΕΣ - ΥΠΗΡΕΣΙΕΣ
ΜΕΛΟΣ ΓΕΩΤΕΕ ΑΡ. ΜΗΤΡΩΟΥ: 2-02519
ΡΑΙΔΕΣΤΟΥ 7 - ΑΙΓΑΛΕΩ Τ.Κ. 122 41
ΤΗΛ: 210 5900785 - FAX: 210 5900385
ΑΦΜ: 061279632 - ΔΟΥ: ΑΙΓΑΛΕΩ

ΚΩΝΣΤΑΝΤΙΝΟΣ ΝΙΚ. ΠΑΝΤΟΣ
ΑΓΡΟΝΟΜΟΣ - ΤΟΠΟΓΡΑΦΟΣ ΜΗΧΑΝΙΚΟΣ Ε.Μ.Π.
ΜΕΛΟΣ Τ.Ε.Ε. - ΑΡΙΘΜ. ΜΗΤΡΩΟΥ 79086
ΚΑΡΥΣΤΟΥ 6 - 11523 - ΑΘΗΝΑ
ΑΦΜ: 069080810 - ΔΟΥ: ΨΥΧΙΚΟΥ - ΤΗΛ: 2107248900

ELEFTHERIOS KARAPIDAKIS
Digitally signed by ELEFTHERIOS KARAPIDAKIS
DN: cn=ELEFTHERIOS KARAPIDAKIS gn=ELEFTHERIOS c=GR
Reason: I am the author of this document
Location:
Date: 2024-04-03 12:14+03:00

WIND FARM "XEFOTO" - POWER 105,4MW
MIKI COUNCIL - XANTHI REGIONAL UNIT

ENVIRONMENTAL IMPACT ASSESSMENT

Project Owner:
Helleniq Renewables
Gravias 4A, 151 25, Marousi
T.: +30 2106302000, +30 2107725694
E.: info@elperes.gr

Consultant:

15.6.1-Γ

TOPIC:
TOPOGRAPHIC DIAGRAM OF WIND TURBINE POSITIONS, PLATFORMS, ROADS AND ELECTRICAL GRID

Background Map:
Greek Cadastral / Google Earth

Scale:
1:10.000

Date:
March 2024

Consultant Signature:

Authority Approval: