



# Annual Monitoring Report

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## TABLE OF CONTENTS

TABLES .....	iii
GRAPHICS.....	iv
FIGURES .....	v
PICTURES .....	vi
ABBREVIATIONS .....	viii
INTRODUCTION.....	ix
ANNUAL MONITORING REPORT SECTION 1 .....	x
PROJECT INFORMATION .....	1
ANNUAL CAPACITY INCREASE .....	2
Hydroelectric Power Plants.....	5
Locations.....	5
Capacities.....	5
Photos.....	6
Solar Energy Power Plants .....	9
Locations.....	9
Capacities.....	9
Photos.....	10
Wind Energy Power Plants.....	12
Locations.....	12
Capacities.....	12
Photos.....	13
ANNUAL MONITORING REPORT SECTION 2.....	15
STATEMENT OF REPRESENTATIVE AUTHORIZED BY SPONSOR .....	15
ANNUAL MONITORING REPORT SECTION 3.....	17
IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD.....	17
[PS1 PK1] Assessment and Management of Environmental & Social Risks and Impacts.....	23
MANAGEMENT SYSTEMS CERTIFICATION INFORMATION .....	23
AKFEN RENEWABLE® ENERGY DOCUMENTATION .....	28
Procedures, Plans and Instructions.....	28
System Infrastructures Used within the Scope of Quality Integrated Management Systems .....	29
Certification Bodies.....	29
ORGANIZATIONAL STRUCTURE .....	30
Management of Operation and Maintenance Activities.....	31
General Organizational Structure of Hydroelectric Power Plants .....	32
General Organizational Structure of Solar Power Plants.....	33
General Organizational Structure of Wind Power Plants .....	34
EXPERT COMPANIES SERVED .....	35
Experts Involved in the ESMS of the Whole Portfolio .....	36
TRAINING PROGRAM .....	37
AKFEN Renewable® Energy Training Program.....	37
Details of the Training Provided at AKFEN Renewable® Power Plants.....	40
AKFEN Renewable® Energy Head Office Training .....	45
PUBLIC RELATIONS AND STAKEHOLDER IMPACT MANAGEMENT STUDIES .....	49
TİKAV .....	49
Public Participation Meetings .....	49
Social Aids .....	59
NEW INITIATIVES/ADDITIONAL MANAGEMENT INITIATIVES ON E&S MATTERS.....	64
E&S INITIATIVES .....	64
E&S IMPLEMENTATIONS.....	67
E&S AUDITS.....	74
SUSTAINABILITY .....	74
GRIEVANCE MECHANISM.....	74
ENVIRONMENTAL AND SOCIAL STATUS DETECTION.....	92
[PS2 PK2] Labor and Working Conditions.....	94
HUMAN RESOURCES POLICY.....	94
HUMAN RESOURCES PROCEDURE .....	99
EMPLOYEE SATISFACTION.....	103
Employee Satisfaction Survey Analysis- 2021 .....	104
Employee Stress Level Determination Questionnaire-2021.....	110
OCCUPATIONAL HEALTH & SAFETY.....	117
Identification of the hazard.....	117
Substitution of chemicals.....	121
Controls .....	127
Workplace Surveillance Data .....	128
Occupational Health and Safety Indicators .....	133
[PS3 PK3] Resource Efficiency and Pollution Prevention.....	136
ENVIRONMENTAL MONITORING DATA .....	136



Environmental Noise.....	136
Liquid Waste .....	136
Material Leakage & Spill Response Preparations.....	138
Temporary Waste Storage .....	142
RESOURCES AND ENERGY CONSUMPTION .....	146
[PS4   PK4] Community Health, Safety and Security.....	157
PRACTICES RELATED TO COMMUNITY HEALTH AND SAFETY.....	157
OFF-SITE EMERGENCY ACTION PLANS .....	160
SECURITY.....	161
[PS5   PK5] Land Acquisition & Involuntary Resettlement.....	164
[PS6   PK6] Biodiversity Conservation and Sustainable Management of Living Natural Resources.....	166
BIODIVERSITY.....	166
BIODIVERSITY MONITORING STUDIES.....	170
WPP Projects Landscape and Rehabilitation Studies .....	185
PS8 Cultural Heritage.....	192
PROTECTION OF CULTURAL HERITAGE .....	192
PK 10 Information Disclosure and Stakeholder Engagement.....	194
ANNUAL MONITORING REPORT CHAPTER 4.....	196
NEW DEVELOPMENTS / CORPORATE FINANCE.....	196
NEW DEVELOPMENTS.....	197
Social & Environmental Selection / Screening .....	197
ANNUAL MONITORING REPORT SECTION 5.....	201
ACTION PLANS .....	201
Action Plan Status (ESAP) and Update .....	202
ANNUAL MONITORING REPORT SECTION 6.....	222
DEVIATIONS / NON-COMPLIANCES.....	222
APPENDICES.....	224
APPENDIX- 01 ESMP PREPARED AND REVISED IN 2021 .....	224
APPENDIX- 02 AKFEN RENEWABLE® ENERGY TRAINING PROGRAM.....	224
APPENDIX- 03 ENVA MÜHENDİSLİK SITE OBSERVATION REPORTS .....	224
APPENDIX- 04 POWER PLANT COMMUNICATION INSTRUCTIONS.....	224
APPENDIX- 05 2021 OCCUPATIONAL HYGIENE MEASUREMENT REPORTS .....	224
APPENDIX- 06 RES PROJECTS LANDSCAPE AND REHABILITATION STUDIES .....	224
APPENDIX- 07 OFF-SITE EMERGENCY PLAN .....	224
APPENDIX- 08 BIODIVERSITY WORKS.....	224
APPENDIX- 09 EMPLOYEE SATISFACTION AND EMPLOYEE STRESS ASSESSMENT SURVEY.....	224
APPENDIX-10 FISH CATCHING, TRANSPORT AND RELEASE WORKS.....	224
APPENDIX- 11 2021 ICOLD CONTROL REPORTS .....	224
APPENDIX- 12 FISH PASSES AND FLOW OBSERVATION STATIONS (AGI) FIELD OBSERVATION REPORT.....	224
APPENDIX- 13 P05- HUMAN RESOURCES PROCEDURE .....	224
APPENDIX- 14 NON-TECHNICAL SUMMARY OF HYBRID SPP PROJECTS .....	224



## TABLES

Table 1. PLANT GENERAL INFORMATION UNDER OPERATION .....	1
Table 2. CAPACITY INCREASE (2009-2021) .....	2
Table 3. HYDROELECTRIC PLANTS CAPACITIES .....	5
Table 4. SOLAR ENERGY POWER PLANTS CAPACITIES .....	9
Table 5. WIND ENERGY POWER PLANT CAPACITIES .....	13
Table 6. CAPACITY INCREASE IN WPP PROJECTS .....	19
Table 7. PERMIT PROCESSES FOR CAPACITY INCREASE OF WPP PROJECTS .....	19
Table 8. HYBRID PROJECTS CAPACITY INCREASE INFORMATION .....	20
Table 9. PERMIT PROCESSES FOR HYBRID PROJECTS CAPACITY INCREASE .....	20
Table 10. INTEGRATED MANAGEMENT SYSTEM CERTIFICATION INFORMATION LIST .....	23
Table 11. PLANTS WITHIN THE SCOPE OF THE CERTIFICATION .....	25
Table 12. REVISION LIST OF PROCEDURE, PLAN AND INSTRUCTIONS .....	28
Table 13. PROGRAM INFRASTRUCTURE USED IN THE INTEGRATED MANAGEMENT SYSTEM .....	29
Table 14. CERTIFICATION PROCESS INFORMATION .....	29
Table 15. 2021 HPP PROJECTS AND LIST OF ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES .....	32
Table 16. 2021 SPP PROJECTS AND LIST OF ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES .....	33
Table 17. LIST OF 2021 WPP PROJECTS AND ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES .....	34
Table 18. EXPERT COMPANIES SERVICED .....	35
Table 19. NUMBER OF RESPONSIBLE STAFF & EXPERT ON ENVIRONMENTAL & SOCIAL ISSUES (2021) .....	36
Table 20. TRAINING HOURS PROVIDED WITHIN THE SCOPE OF AKFEN RENEWABLE® ENERGY TRAINING PROGRAM .....	41
Table 21. IN-HOUSE OHS-ESS TRAININGS .....	44
Table 22. TRAINING TOPICS ON ENVIRONMENTAL AND SOCIAL ISSUES THAT HEAD OFFICE MANAGEMENT TEAM RECEIVED .....	45
Table 23. EXAMPLES OF SOCIAL AIDS IN 2021 .....	59
Table 24. ASSOCIATIONS THAT AKFEN YENİLENEBİLİR® ENERGY IS A MEMBER .....	65
Table 25. HPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM .....	78
Table 26. SPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM .....	81
Table 27. WPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM .....	84
Table 28. LIST OF CURRENT CASE .....	91
Table 29. 2021 WORKFORCE PROFILE .....	100
Table 30. 2021 LABOR DETAIL TABLE .....	101
Table 31. COVID-19 CASE TRACKING TABLE .....	119
Table 32. EXAMPLE OF WASTE CODING-DOĞANÇAY HPP .....	122
Table 33. 2021 BEKRA DECLARATION FACILITIES AND THEIR CHEMICAL QUANTITIES .....	126
Table 34. LIST OF SCOPE AND MEASUREMENT DATES FOR 2021 OCCUPATIONAL HYGIENE MEASUREMENTS .....	128
Table 35. TEST INSPECTION DATES .....	129
Table 36. OHS STATISTICS .....	133
Table 37. ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES .....	133
Table 38. ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES .....	133
Table 39. OCCUPATIONAL ACCIDENTS STATISTICS .....	135
Table 40. LEAKAGE SPILL EXERCISES PERFORMED AT THE FACILITIES IN 2021 .....	142
Table 41. FACILITY WASTE AREAS UNDER THE WASTE MANAGEMENT REGULATION .....	146
Table 42. PHOTOVOLTAIC PANELS .....	147
Table 43. AKFEN RENEWABLE ENERGY & GLOBAL RESOURCES CONSUMPTION IN 2021 .....	150
Table 44. LIST OF EMISSION REDUCTION FACTORS RELATED TO POWER PLANT .....	151
Table 45. AKFEN RENEWABLE® ENERGY HEAD OFFICE AND FACILITIES CO2 REDUCTION TABLE .....	152
Table 46. ELECTRICITY GENERATION AND GREENHOUSE GAS REDUCTION AMOUNTS BY YEARS .....	155
Table 47. 2021 WASTE LIST .....	156
Table 48. ADDITIONAL TRAININGS AND DURATIONS RECEIVED BY SECURITY PERSONNEL .....	162
Table 49. RESETTLEMENT INDICATORS .....	164
Table 50. COMPLAINTS OR DISPUTES RELATING TO LAND ACQUISITION OR RESETTLEMENT .....	165
Table 51. THE DIGITAL NOTIFICATIONS REGARDING ANIMAL OBSERVATIONS SENT FROM FACILITIES IN 2021 .....	167
Table 52. DATA ON LANDSCAPE WORKS DONE IN 2021 .....	186
Table 53. SELECTION AND ELIMINATION PROCESS FOR NEWLY DEVELOPED PROJECTS .....	200



## GRAPHICS

Graphic 1. CAPACITY DISTRIBUTION ACCORDING TO THE TYPE OF POWER PLANT .....	2
Graphic 2. INSTALLED POWER CAPACITY INCREASE (2009-2021) .....	3
Graphic 3. THE CUMULATIVE CAPACITY INCREASE (2009-2021) .....	3
Graphic 4. POWER PLANT CAPACITIES IN 2021 .....	4
Graphic 5. TRAINING PROGRAM AND TRAINING HOURS .....	45
Graphic 6. CLOSED / ONGOING REQUEST/SUGGESTION/COMPLAINTS RATES IN 2021 (TOTAL HPP,SPP AND WPP) .....	90
Graphic 7. REQUEST/SUGGESTION / COMPLAINTS RATIOS IN 2021 (TOTAL HPP,SPP AND WPP) .....	90
Graphic 8. RATIO OF EMPLOYEES DIRECTLY / UNDER THE CONTRACTOR .....	102
Graphic 9. AKFEN RENEWABLE® ENERGY HEAD OFFICE WOMAN / MAN WORKER RATIO .....	102
Graphic 10. TOTAL WORKING TIME OF EMPLOYEES IN THE ORGANIZATION .....	105
Graphic 11. PROVIDED TRAININGS .....	105
Graphic 12. RATE OF FINDING TRAINING CONTENT PRODUCTIVE .....	106
Graphic 13. THE RATE OF FINDING THE WORK AREA ERGONOMIC (TO WORK COMFORTABLY) .....	106
Graphic 14. THE RATE OF THINKING THAT THE NECESSARY MEASURES ARE TAKEN WITHIN THE SCOPE OF OHS IN THE WORK AREA .....	107
Graphic 15. THE RATE OF THINKING THAT THE COMPANY ATTACHES THE NECESSARY IMPORTANCE TO THE OHS RULES AND PRACTICES .....	107
Graphic 16. THE RATE OF THINKING THAT THE COMPANY ATTACHES IMPORTANCE TO ENVIRONMENTAL ISSUES IN THE OPERATION PROCESS .....	108
Graphic 17. THE RATE OF COMFORTABLY/CONFIDENTLY CONVEYING THE NEGATIVE WORKING SITUATIONS ENCOUNTERED OR TO BE ENCOUNTERED IN THE COMPANY .....	108
Graphic 18. RATE OF TRANSFERRING NOTIFICATIONS WITHIN THE SCOPE OF AKFEN RENEWABLE® ENERGY REQUEST, SUGGESTION AND GRIEVANCE MECHANİSM .....	109
Graphic 19. AKFEN RENEWABLE® ENERGY REQUESTS, SUGGESTİONS AND COMPLAINTS .....	109
Graphic 20. Rate of thinking that the job requires too much force (effort) .....	110
Graphic 21. The rate of finding time to do the desired actions/activities/operations .....	110
Graphic 22. The rate of encountering undesirable demands/requests in the workplace .....	111
Graphic 23. Rate of feeling irritable or nervous while working .....	111
Graphic 24. Rate of getting along with co-workers .....	112
Graphic 25. The rate of feeling peaceful while working .....	112
Graphic 26. Rate of getting along with your manager .....	112
Graphic 27. The rate of feeling understood .....	113
Graphic 28. Concern for the future .....	113
Graphic 29. Rate of feeling safe at work .....	113
Graphic 30. Rate of thinking that you have turned into a more irritable and nervous person at work .....	114
Graphic 31. Rate of feeling lonely at work .....	114
Graphic 32. Rate of thinking that there is ease of communication .....	114
Graphic 33. Rate of being bored or bored at work .....	115
Graphic 34. Satisfaction rate from working speed .....	115
Graphic 35. The rate of feeling adequate in time management .....	115
Graphic 36. Education Opportunity Evaluation .....	116
Graphic 37. Workplace routine inquiries .....	116
Graphic 38. Doing business rate of thinking that they have a choice .....	116
Graphic 39. The rate of thinking that they have the right to choose .....	117
Graphic 40. AKFEN RENEWABLE® ENERGY COVID-19 CASES .....	120
Graphic 41. ACCIDENTAL EVENTS GRAPHS FOR 2021 .....	134
Graphic 42. ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES .....	134
Graphic 43. ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES .....	135
Graphic 44. 2021 POWER PLANT GENERATION DATA .....	153
Graphic 45. 2016-2020 AMOUNT OF ELECTRICITY GENERATION .....	155
Graphic 46. AMOUNT OF GREENHOUSE GAS REDUCTION (tCO2) .....	155



## FIGURES

Figure 1. HPP PROJECT LOCATIONS .....	5
Figure 2. SPP PROJECT LOCATIONS .....	9
Figure 3. WPP PROJECT LOCATIONS .....	12
Figure 4. AKFEN RENEWABLE® ENERGY TIMELINE (2009-2021) .....	21
Figure 5. AKFEN RENEWABLE® ENERGY ENVIRONMENTAL   SOCIAL   OHS   HUMAN RESOURCES ORGANIZATIONAL STRUCTURE .....	30
Figure 6. OPERATION AND MAINTENANCE MANAGEMENT ORGANIZATION .....	31
Figure 7. HPP GENERAL ORGANIZATION CHART (2021) .....	32
Figure 8. SPP GENERAL ORGANIZATION CHART (2021) .....	33
Figure 9. WPP GENERAL ORGANIZATION CHART (2021) .....	34
Figure 10. AKFEN RENEWABLE® ENERGY TRAINING PROGRAM .....	37
Figure 11. AKFEN RENEWABLE® ENERGY TRAINING PROGRAM TOPICS .....	39
Figure 12. CONSUMPTION DATA RECORDING SYSTEM SAMPLE IMAGE-M Files .....	67
Figure 13. 2021 ZERO WASTE TARGETS TRAINING .....	68
Figure 14. 2021 CLIMATE CHANGE TRAINING .....	73
Figure 15. SUGGESTION & COMPLAINT BOX DESIGN .....	75
Figure 16. PRINTED VERSION OF SUGGESTION & COMPLAINT FORM .....	75
Figure 17. SUGGESTION & COMPLAINT BOX VISUAL-EXAMPLE OF ÜÇPINAR WPP PROJECT .....	76
Figure 18. COMMUNICATION POSTERS FOR LOCAL PEOPLE AND EMPLOYEES .....	77
Figure 19. AKFEN RENEWABLE® ENERGY QUALITY POLICY .....	94
Figure 20. AKFEN RENEWABLE® ENERGY OHS POLICY .....	94
Figure 21. RENEWABLE® ENERGY ENVIRONMENTAL POLICY .....	95
Figure 22. AKFEN RENEWABLE® ENERGY EFFICIENCY POLICY .....	95
Figure 23. AKFEN RENEWABLE® ENERGY SOCIAL RESPONSIBILITY POLICY .....	97
Figure 24. AKFEN RENEWABLE® POLICY FOR THE PREVENTION OF ANTI-COMPETITIVE ACTIVITIES .....	97
Figure 25. AKFEN RENEWABLE® ENERGY HUMAN RESOURCES POLICY .....	98
Figure 26. AKFEN RENEWABLE® INFORMATION SECURITY POLICY .....	99
Figure 27. POWER PLANT COMMUNICATION INSTRUCTIONS-AMASYA BOYALI SPP .....	103
Figure 28. EMPLOYEE SATISFACTION SURVEY PARTICIPATION RATE .....	104
Figure 29. CONTENT OF CHEMICALS TRAINING .....	121
Figure 30. ENVA ENGINEERING SITE OBSERVATION REPORT SAMPLE OF SAR-DEM WPP AND DENİZLİ WPP AREAS .....	127
Figure 31. EXAMPLE OF LIFTING SYSTEM TEST REPORT .....	130
Figure 32. EXAMPLE OF HORIZONTAL-VERTICAL LIFELINE INSPECTION REPORT .....	131
Figure 33. GÖRSEL EXAMPLE OF PRESSURE VESSEL/AIR TANK INSPECTION .....	132
Figure 34. ENVIRONMENTAL INTERACTION TRAINING PRESENTATION-LIQUID WASTE SECTION .....	137
Figure 35. ENVIRONMENTAL SOCIAL MANAGEMENT PLAN COVER .....	138
Figure 36. ENVIRONMENTAL EMERGENCY RESPONSE INSTRUCTIONS COVER .....	138
Figure 37. ENVIRONMENTAL EMERGENCY RESPONSE TRAINING .....	140
Figure 38. EXAMPLE OF CURRENT WASTE MANAGEMENT PLAN-ÇALIKOBASI HPP .....	142
Figure 39. WASTE MANAGEMENT TRAINING FILE .....	144
Figure 40. PRODUCTION AND GREENHOUSE GAS REDUCTION DATA-2021 .....	154
Figure 41. SAFETY PLAN AND INSTRUCTIONS .....	163
Figure 42. BIODIVERSITY TRAINING PRESENTATION FILE .....	167
Figure 43. DOCUMENT ON THE DELIVERY OF ENDEMIC PLANT SEEDS COLLECTED IN 2021 TO THE GENE BANK .....	171
Figure 44. 2021 İOTA M. FIRINCI SPP BIODIVERSITY MONITORING STUDIES .....	177
Figure 45. DENİZLİ WPP 2021 BIODIVERSITY MONITORING STUDIES .....	178
Figure 46. ÜÇPINAR WPP 2021 BIODIVERSITY MONITORING STUDIES .....	179
Figure 47. KOCALAR WPP 2021 BIODIVERSITY MONITORING STUDIES .....	180
Figure 48. HASANOBA WPP 2021 BIODIVERSITY MONITORING STUDIES .....	180
Figure 49. CULTURAL HERITAGE TRAINING PRESENTATION FILE .....	193



## PICTURES

Picture 1. OTLUCA HPP PHOTOS .....	6
Picture 2. SIRMA HPP PHOTOS.....	6
Picture 3. SEKİYAKA HPP PHOTOS.....	6
Picture 4. DEMİRCİLER HPP PHOTOS.....	6
Picture 5. KAVAKÇALI HPP PHOTOS .....	7
Picture 6. GELİNKAYA HPP PHOTOS .....	7
Picture 7. SARAÇBENDİ HPP PHOTOS.....	7
Picture 8. ÇAMLICA III HPP PHOTOS.....	7
Picture 9. DORUK HPP PHOTOS .....	8
Picture 10. YAĞMUR HPP PHOTOS .....	8
Picture 11. DOĞANÇAY HPP PHOTOS.....	8
Picture 12. ÇALIKOBASI HPP PHOTOS .....	8
Picture 13. ÇİÇEKLİ HPP PHOTOS .....	8
Picture 14. DENİZLİ SPP PROJECTS PHOTOS.....	10
Picture 15. YAYSUN SPP PHOTOS.....	10
Picture 16. AMASYA SPP PROJECTS PHOTOS .....	10
Picture 17. TOKAT SPP PROJECTS PHOTOS .....	10
Picture 18. OMICRON ENGİL 208 SPP, OMICRON ERCİŞ SPP, PSI ENGİL 207 SPP PHOTOS.....	11
Picture 19. MT DOĞAL SPP PHOTOS .....	11
Picture 20. ME-SE SPP PHOTOS.....	11
Picture 21. SOLENTEGRE SPP and KARİNE SPP PHOTOS.....	11
Picture 22. FIRINCI SPP PHOTOS .....	12
Picture 23. HASANOBA WPP PHOTOS.....	13
Picture 24. KOCALAR WPP PHOTOS.....	13
Picture 25. ÜÇPINAR WPP PHOTOS.....	13
Picture 26. SAR-DEM WPP PHOTOS.....	14
Picture 27. DENİZLİ WPP PHOTOS.....	14
Picture 28. PRESS REFLECTIONS ON OUR AKFEN RENEWABLE® ENERGY SUSTAINABILITY RESULT .....	18
Picture 29. ICIM ISO 9001:2015 UP-TO-DATE CERTIFICATE AND IQNET ISO 9001:2015 CERTIFICATE APPENDIX .....	26
Picture 30. ICIM ISO 14001:2015 UP-TO-DATE CERTIFICATE and IQNET ISO 14001:2015 CERTIFICATE APPENDIX.....	26
Picture 31. ISO 45001:2018 UP-TO-DATE CERTIFICATE and IQNET ISO 45001:2018 CERTIFICATE APPENDIX .....	27
Picture 32. ICIM EN ISO 50001:2018 UP-TO-DATE CERTIFICATE and IQNET EN ISO 50001:2018 CERTIFICATE APPENDIX.....	27
Picture 33. TRAININGS WITHIN THE SCOPE OF 2021 AKFEN RENEWABLE® ENERGY TRAINING PROGRAM.....	46
Picture 34. 2021 IN-HOUSE OHS-ESS TRAININGS .....	46
Picture 35. ONLINE TRAINING PHOTOS IN 2021 .....	47
Picture 36. PHOTOS OF THE SITUATION AFTER FLOOD DISASTER OF ÇİÇEKLİ HPP FACILITY AREA .....	48
Picture 37. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN DENİZLİ AND AYDIN PROVINCES.....	50
Picture 38. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF HASANOBA WIND POWER PLANT PROJECT .....	52
Picture 39. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF KOCALAR WIND POWER PLANT CAPACITY INCREASE PROJECT.....	53
Picture 40. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF SARITEPE WIND POWER PLANT CAPACITY INCREASE PROJECT.....	54
Picture 41. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN KAHRAMANMARAŞ .....	54
Picture 42. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN GAZİANTEP PROVINCE.....	54
Picture 43. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE UCPINAR WIND POWER PLANT CAPACITY INCREASE PROJECT .....	55
Picture 44. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN OSMANIYE WITHIN THE SCOPE OF DEMİRCİLER HYBRID SOLAR POWER PLANT PROJECT.....	56
Picture 45. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF HASANOBA HYBRID SOLAR POWER PLANT PROJECT .....	57
Picture 46. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF SARITEPE HYBRID SOLAR POWER PLANT PROJECT. 57	57
Picture 47. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE UCPINAR HYBRID SOLAR POWER PLANT PROJECT .....	58
Picture 48. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE DENİZLİ HYBRID SOLAR POWER PLANT PROJECT .....	58
Picture 49. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF KOCALAR HYBRID SOLAR POWER PLANT PROJECT. 59	59
Picture 50. SCHOOL UNIFORMS FOR KAVAKÇALI PRIMARY SCHOOL .....	61
Picture 51. KAVAKÇALI VILLAGE ANNOUNCEMENT SYSTEM, MUĞLA PROVINCE .....	61
Picture 52. RENOVATION SUPPORT IN VILLAGE BUILDINGS .....	61
Picture 53. SUPPORT FOR INFRASTRUCTURE WORKS.....	62
Picture 54. PHOTOS OF SUPPORT TO VILLAGE PRIMARY SCHOOLS .....	63

Picture 55. SEED MACHINE PURCHASED TO ATAKOY VILLAGE .....	63
Picture 56. CLOTHING AID FOR CHILDREN IN VILLAGES.....	63
Picture 57. GENERAL OHS WARNING SIGNS APPLIED AT OUR OPERATIONS .....	118
Picture 58. VISUALS OF COVID-19 EMERGENCY PLANS IN OUR BUSINESSES .....	119
Picture 59. HAZARDOUS WASTE AREA CHEMICAL MANAGEMENT SAMPLE VISUAL .....	125
Picture 60. EXAMPLE OF CHEMICAL STORAGE AREA .....	125
Picture 61. EXAMPLE OF SEPTIC TANK FIELD FOR ME-SE SPP .....	137
Picture 62. DORUK HPP- SEPTIC TANK FIELD-SEWAGE TRUCK .....	138
Picture 63. SPILL DRILL PHOTOS- ÜÇPINAR WPP .....	141
Picture 64. WASTE FIELD EXAMPLES-SEKIYAKA HPP AND DEMİRCİLER HPP .....	145
Picture 65. HASANOBA RES WASTE FIELD-WASTE TYPES SIGNAGE .....	145
Picture 66. PHOTOS IN THE BIODIVERSITY DIGITAL NOTIFICATIONS SENT FROM THE FACILITIES IN 2021 .....	169
Picture 67. SITE PHOTOS OF SEED COLLECTIONS OF ENDEMIC PLANT SPECIES .....	170
Picture 68. ÇALIKOBASI HPP FISH PASSAGES .....	172
Picture 69. DORUK HPP FISH PASSAGES.....	172
Picture 70. ÇAMLICA III HPP 2021 BOPDIVERSITY MONITORING .....	173
Picture 71. FISH CATCHING (ELECTRO SHOCKER, SPREADING, VARIOUS NETS, ETC.) .....	173
Picture 72. TRANSFER OF FISH IN LIVE FISH CONTAINERS .....	174
Picture 73. RELEASE OF TRANSPORTED FISH .....	174
Picture 74. ELECTRO SHOCKER CREATED BY MODIFICATION OF HONDA BRAND GENERATOR USED BY TWO PEOPLE .....	174
Picture 75. FISH SAMPLING USING PINTER .....	174
Picture 76. FISH SAMPLING USING SPREAD NET .....	174
Picture 77. FISH SAMPLING USING DRUM FISH BASKETS.....	174
Picture 78. <i>Capoeta damascina</i> .....	175
Picture 79. <i>Capoeta barroisi</i> .....	175
Picture 80. <i>Squalius lepidus</i> .....	175
Picture 81. <i>Oxynoemacheilus samanticus</i> .....	175
Picture 82. <i>Garra rufa</i> .....	176
Picture 83. TAKING THE CAPTURED FISH INTO WIDE BUCKETS AND TRANSPORTING THE FISH TO THE VEHICLE .....	176
Picture 84. RELEASE OF TRANSPORTED FISH .....	176
Picture 85. PHOTOS SHOWING ANIMAL CROSSING STRUCTURES .....	177
Picture 86. Common kestrel (left <i>Falco tinnunculus</i> ) and the common buzzard (right <i>Buteo buteo</i> ). © Süleyman Kenan Çüngür .....	181
Picture 87. The European nightjar ( <i>Caprimulgus europaeus</i> ). @Cenk Polat. ....	181
Picture 88. <i>Pipistrellus pipistrellus</i> carcass .....	182
Picture 89. <i>Nyctalus leisleri</i> carcass.....	182
Picture 90. Honey Buzzard ( <i>Pernis apivorus</i> ), Haziran 2021. © Evren Yıldız.....	183
Picture 91. Short-toed Snake-eagle ( <i>Circaetus gallicus</i> ) © Cenk Polat, 2021.....	183
Picture 92. Golden eagle ( <i>Aquila chrysaetos</i> ) © Cenk Polat, 2021.....	184
Picture 93. BAT CARCASES FOUND AROUND THE TURBINES IN THE WPP AREA.....	184
Picture 94. HYDROSEEDING APPLICATIONS .....	187
RESİM 95. PHOTOS OF THE VEGETATION CREATED AFTER THE HYDROSEEDING APPLICATION .....	187
Picture 96. TREE PLANT PHOTOS .....	189
Picture 97. LANDSCAPE WORKS ON THE POWER PLANT .....	190
Picture 98. EXAMPLES OF STAKEHOLDER ENGAGEMENT STUDIES .....	195





## ABBREVIATIONS

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EIA : Environmental Impact Assessment  
ESIA : Environmental Social Impact Assessment  
EOHS : Environmental, Occupational Health and Safety  
MLSS : Ministry of Labour and Social Security  
ESOHS : Environmental, Social, Occupational Health and Safety  
ESMS : Environmental and Social Management System  
E&S : Environmental and Social  
DSİ : General Directorate of State Hydraulic Works  
EBRD : European Bank for Reconstruction and Development  
EAR : Eco-System Assessment Report  
OHTL : Over Head Transmission Line  
ESAP : Environmental and Social Action Plan  
ESDD : Environmental and Social Due Diligence  
EMRA : Republic of Turkey Energy Market Regulatory Authority  
SPP : Solar Energy Power Plant  
HPP : Hydro Electric Power Plant  
ICOLD : International Commission of Large Dams  
IFC : International Finance Corporation  
HR : Human Resources  
OHS : Occupational Health and Safety  
PPE : Personal Protective Equipment  
CSR : Cooperate Social Responsibility  
M-FILES : M-Files brand for document control and storage  
MSDS : Material Safety Data Sheet  
PS : IFC Performance Standard  
PC : EBRD Performance Criteria  
SEP : Stakeholder Engagement Plan  
PPF : Project Presentation File  
WPP : Wind Energy Power Plant  
SAP : System Applications and Products  
NGO : Non-Governmental Organization  
TEDAŞ : Republic of Turkey Electricity Distribution Incorporation  
TİKAV : Republic of Turkey Human Resources and Health Foundation  
NTS : Non-Technical Summary  
TRCOLD : Turkish National Committee of International Mega Dams Commission  
ASR : Annual Surveillance Report  
FE : Fire Extinguisher  
MR : Management Review  
OSGB: Joint Health and Safety Unit



## INTRODUCTION

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Within the framework of EBRD & IFC investment agreements; AKFEN Renewable® Energy monitors the environmental and social impacts of its activities and prepares regular surveillance reports every year in this context.

In accordance with this purpose; this report has been prepared in accordance with the EBRD & IFC's preferred content listed below.

Main Sections;

ANNUAL MONITORING REPORT PART I	Project Information
ANNUAL MONITORING REPORT PART II	Statement by sponsor authorized representative
ANNUAL MONITORING REPORT PART III	Important environmental and social issues for the reporting period
ANNUAL MONITORING REPORT SECTION IV	New developments / Corporate finance
ANNUAL MONITORING REPORT CHAPTER V	Action plans
ANNUAL MONITORING REPORT CHAPTER VI	Deviations and nonconformities

This annual report covering the year 2021 is created by; second party monitoring and surveillance company Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti.



# ANNUAL MONITORING REPORT SECTION 1

## PROJECT INFORMATION

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## PROJECT INFORMATION

General information about the power plants in operation and the project progress are given below in tables and graphs.

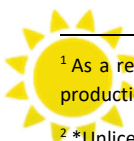
There are a total of 13 Hydroelectric Power Plants (HPPs) in Mersin, Aydın, Muğla, Denizli, Erzurum, Sivas, Kayseri, Giresun, Trabzon, Sakarya and Artvin provinces; a total of 14 Solar Power Plants in Denizli, Konya, Amasya, Tokat, Van, Elazığ and Malatya provinces, and a total of 6 Wind Power Plants in Denizli, Çanakkale and Osmaniye provinces.

The capacity and operation year information of these power plants are provided in Table 1 below.

**Table 1. PLANT GENERAL INFORMATION UNDER OPERATION**

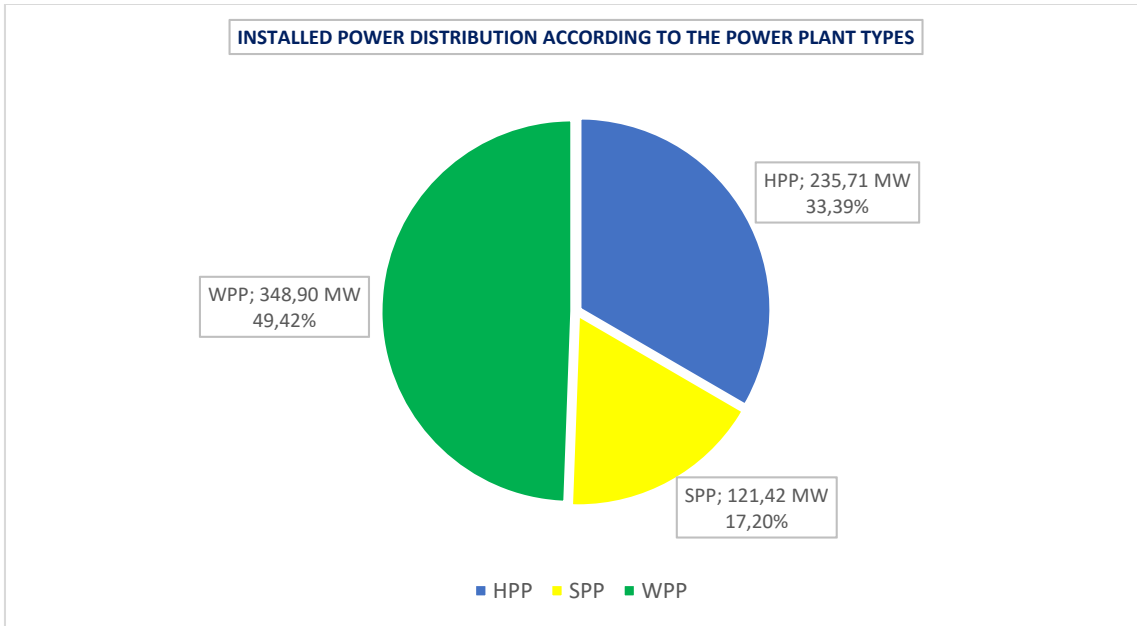
	NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)	
HYDROELECTRIC POWER PLANTS	01	OTLUCA	MERSİN	2011	48,77
	02	SIRMA	AYDIN	2009	6,66
	03	SEKİYAKA	MUĞLA	2014	3,53
	04	DEMİRCİLER	DENİZLİ	2011	8,70
	05	KAVAKÇALI	MUĞLA	2013	11,45
	06	GELİNKAYA	ERZURUM	2013	7,08
	07	SARAÇBENDİ	SİVAS	2011	26,27
	08	ÇAMLICA III	KAYSERİ	2011	28,48
	09	DORUK	GİRESUN	2014	28,89
	10	YAĞMUR	TRABZON	2012	9,19
	11	DOĞANÇAY	SAKARYA	2014	31,61
	12	ÇALIKOBASI	GİRESUN	2018	18,11
	13	ÇİÇEKLİ <sup>1</sup>	ARTVIN	2019	6,99
SOLAR POWER PLANTS	14	DENİZLİ SPP PROJECTS <sup>2*</sup>	DENİZLİ	2015	7,40
	15	YAYSUN (licensed)	KONYA	2018	12,10
	16	YAYSUN (unlicensed)*	KONYA	2014	0,62
	17	AMASYA SPP PROJECTS *	AMASYA	2017	11,20
	18	TOKAT SPP PROJECTS *	TOKAT	2017	5,60
	19	OMICRON ENGİL 208	VAN	2018	12,10
	20	OMICRON ERCİŞ	VAN	2018	12,10
	21	PSI ENGİL 207	VAN	2019	13,00
	22	MT DOĞAL	KONYA	2018	12,10
	23	ME-SE	KONYA	2018	12,10
	24	SOLENTGRE (licensed)	ELAZIĞ	2016	9,10
	25	SOLENTGRE (unlicensed)*	ELAZIĞ	2016	0,60
	26	KARİNE*	ELAZIĞ	2017	0,50
	27	FIRINCI	MALATYA	2020	12,90
WIND POWER PLANTS	28	KOCALAR	ÇANAKKALE	2019	30,60
	29	ÜÇPİNAR	ÇANAKKALE	2019	112,20
	30	HASANOBA	ÇANAKKALE	2019	51,00
	31	DENİZLİ	DENİZLİ	2019	74,80
	32	SARITEPE	OSMANİYE	2020	57,00
	33	DEMİRCİLER	OSMANİYE	2020	23,30
<b>TOTAL</b>				<b>706,03</b>	

The installed power data for 2021 is shown graphically in line with the capacity distribution according to the power plant types. According to this distribution, 49.42% of the total installed power is Wind Energy Portfolio, 33.39% Hydro Electric Energy Portfolio and 17.20% Solar Energy Portfolio.



<sup>1</sup> As a result of the natural disaster on July 22, 2021, a large part of Çiçekli HPP facility was flooded and our facilities became unusable and production activity was terminated. It has therefore been omitted from the statistics added throughout the report after 22 July 2021.

<sup>2</sup> \*Unlicensed power plants that are not subject to EMRA license.



Graphic 1. CAPACITY DISTRIBUTION ACCORDING TO THE TYPE OF POWER PLANT

## ANNUAL CAPACITY INCREASE

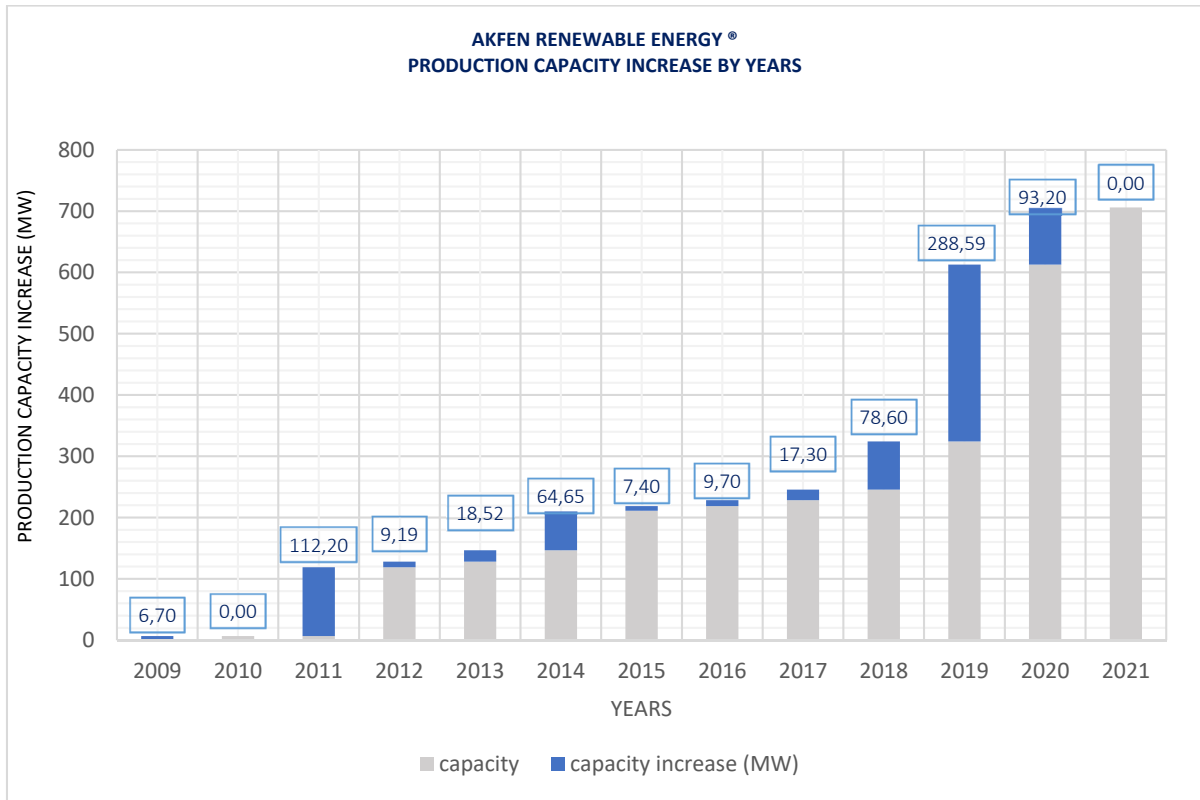
As a reflection of the economic effects of the pandemic in 2021, the installed capacity has not changed; annual capacity increase data for the years 2009-2021 are provided below in tables and graphics.

Table 2. CAPACITY INCREASE (2009-2021)

<u>YEAR</u>	<u>CAPACITY INCREASE (MW)</u>	<u>CUMULATIVE INCREASE (MW)</u>
2009	6,7	6,7
2010	0	6,7
2011	112,2	118,9
2012	9,19	128,1
2013	18,52	146,6
2014	64,65	211,64
2015	7,4	218,64
2016	9,7	228,34
2017	17,3	245,64
2018	78,6	324,24
2019	288,59	612,83
2020	93,2	706,03
2021	0	<b>706,03</b>

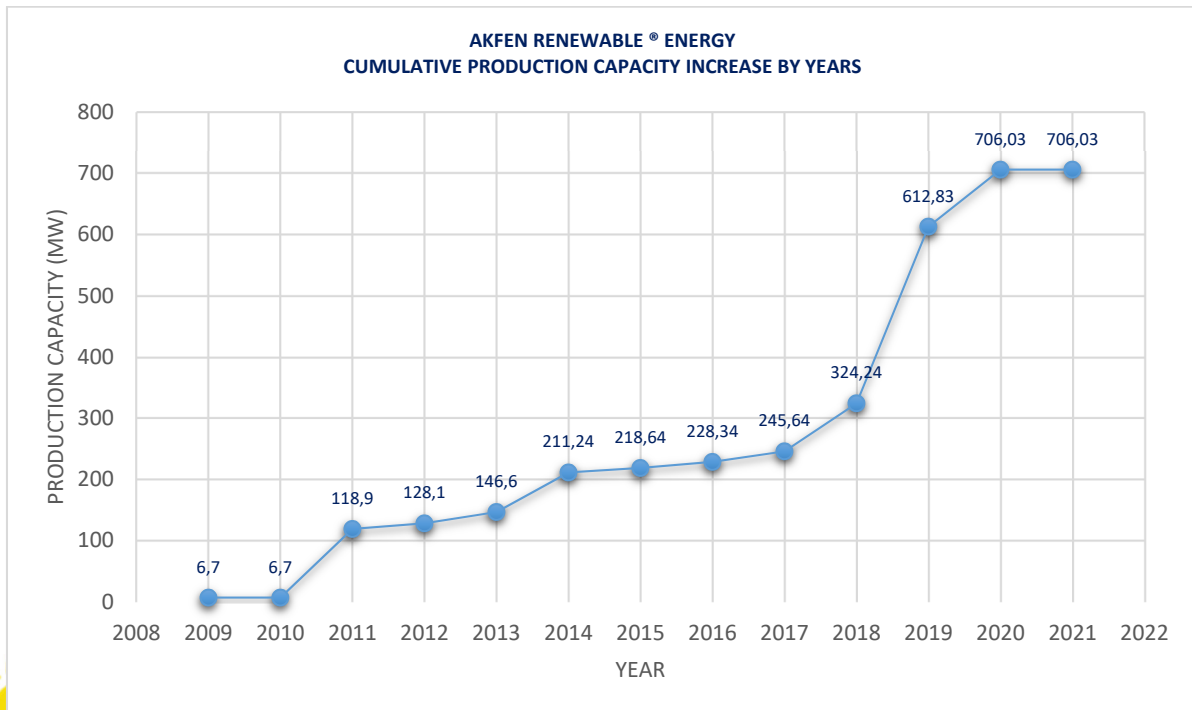


The graph of the installed power capacity increase between 2009 and 2021 is provided below.



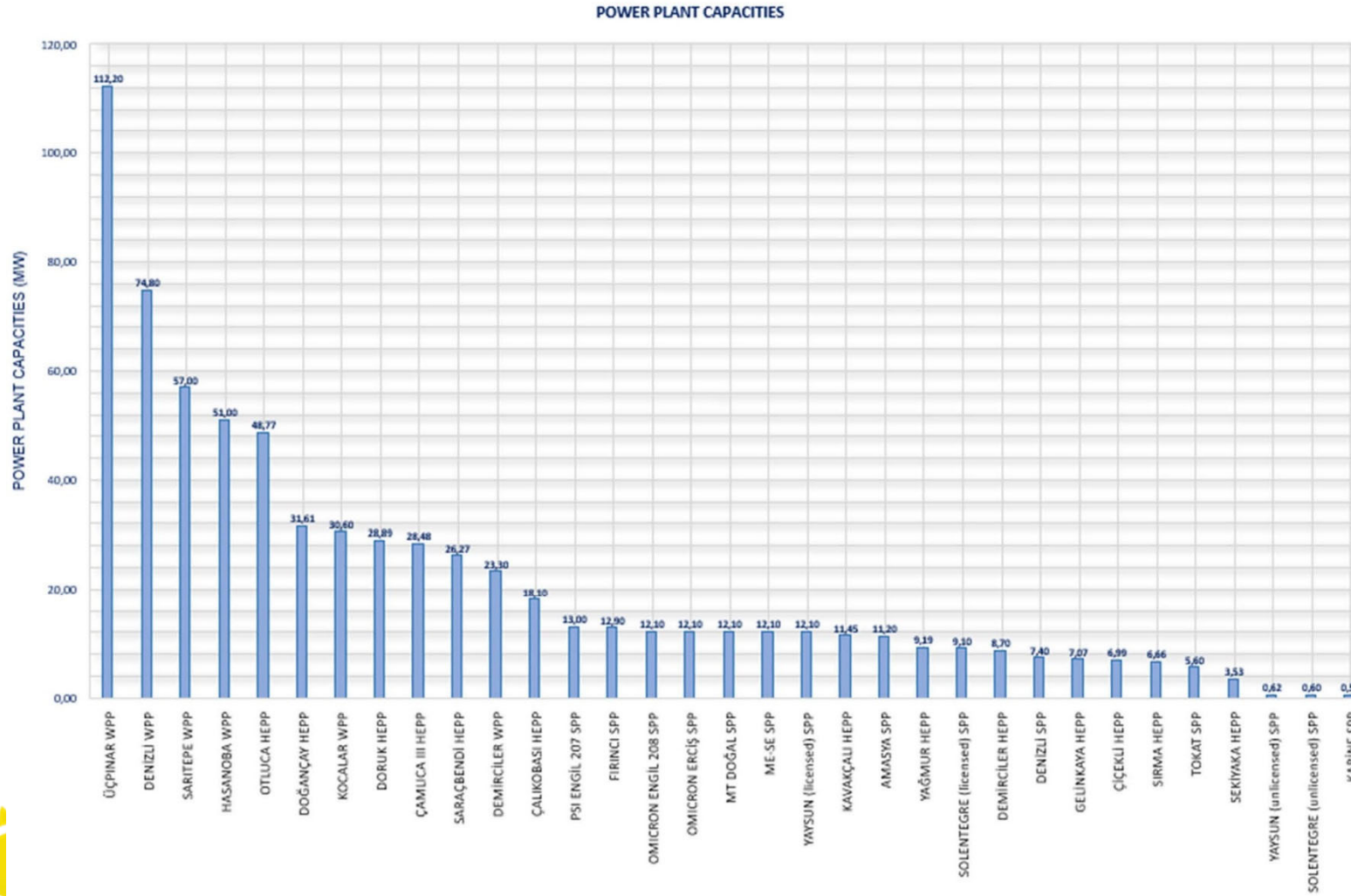
**Graphic 2. INSTALLED POWER CAPACITY INCREASE (2009-2021)**

The cumulative capacity increase graph for the years between 2009 and 2021, with the installed capacity increase data for 2021 included, is provided below.



**Graphic 3. THE CUMULATIVE CAPACITY INCREASE (2009-2021)**

The list of installed power capacities for 2021 is provided below.



Graphic 4. POWER PLANT CAPACITIES IN 2021



## Hydroelectric Power Plants

### Locations

A total of 13 Hydroelectric Power Plants (HPPs) are in operation in Mersin, Aydın, Muğla, Denizli, Erzurum, Sivas, Kayseri, Giresun, Trabzon, Sakarya and Artvin provinces.

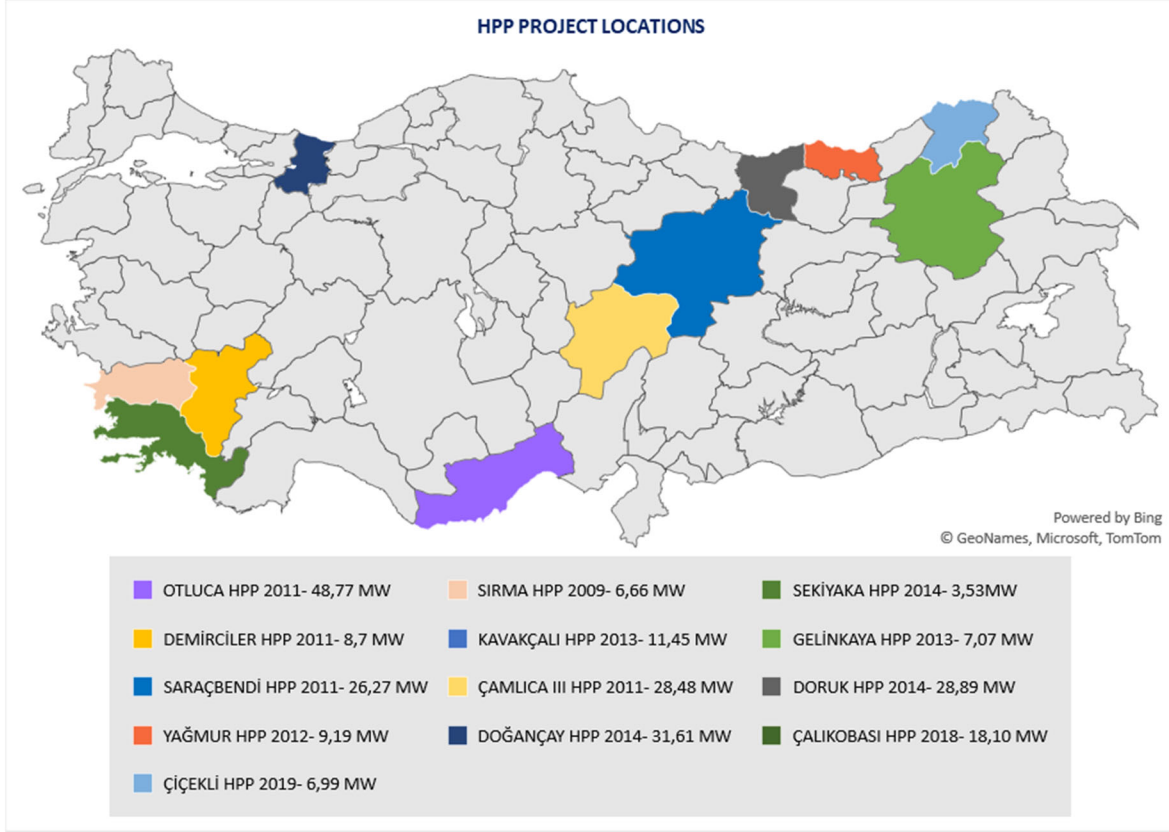


Figure 1. HPP PROJECT LOCATIONS

### Capacities

The total capacity of the HPP in operation is 235.71 MW.

Table 3. HYDROELECTRIC PLANTS CAPACITIES

NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)	
<b>HYDROELECTRIC POWER PLANTS</b>				
01	OTLUCA	MERSİN	2011	48,77
02	SIRMA	AYDIN	2009	6,66
03	SEKİYAKA	MUĞLA	2014	3,53
04	DEMİRCİLER	DENİZLİ	2011	8,70
05	KAVAKÇALI	MUĞLA	2013	11,45
06	GELİNKAYA	ERZURUM	2013	7,08
07	SARAÇBENDİ	SİVAS	2011	26,27
08	ÇAMLICA III	KAYSERİ	2011	28,48
09	DORUK	GİRESUN	2014	28,89
10	YAĞMUR	TRABZON	2012	9,19
11	DOĞANÇAY	SAKARYA	2014	31,61
12	ÇALIKOBASI	GİRESUN	2018	18,11
13	ÇİÇEKLİ	ARTVİN	2019	6,99
<b>TOTAL</b>				<b>235,71</b>



## Photos

Photos of the HPP projects in operation are provided below.



Picture 1. OTLUCA HPP PHOTOS



Picture 2. SIRMA HPP PHOTOS



Picture 3. SEKİYAKA HPP PHOTOS



Picture 4. DEMİRCİLER HPP PHOTOS





Picture 5. KAVAKÇALI HPP PHOTOS



Picture 6. GELİNKAYA HPP PHOTOS



Picture 7. SARAÇBENDİ HPP PHOTOS



Picture 8. ÇAMLIÇA III HPP PHOTOS

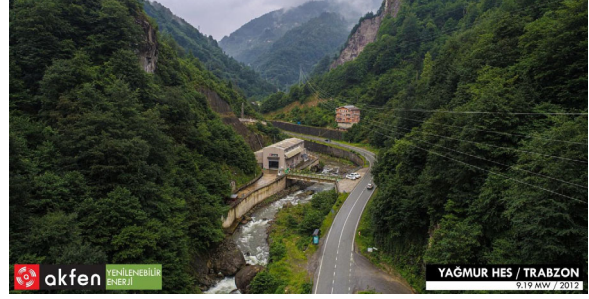




Picture 9. DORUK HPP PHOTOS



Picture 10. YAĞMUR HPP PHOTOS



Picture 11. DOĞANÇAY HPP PHOTOS



Picture 12. ÇALIKOBASI HPP PHOTOS



Picture 13. ÇİÇEKLİ HPP PHOTOS



## Solar Energy Power Plants

### Locations

A total of 14 Solar Power Plants are in operation in Denizli, Konya, Amasya, Tokat, Van, Elazığ and Malatya provinces.

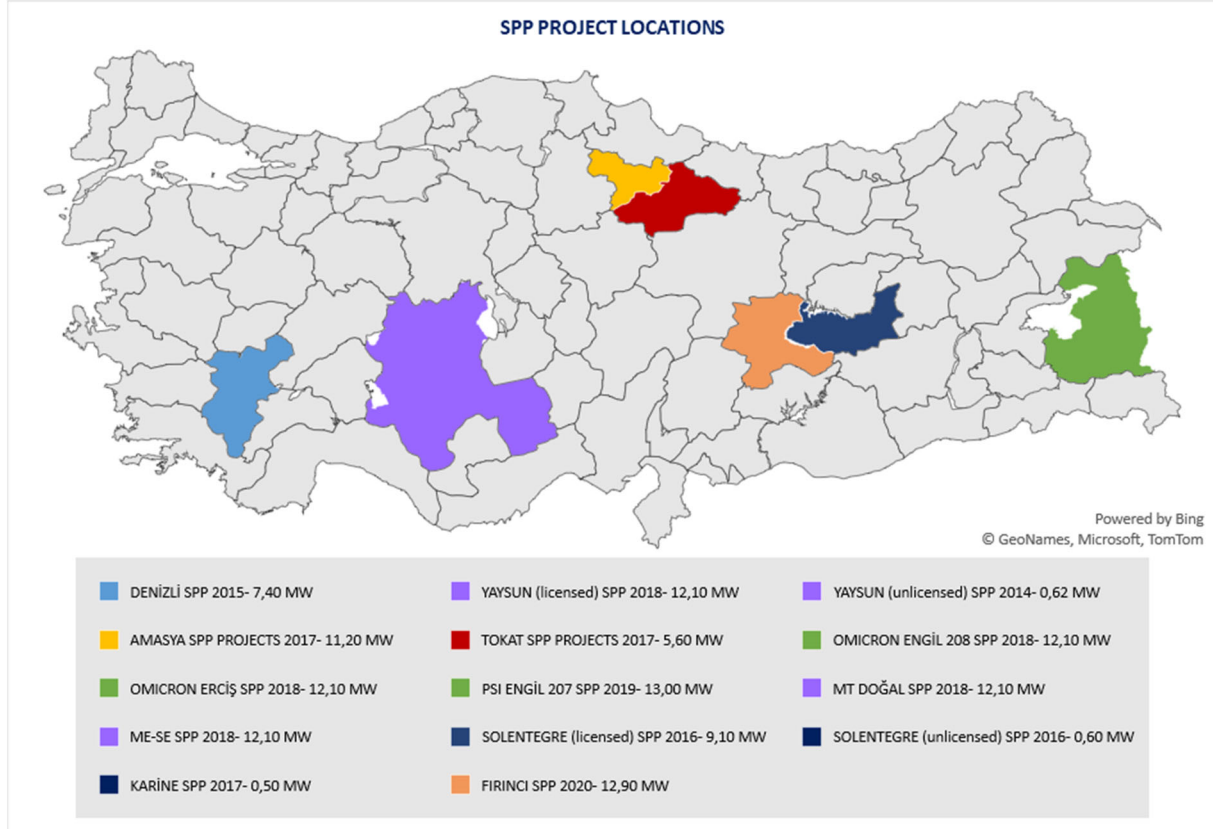


Figure 2. SPP PROJECT LOCATIONS

### Capacities

The total capacity of the SPP in operation is 121.42 MW.

Table 4. SOLAR ENERGY POWER PLANTS CAPACITIES

	NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)
<b>SOLAR POWER PLANTS</b>				
1	DENİZLİ SPP PROJECTS <sup>3*</sup>	DENİZLİ	2015	7,40
2	YAYSUN (licensed)	KONYA	2018	12,10
3	YAYSUN (unlicensed)*	KONYA	2014	0,62
4	AMASYA SPP PROJECTS*	AMASYA	2017	11,20
5	TOKAT SPP PROJECTS *	TOKAT	2017	5,60
6	OMICRON ENGİL 208	VAN	2018	12,10
7	OMICRON ERCİŞ	VAN	2018	12,10
8	PSI ENGİL 207	VAN	2019	13,00
9	MT DOĞAL	KONYA	2018	12,10
10	ME-SE	KONYA	2018	12,10
11	SOLENTGRE (licensed)	ELAZIĞ	2016	9,10
12	SOLENTGRE (unlicensed)*	ELAZIĞ	2016	0,60
13	KARİNE*	ELAZIĞ	2017	0,50
14	FIRINCI	MALATYA	2020	12,90
	<b>TOTAL</b>			<b>121,42</b>

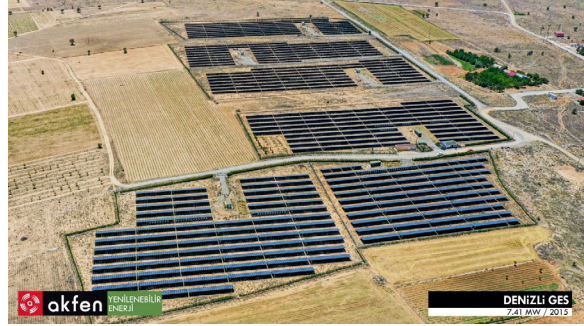
<sup>3</sup> The power plants are not subject to EMRA LICENSE. The facilities for which EIA processes were initiated by EMRA board decisions in 2021 are explained in the following sections.

## Photos

Photos of the SPP projects in operation are provided below.



Picture 14. DENİZLİ SPP PROJECTS PHOTOS



Picture 15. YAYSUN SPP PHOTOS



Picture 16. AMASYA SPP PROJECTS PHOTOS



Picture 17. TOKAT SPP PROJECTS PHOTOS





Picture 18. OMICRON ENGİL 208 SPP, OMICRON ERCİŞ SPP, PSI ENGİL 207 SPP PHOTOS



Picture 19. MT DOĞAL SPP PHOTOS



Picture 20. ME-SE SPP PHOTOS



Picture 21. SOLENTEGRE SPP and KARİNE SPP PHOTOS





Picture 22. FIRINCI SPP PHOTOS

## Wind Energy Power Plants

### Locations

A total of 6 Wind Power Plants are in operation in Denizli, Çanakkale and Osmaniye.

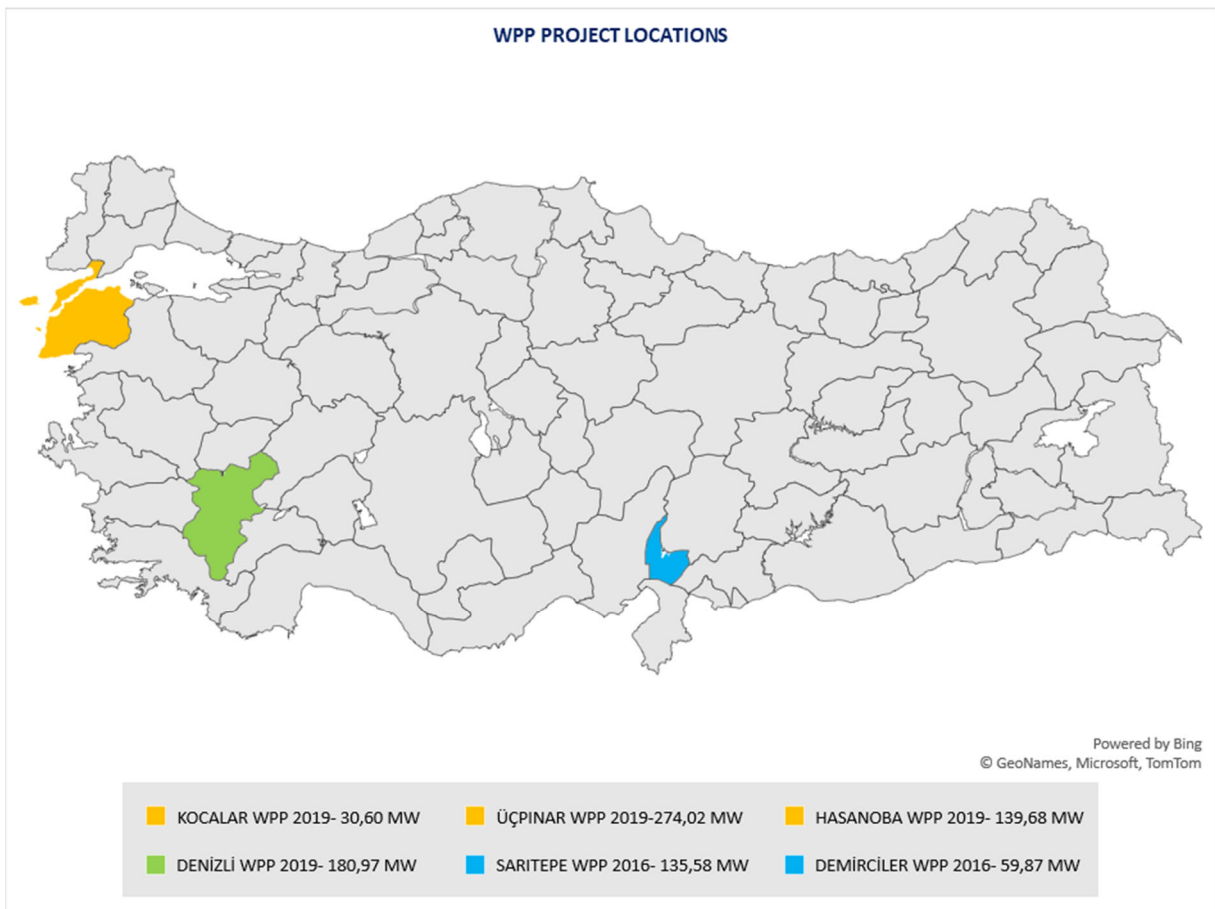


Figure 3. WPP PROJECT LOCATIONS

### Capacities

The total capacity of the WPP in operation is 348.9 MW.

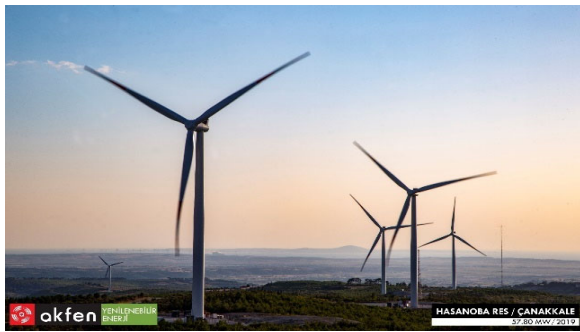


Table 5. WIND ENERGY POWER PLANT CAPACITIES

NAME OF PLANT		LOCATION	OPERATION YEAR	CAPACITY (MW)
<b>WIND POWER PLANTS</b>				
1	KOCALAR	ÇANAKKALE	2019	30,60
2	ÜÇPINAR	ÇANAKKALE	2019	112,20
3	HASANOBA	ÇANAKKALE	2019	51,00
4	DENİZLİ	DENİZLİ	2019	74,80
5	SARITEPE	OSMANİYE	2020	57,00
6	DEMİRCİLER	OSMANİYE	2020	23,30
<b>TOTAL</b>				<b>348,90</b>

## Photos

Photos of the WPP projects in operation are given below.



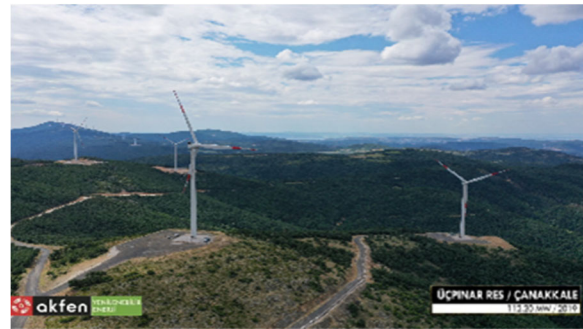
Picture 23. HASANOBA WPP PHOTOS



Picture 24. KOCALAR WPP PHOTOS



Picture 25. ÜÇPINAR WPP PHOTOS







Picture 26. SAR-DEM WPP PHOTOS



Picture 27. DENİZLİ WPP PHOTOS



## ANNUAL MONITORING REPORT SECTION 2

### STATEMENT OF REPRESENTATIVE AUTHORIZED BY SPONSOR

---



## Statement of Representative Authorized by Sponsor

### AMR SECTION II

#### CLIENT'S REPRESENTATION STATEMENT BY SPONSOR AUTHORIZED REPRESENTATIVE

I, Kayrıl KARABEYOĞLU in my role of General Manager and we, Mustafa Kemal GÜNGÖR, Kürşat TEZKAN in our role of Assistant General Manager and representing Akfen Company certify that

- The Project is in compliance with all applicable E & S Requirements as described in the investment contract and all actions required to be undertaken pursuant to the Environmental and Social Action Plan (ESAP) and any subsequent supplemental action plans with the exception made for those that have been disclosed in Section Seven (VI) in this report.
- Beyond what is reported in this AMR for the current reporting period, in relation to the Project, to the best of my knowledge , after due inquiry, there are no:
  - Circumstances or occurrences that have given or would give rise to violations of E&S and Labor Law or E&S and labor claims;
  - Social unrest, local population disruption or negative NGO attention due to the project
  - Material social or environmental risks or issues in relation to the Project other than those identified by the E&S Assessment and the Environmental and Social Review Summary.
  - Existing or threatened complaint, order, directive, claim, citation or notice from any authority.
  - Any written communication from any person , in either case, concerning the Project's failure to comply with any matter covered by the Performance Standards;
  - Ongoing or threatened, strikes, slowdowns or work stoppages by employees of the obligor or any contractor or subcontractor with respect to the Project;
- All information contained in this AMR is true, complete and accurate in all respects at the time of submission and no such document or material omitted any information the omission of which would have made such document or material misleading.
- There have not been any new company activities (eg. expansions, construction works, etc.) that could generate adverse environmental effects. There have been no new ESIA studies, audits, or E&S action plans conducted by or on behalf of Akfen, with respect to any Environmental or Social standards/regulation/ applicable to the Project that IFC and EBRD has not been notified of.

06/12/2021

Kayrıl KARABEYOĞLU  
General Manager



Mustafa Kemal GÜNGÖR  
Deputy General Manager



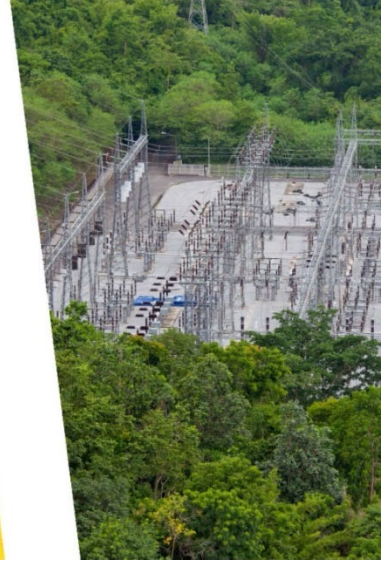
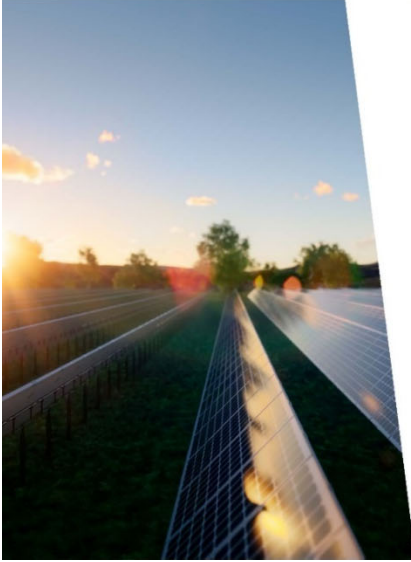
Kürşat TEZKAN  
Deputy General Manager



## ANNUAL MONITORING REPORT SECTION 3

### IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD

---



This section aims to describe the significant E&S progress/activities/events (including non-conformances, significant events, social unrest, significant developments/initiatives related to E&S performance, etc.) during the reporting period.

**Project Status;** select the current status of the project and provide a summary description of the developments related to the project throughout the reporting period. For example, is construction started or completed, is new equipment installed, increased production capacity, or is investment in new projects considered? Please use attachments if necessary.

- Design  Construction  Development  Operation  Close Out  Other

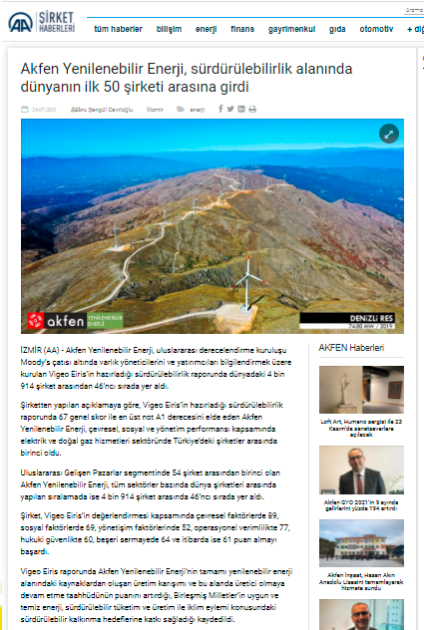
Is the new investment in the development process?

- Yes  No

### GENERAL INFORMATION IN SUMMARY

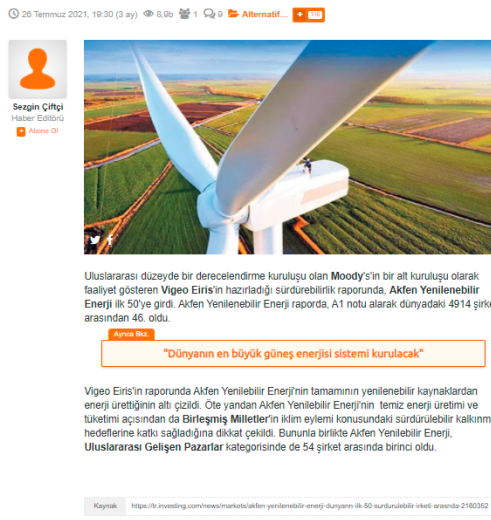
Akfen Renewable® Energy is included in the sustainability assessment of Vigeo Eiris, an independent organization designed to measure the strong Environmental, Social and Governance (ESG)<sup>4</sup> performance of companies within the scope of the green fund it has benefited from in WPP projects since 2018. Continuously improving its evaluation score in the field of Environment, Social and Governance, Akfen Renewable® Energy ranked 1st as of July 2021 among the companies evaluated in the energy sector during the evaluation process in 2021.

In July 2021, Akfen Renewable® Energy was ranked 46th among 4914 companies in the world with a score of 67 in the environmental, social and governance evaluation report prepared by Vigeo Eiris, which was established under the umbrella of international rating agency Moody's to inform asset managers and investors. In addition, the highest grade A1 was obtained in the sustainability assessment of Vigeo Eiris. In the prepared report, it was pointed out that the company's entire energy production from renewable sources contributes to the United Nations' sustainable development goals on affordable and clean energy, sustainable consumption and production, and climate action.



### Bir Türk şirketi dünyanın en sürdürülebilir 50 şirketinden birisi oldu

Uluslararası bir kuruluş olan Vigeo Eiris'in yayınladığı rapora göre Türk şirketi olan Akfen Yenilenebilir Enerji, dünya temiz enerji alanında faaliyet gösteren binlerce şirket arasından 46. oldu.



Picture 28. PRESS REFLECTIONS ON OUR AKFEN RENEWABLE® ENERGY SUSTAINABILITY RESULT

<sup>4</sup> ESG reporting: <https://vigeo-eiris.com/solutions-investors/esg-indices-ranking/>

Capacity increase in WPP projects in 2021 and developments related to SPP hybrid projects<sup>5</sup> developed in addition to these are listed below.

Capacity increases and permit processes within the scope of WPP projects are given below.

**Table 6. CAPACITY INCREASE IN WPP PROJECTS**

WPP	UNITS	Status	Capacity Increase	Total State
Denizli WPP Capacity Extension Project Summary Information	Number of Units	22 unit	5 unit	27 unit
	Installed Unit Powers	22 x (3,4 MWm / 3 MWe)	5 x (5 MWm / 5 MWe)	22 x (3,4 MWm / 3 MWe) + 5 x (5 MWm / 5 MWe)
	Total Installed Capacity of the Facility	74,8 MWm/ 66 MWe	25 MWm/ 25 MWe	99,8 MWm/ 91 MWe
	Maximum Annual Production Amount that can be Produced with Installed Power	184.472.600 kWh/yıl	161.000.000 kWh/yıl	245.472.600 kWh/yıl
Hasanoba WPP Capacity Extension Project Summary Information	Number of Units	15 unit	5 unit	20 unit
	Installed Unit Powers	(3,4 MWm/3,4 MWe)	5 x (5MWm / 5 MWe)	[15x(3,4 MWm / 3,4 MWe) + 5x (5 MWm / 5 MWe)]
	Total Installed Capacity of the Facility	51 MWm/51 MWe	25 MWm/25 MWe	76 MWm/76 MWe
	Maximum Annual Production Amount that can be Produced with Installed Power	178.500.000 kWh	76.000.000 kWh	254.500.000 kWh
Kocalar WPP Capacity Extension Project Summary Information	Number of Units	9 unit	5 unit	14 unit
	Installed Unit Powers	8 x (3,4 MWm/3 MWe)+ 1 x (3,4 MWm/2 MWe)	5 x (5MWm / 5 MWe)	8x(3,4 MWm/3 MWe) + 1x (3,4 MWm/2 MWe) + 5x (5 MWm/5 MWe)
	Total Installed Capacity of the Facility	30,6 MWm/26 MWe	25 MWm/25 MWe	55,6 MWm/51 MWe
	Maximum Annual Production Amount that can be Produced with Installed Power	88.051.100 kWh	90.448.900 kWh	178.500.000 kWh
Saritepe WPP Capacity Extension Project Summary Information	Number of Units	20 unit	2 unit	22 unit
	Installed Unit Powers	20x(2,85 MWm / 2,5 MWe)	2x(4,3 MWm / 3,9 MWe)	[20x(2,85 MWm / 2,5 MWe) + 2x(4,3 MWm / 3,9 MWe)]
	Total Installed Capacity of the Facility	57 MWm/ 50 MWe	8,6 MWm/7,8 MWe	65,6 MWm/57,8 MWe
Üçpınar WPP Capacity Extension Project Summary Information	Number of Units	33 unit	2 unit	35 unit
	Installed Unit Powers	33 x (3,4 MWm / 3 MWe)	2 x (4.8MWm / 4.8 MWe)	33x(3,4 MWm / 3 MWe) + 2x(4.8 MWm / 4.8 MWe)
	Total Installed Capacity of the Facility	112,2 MWm/ 99 MWe	9.6 MWm/9.6 MWe	121,8 MWm/108,6 MWe
	Maximum Annual Production Amount that can be Produced with Installed Power	342.254.000 kWh	21.000.000	363.254.000 kWh

There are steps taken in the table below regarding the permit processes

**Table 7. PERMIT PROCESSES FOR CAPACITY INCREASE OF WPP PROJECTS**

WPP CAPACITY INCREASES	EMRA BOARD DECISION	START OF THE EIA PROCESS	PUBLIC PARTICIPATION MEETING	EIA APPROVAL	PROPERTY AND ZONING PERMITS
DENİZLİ WPP	07.11.2019 dated and 8919-18 numbered	13.01.2020	19.02.2020	Decision date: 14.07.2020 Decision Number: 5947	Forest preliminary permission process has been completed. Zoning plan process is ongoing.
HASANOBA WPP	06.11.2020 dated and 9673-14 numbered	27.11.2020	28.12.2020	Decision date: 25.05.2021 Decision Number: 6275	Forest Preliminary Permission Process is ongoing.
KOCALAR WPP	02.07.2020 dated and 9421-19 numbered	14.01.2020	25.08.2020	Decision date: 22.12.2020 Decision Number: 6136	Forest Preliminary Permission Process is ongoing.
SARITEPE WPP	30.01.2020 dated and 9147-15 numbered	04.05.2020	18.06.2020	Decision date: 16.11.2020 Decision Number: 6098	Forest preliminary permission process has been completed. Zoning plan process is ongoing.

<sup>5</sup> GES Hybrid projects: Energy projects that are currently in operation are those that are integrated within the borders of the external license in line with the installed power allocated to the company authorized by the administration.

WPP CAPACITY INCREASES	EMRA BOARD DECISION	START OF THE EIA PROCESS	PUBLIC PARTICIPATION MEETING	EIA APPROVAL	PROPERTY AND ZONING PERMITS
ÜÇPİNAR WPP	14.11.2019 dated and 8931-15 numbered	14.01.2020	04.03.2020	Decision date: 14.08.2020 Decision Number: 5982	Forest Preliminary Permission Process is ongoing.

In addition to increasing the number of turbines at Denizli WPP, Hasanoba WPP, Kocalar WPP, Saritepe WPP and Üçpınar WPP, hybrid projects have been developed. Permit processes within the scope of hybrid projects are listed below.

**Table 8. HYBRID PROJECTS CAPACITY INCREASE INFORMATION**

HYBRID PROJECTS	Main Source Capacity (WPP)	Auxiliary Resource Capacity (SPP)	Number of Auxiliary Source Locations	Total Plant Capacity (Multi-Source Power Generation Plant)
KOCALAR WPP	55,6 MWm/51 MWe	4,9572 MWm / 4,9572 MWe	2	60,5572 MWm/51 MWe
ÜÇPİNAR WPP	121,8 MWm/108,6 MWe	40,0221 MWm/40,0221 MWe	15	161,8221 MWm/108,6 MWe
HASANOBA WPP	76 MWm/76 MWe	12,6846 MWm/12,6846 MWe	11	88,6846 MWm/76 MWe
DENİZLİ WPP	99,8 MWm/91 MWe	6,3666 MWm / 6,3666 MWe	6	106,1666 MWm/91 MWe
SARITEPE WPP	65,6 MWm/57,8 MWe	12,9762 MWm/12,9762 MWe	5	78,5762 MWm/57,8000 MWe
DEMİRCİLER WPP	23,3 MWm/23,3 MWe	13,2678 MWm/13,2678 MWe	2	36,5678 MWm/23,3000 MWe
DOĞANÇAY WPP	31,605 MWm / 30,24 MWe	5,296 MWm / 5,152 MWe	5	36,901 MWm/35,392 MWe

The steps regarding the permit processes of hybrid projects are available in the table below.

**Table 9. PERMIT PROCESSES FOR HYBRID PROJECTS CAPACITY INCREASE**

HYBRID PROJECTS	EMRA BOARD DECISION	START OF THE EIA PROCESS	PUBLIC PARTICIPATION MEETING	EIA APPROVAL/EIA NOT REQUIRED	PROPERTY AND ZONING PERMITS
KOCALAR WPP	19.08.2021 dated and 10368-17 numbered	27.08.2021	in EIA App-2 List No PPM process <sup>6</sup>	EIA process is ongoing	Following the completion of the EIA Process, the Zoning Plan Permit Process will be initiated.
ÜÇPİNAR WPP	19.08.2021 dated and 10368-22 numbered	27.08.2021	04.11.2021		
HASANOBA WPP	19.08.2021 dated and 10368-19 numbered	27.08.2021	04.11.2021		
DENİZLİ WPP	19.08.2021 dated and 10368-18 numbered	26.08.2021	in EIA App-2 List No PPM process <sup>6</sup>		
SARITEPE WPP	19.08.2021 dated and 10368-21 numbered	24.08.2021	22.10.2021		
DEMİRCİLER WPP	19.08.2021 dated and 10368-20 numbered	24.08.2021	22.10.2021		
DOĞANÇAY HPP	EMRA board decision process regarding hybrid SPP integration within the scope of Doğançay HPP project has not been clarified yet.	30.03.2021	in EIA App-2 List No PPM process <sup>6</sup>	Decision taken for EIA not required Date: 03.08.2021 Decision number: 2021-35	

As of 2021, Akfen Renewable® Energy's installed power is 706.03 MW. In case of RES capacity increases (92.2 MW) and Hybrid SPP projects put into operation (95.57 MW), the total installed power will be 893.80 MW in the future.

The process, which started with the receipt of the licenses of hydroelectric power plants in 2005, continued in 2009 with the facilities becoming operational. In this context, Sirma HPP is our first HPP facility that started operating. Key progress with our facilities up to 2021 is outlined in the timeline below. As of 2021, all our facilities are in the operational phase and there are no facilities under construction.



<sup>6</sup> Within the scope of the EIA Regulation, there is no official Public Participation Meeting for SPP projects below 10 MW. However, Akfen Renewable® Energy made information about the process by holding information meetings with both mukhtar and local peoples.

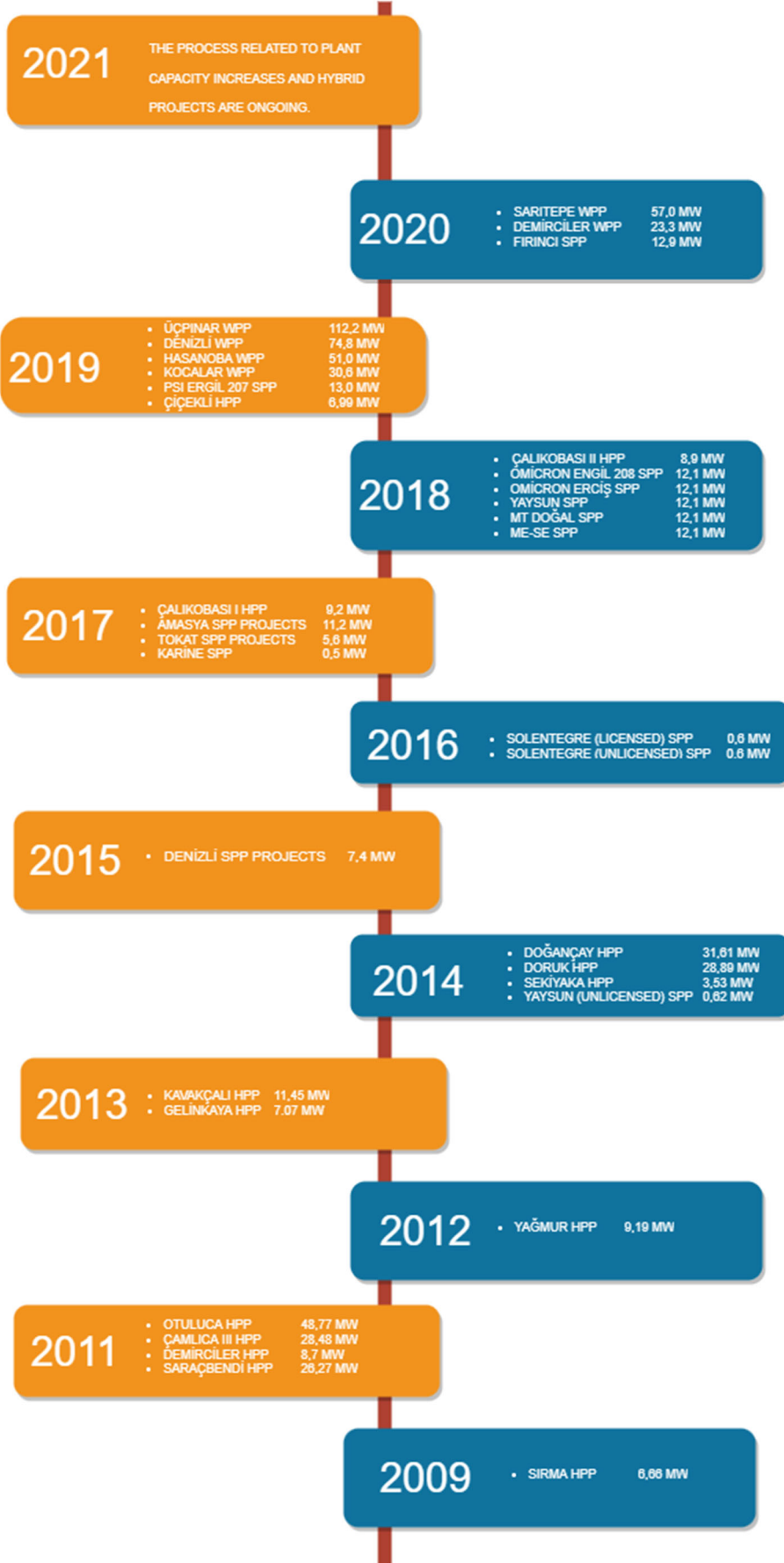


Figure 4. AKFEN RENEWABLE® ENERGY TIMELINE (2009-2021)





All the evaluations according to the IFC and EBRD performance criteria for the reporting period of 2021 are detailed under separate headings. Below are the titles that are explained according to each performance criterion. Detailed information under each heading is included in the following sections.

[PS1   PK1] ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL & SOCIAL RISKS AND IMPACTS	<ul style="list-style-type: none"> <li>– Management System Certification</li> <li>– Akfen Renewable® Energy Documentation</li> <li>– Organizational structure</li> <li>– Our Consultants- Expert Companies Serviced</li> <li>– Training Program</li> <li>– Public Relations</li> <li>– New initiatives or additional managerial initiatives implemented on E&amp;S issues</li> </ul>
[PS2   PK2] LABOR AND WORKING CONDITIONS	<ul style="list-style-type: none"> <li>– Human Resources Policy</li> <li>– Human Resources Procedure</li> <li>– Working Conditions</li> <li>– Employee Satisfaction</li> <li>– Employee Satisfaction Survey Analysis-2021</li> <li>– Employee Stress Level Determination Analysis-2021</li> <li>– Occupational Health and Safety</li> </ul>
[PS3   PK3] RESOURCE EFFICIENCY AND POLLUTION PREVENTION	<ul style="list-style-type: none"> <li>– Environmental monitoring data</li> <li>– Resources and energy consumption</li> </ul>
[PS4   PK4] COMMUNITY HEALTH SECURITY AND SAFETY	<ul style="list-style-type: none"> <li>– Practices related to public health and safety</li> <li>– Off-site emergency action plan</li> <li>– Security</li> </ul>
[PS5   PK5] LAND ACQUISITION AND FORCED RESETTLEMENT	
[PS6   PK6] CONSERVATION OF BIODIVERSITY & SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES	<ul style="list-style-type: none"> <li>– Monitoring and Control of Biodiversity</li> <li>– Landscaping</li> </ul>
[PS 8   PK8] PROTECTION OF CULTURAL HERITAGE	<ul style="list-style-type: none"> <li>– Protection of Cultural Heritage</li> </ul>
[PK10] INFORMATION DISCLOSURE AND STAKEHOLDER ENGAGEMENT	<ul style="list-style-type: none"> <li>– Information Disclosure and Stakeholder Engagement</li> </ul>



## [PS1|PK1] Assessment and Management of Environmental & Social Risks and Impacts

Please provide the details of the following voluntary Management systems certification schemes that are valid in your facilities, provide detailed information below. Please fill in separate tables when necessary.

### MANAGEMENT SYSTEMS CERTIFICATION INFORMATION

Akfen Renewable® Energy Inc. has EN ISO 9001:2015, EN ISO 14001:2015, EN ISO 45001:2018 and EN ISO 50001:2018 certificates within the scope of its head office and all its power plants.

At the end of 2021, preparations for the integration of EN ISO 26000: 2018 Social Responsibility Management System into the company were completed, the management system was established and put into practice. The accreditation process for the official certification of the said system and process continues.

Table 10. INTEGRATED MANAGEMENT SYSTEM CERTIFICATION INFORMATION LIST

MANAGEMENT SYSTEM	CERTIFICATION DATE	RENEWAL OF CERTIFICATION DATE	VALIDATION DATE	STATUS
EN ISO 9001:2015	25.01.2017	15.10.2021	24.01.2023	Successfully implemented
EN ISO 14001:2015	25.01.2017	15.10.2021	24.01.2023	Successfully implemented
OHSAS 18001:2007 <sup>7</sup> EN ISO 45001:2018	01.02.2017	01.06.2020 29.10.2021	31.01.2023	Successfully implemented
EN ISO 50001:2011 EN ISO 50001:2018 <sup>8</sup>	01.02.2017	15.10.2021	31.01.2023	Successfully implemented
EN ISO 26000: 2018	Planned	-	-	It is being implemented. The certification process is ongoing.

The standards considered during the establishment and development of the integrated management system are listed below.

- EN ISO 9001:2015 | Quality Management Systems - Requirements ICS Code: 03.120.10 Quality Management and Quality Assurance

In the following cases, this standard

- when the customer needs to demonstrate its ability to consistently provide product that meets applicable primary and secondary regulatory requirements,
- Aims to increase customer satisfaction by effectively implementing the system, including the processes required for continuous improvement of the system and assurance of compliance with customer and applicable primary and secondary legislation,

covers the requirements that an organization's quality management system must meet.

- Akfen Renewable® Energy updated its first certification -which was taken on 25.01.2017- on 15.10.2021 and the validity period of this certification is until 24.01.2023.

<sup>7</sup> The aforementioned standard audit and certification activities have been carried out as of 2021, taking into account the ISO 45001:2018 standard conditions.

<sup>8</sup> The aforementioned standard audit and certification activities have been carried out as of 2021, taking into account the EN ISO 50001:2018 standard conditions.

- EN ISO 14001:2015 | Environmental Management Systems - Terms and User Manual ICS Code: 13.020.10 Environmental Management
  - This International Standard specifies the requirements for an environmental management system and information on important environmental aspects that enable an organization to develop and implement policies and objectives that take into account legal and other requirements to which it is obliged.
  - Akfen Renewable® Energy updated its first certification -which was taken on 25.01.2017- on 15.10.2021 and the validity period of this certification is until 24.01.2023.
- OHSAS 18001:2007 | Occupational Health and Safety Management Systems - Requirements
  - ICS Code: 13.100 Occupational Safety, Industrial Hygiene; 03.100.01 Company Organization and Management
  - This OHS standard covers the OHS management system requirements to enable an organization to control occupational health and safety (OHS) risks and improve performance.
  - *The said standard was canceled in 2018 and replaced by the **ISO 45001:2018** standard. In this framework, the integrated management system has been updated taking into account the current standard conditions. Document revisions were made on 29.10.2021.*
  - Akfen Renewable® Energy updated its first certification -which was taken on 01.02.2017- on 29.10.2021 and the validity period of this certification is until 31.01.2023.
- EN ISO 50001:2011 | Energy Management Systems - Guidelines for Terms and Use ICS Code: 27.010 Energy and Heat Transfer Engineering
  - This document covers the requirements for establishing, implementing, maintaining and improving an energy management system. The desired results are to enable an organization to follow a systematic approach to the continual improvement of its energy performance and EnMS<sup>9</sup>.
  - *The said standard was canceled in 2018 and replaced by the **EN ISO 50001:2018** standard. In this framework, the integrated management system has been updated taking into account the current standard conditions. Document revisions were made on 15.10.2021.*
  - Akfen Renewable® Energy updated its first certification -which was taken on 01.02.2017- on 15.10.2021 and the validity period of this certification is until 31.01.2023.



<sup>9</sup> EnMS: Energy Management System

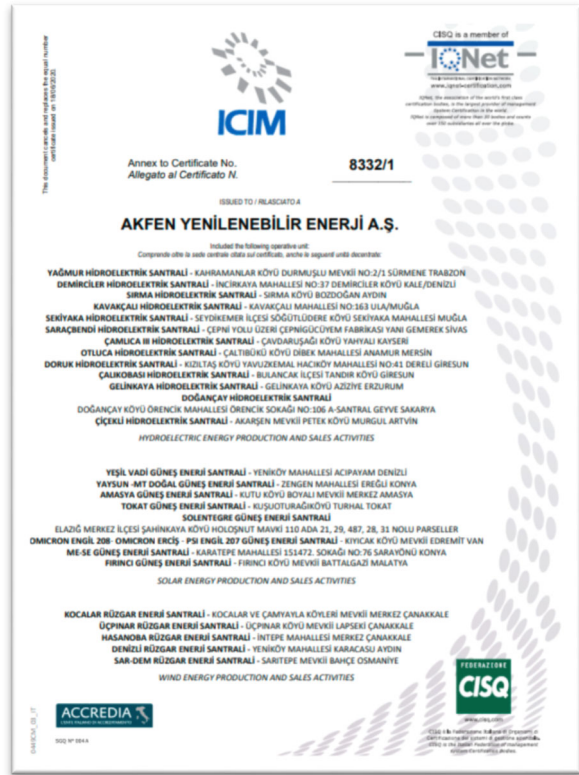


As of 2021, the entire portfolio has been certificated. Power plants within the scope of certification are listed below.

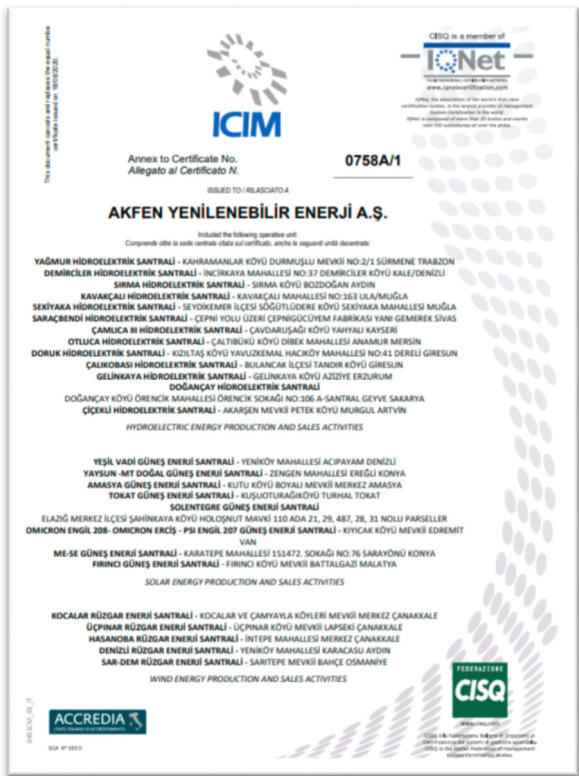
**Table 11. PLANTS WITHIN THE SCOPE OF THE CERTIFICATION**

NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)	MANAGEMENT SYSTEM
OTLUCA HPP	MERSİN	2011	48,77	EN ISO 9001:2015 EN ISO 14001:2015 EN ISO 45001:2015 EN ISO 50001:2018
SIRMA HPP	AYDIN	2009	6,66	
SEKIYAKA HPP	MUĞLA	2014	3,53	
DEMİRCİLER HPP	DENİZLİ	2011	8,70	
KAVAKÇALI HPP	MUĞLA	2013	11,45	
GELİNKAYA HPP	ERZURUM	2013	7,08	
SARAÇBENDİ HPP	SİVAS	2011	26,27	
ÇAMLICA III HPP	KAYSERİ	2011	28,48	
DORUK HPP	GİRESUN	2014	28,89	
YAĞMUR HPP	TRABZON	2012	9,19	
DOĞANÇAY HPP	SAKARYA	2014	31,61	
ÇALIKOBASI HPP	GİRESUN	2018	18,11	
ÇİÇEKLİ HPP	ARTVİN	2019	6,99	
DENİZLİ SPP PROJECTS	DENİZLİ	2015	7,40	
YAYSUN SPP	KONYA	2014	12,72	
MT DOĞAL SPP	KONYA	2018	12,10	
AMASYA SPP PROJECTS	AMASYA	2017	11,20	
TOKAT SPP PROJECTS	TOKAT	2017	5,60	
OMICRON ENGİL 208 SPP	VAN	2018	12,10	
OMICRON ERCİŞ SPP	VAN	2018	12,10	
PSI ENGİL 207 SPP	VAN	2019	13,00	
ME-SE SPP	KONYA	2018	12,10	
SOLENTGRE SPP (including KARINE SPP)	ELAZIĞ	2016	10,20	
FIRINCI SPP	MALATYA	2020	12,90	
KOCALAR WPP	ÇANAKKALE	2019	30,60	
ÜÇPİNAR WPP	ÇANAKKALE	2019	112,20	
HASANOBA WPP	ÇANAKKALE	2019	51,00	
DENİZLİ WPP	DENİZLİ	2019	74,80	
SAR-DEM WPP	OSMANİYE	2020	80,30	





Picture 29. ICIM ISO 9001:2015 UP-TO-DATE CERTIFICATE AND IQNET ISO 9001:2015 CERTIFICATE APPENDIX



Picture 30. ICIM ISO 14001:2015 UP-TO-DATE CERTIFICATE and IQNET ISO 14001:2015 CERTIFICATE APPENDIX



Picture 31. ISO 45001:2018 UP-TO-DATE CERTIFICATE and IQNET ISO 45001:2018 CERTIFICATE APPENDIX



Picture 32. ICIM EN ISO 50001:2018 UP-TO-DATE CERTIFICATE and IQNET EN ISO 50001:2018 CERTIFICATE APPENDIX



Describe any changes in the organizational structure regarding the management of environmental, health and safety, labour and social issues during the reporting period. Indicate the number of personnel responsible for Environmental, Social and OHS issues.

## AKFEN RENEWABLE® ENERGY DOCUMENTATION

### Procedures, Plans and Instructions

In 2021, the procedure revision list made in 2020 was followed. In 2021, changes and revisions were made in the HR procedure and in the plans and instructions specific to the facilities.

The procedures, plans and instructions prepared for each power plant and revised in 2021, taking into account the integrated management system, IFC and EBRD Performance requirements, are listed below. The ESMP, which was prepared and revised in 2021, is given in **Annex-01**.

**Table 12. REVISION LIST OF PROCEDURE, PLAN AND INSTRUCTIONS**




NAME OF PROCEDURES, PLANS, AND INSTRUCTIONS	REVISION NUMBER	REVISION DATE
INSTRUCTIONS FOR MONITORING & CONTROL OF BIODIVERSITY	REV.02	01.08.2021
PRECAUTIONS AND PREVENTIONS AGAINST CORONA	REV.03	01.08.2021
EXTERNAL STAFF, VISITOR, AUDITOR ACCEPTANCE INSTRUCTIONS	REV.04	01.06.2021
INSTRUCTIONS FOR PROTECTING ENERGY & GLOBAL RESOURCES	REV.03	01.08.2021
POWER PLANT SECURITY PLAN	REV:03	01.06.2021
INSTRUCTIONS FOR PREPARATION STAFF PERSONAL FILE	REV:02	01.08.2021
INSTRUCTIONS FOR PLANNED ACTIONS	REV.01	01.08.2021
SOCIAL IMPACT & STAKEHOLDER ENGAGEMENT PLAN	REV.03	01.06.2021
NON-TECHNICAL SUMMARY	REV.03	24.06.2021
INCENTIVE SYSTEM	REV.02	01.08.2021
COMMUNITY HEALTH PLAN	REV.03	01.08.2021
TRAFFIC ACTION PLAN	REV.04	01.08.2021
INSTRUCTIONS FOR RECORDING NONCONFORMITIES	REV.01	01.08.2021
ENVIRONMENTAL & SOCIAL MANAGEMENT PLAN	REV.03	01.08.2021
INSTRUCTIONS FOR EMERGENCY RESPONSE AFFECTING THE ENVIRONMENT	REV.01	01.08.2021
WASTE MANAGEMENT PLAN	REV.01	01.08.2021
PLANT COMMUNICATION INSTRUCTIONS	REV.02	01.08.2021
OCCUPATIONAL HEALTH AND SAFETY INSTRUCTIONS	REV.02	01.08.2021
OFF-SITE POWER PLANT EMERGENCY ACTION INSTRUCTIONS	REV.01	01.08.2021
AKFEN RENEWABLE® ENERGY TRAINING PROGRAM	REV.01	01.08.2021
AKFEN RENEWABLE® ENERGY SOCIAL RESPONSIBILITY GUIDE AND RISK ANALYSIS REPORT	REV.04	27.10.2021
AKFEN RENEWABLE® ENERGY HUMAN RESOURCES PROCEDURE	REV.14	10.04.2021



## System Infrastructures Used within the Scope of Quality Integrated Management Systems

The system infrastructures used to increase the efficiency of the integrated management system are given below.






Table 13. PROGRAM INFRASTRUCTURE USED IN THE INTEGRATED MANAGEMENT SYSTEM

LOGO	NAME OF PROGRAMME	PURPOSE AND LOCATION OF USE
	M-Files	HPP Document management Digital formation Planning Automatic reporting
	SAP	Purchasing and procurement processes HR, Financial management
	SAP Fiori	Employee shift and R&R tracking
	Humanist	Employee performance evaluation
	Google Drive	SPP/WPP Document management Digital formation Automatic reporting

### Certification Bodies

Integrated management system documents have been renewed as of October 2021; they are valid until 2023. Accreditation and other required information regarding certification processes are listed below.

Table 14. CERTIFICATION PROCESS INFORMATION

CERTIFIED MANAGEMENT SYSTEM	ACCREDITATION	CERTIFICATION	CERTIFICATION NUMER	DOCUMENT VALIDATION DATE	INTERIM AUDIT PERIOD
EN ISO 9001:2015	 ACCREDIA L'ENTE ITALIANO DI ACCREDITAMENTO	 ICIM , CERTIFIED MANAGEMENT SYSTEM	ICIM – 8332/1	24.01.2023	Annually
EN ISO 14001:2015			IQNET – IT-103286 ICIM – 0758A/1		
EN ISO 45001:2018	FEDERAZIONE CISQ  CISQ	 IQNET CERTIFIED MANAGEMENT SYSTEM	IQNET – IT-103287 ICIM – 0284L/1	31.01.2023	Annually
UNI CEI EN ISO 50001:2018	IQNET  CERTIFIED MANAGEMENT SYSTEM		ICIM – 8333/1 IQNET – IT-103317	31.01.2023	Annually



## ORGANIZATIONAL STRUCTURE

Within the main organizational structure; an ESMS organizational structure has been established under the board of directors in order to fulfill the responsibilities within the scope of Environment, Social and OHS. The scheme of the said organization is given below. 7 experts take part in the following organizational chart. The names and duties of the said managers are listed below.



Figure 5. AKFEN RENEWABLE® ENERGY ENVIRONMENTAL | SOCIAL | OHS | HUMAN RESOURCES ORGANIZATIONAL STRUCTURE



## Management of Operation and Maintenance Activities

The management of operation and maintenance activities is shown below.



Figure 6. OPERATION AND MAINTENANCE MANAGEMENT ORGANIZATION<sup>10</sup>



<sup>10</sup> operation and maintenance activities contract of KONAR Energy has been terminated as of March 2021. It was replaced by Maxima Energy.

## General Organizational Structure of Hydroelectric Power Plants

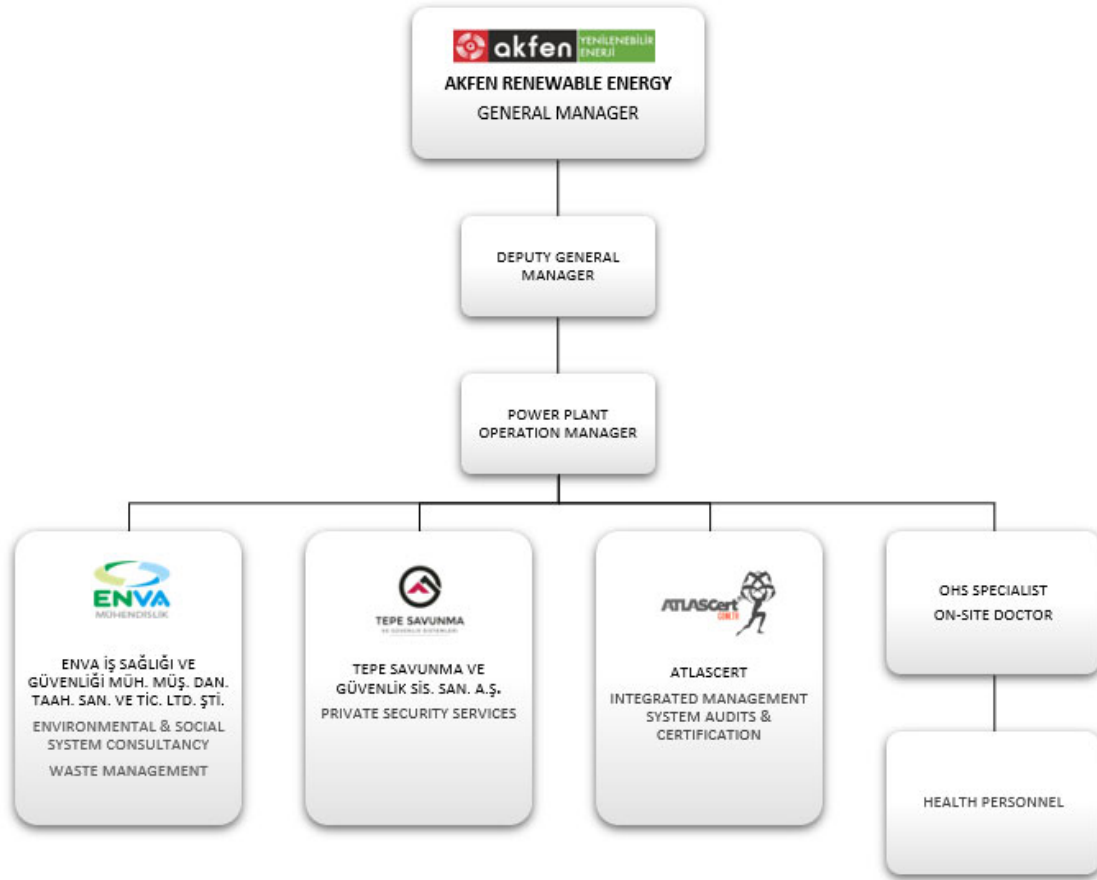


Figure 7. HPP GENERAL ORGANIZATION CHART (2021)

Responsible Environmental, Social and OHS people have been assigned in all HPP projects. All Environmental, Social and OHS issues related to the plants are followed by these appointed officials.

Table 15. 2021 HPP PROJECTS AND LIST OF ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES

NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)	ENVIRONMENT, SOCIAL AND OHS RESPONSIBLES	
				NAME	POSITION
01 OTLUCA HPP	MERSİN	2011	48,77	İlhami Gökkoca	Plant manager
02 SIRMA HPP	AYDIN	2009	6,66	Taner Onbaşı	Plant manager
03 SEKİYAKA HPP	MUĞLA	2014	3,53	Mustafa Puhurcuoğlu	Plant manager
04 DEMİRCİLER HPP	DENİZLİ	2011	8,70	Murat Bulut	Plant manager
05 KAVAKÇALI HPP	MUĞLA	2013	11,45	Halil İbrahim Tuncel	Plant manager
06 GELİNKAYA HPP	ERZURUM	2013	7,08	Orhan Oğuz	Plant manager
07 SARAÇBENDİ HPP	SİVAS	2011	26,27	Enes Kutlarler	Plant manager
08 ÇAMLICA III HPP	KAYSERİ	2011	28,48	Emrah Harmanbaşı	Plant manager
09 DORUK HPP	GİRESUN	2014	28,89	Ümit Aydın	Plant manager
10 YAĞMUR HPP	TRABZON	2012	9,19	Osman Ayar	Plant manager
11 DOĞANÇAY HPP	SAKARYA	2014	31,61	Cemalettin Uygun	Plant manager
12 ÇALIKOBASI HPP	GİRESUN	2018	18,11	Selim Güngör	Plant manager
13 ÇİÇEKLI HPP	ARTVİN	2019	6,99	Esat Koç	Plant manager

## General Organizational Structure of Solar Power Plants

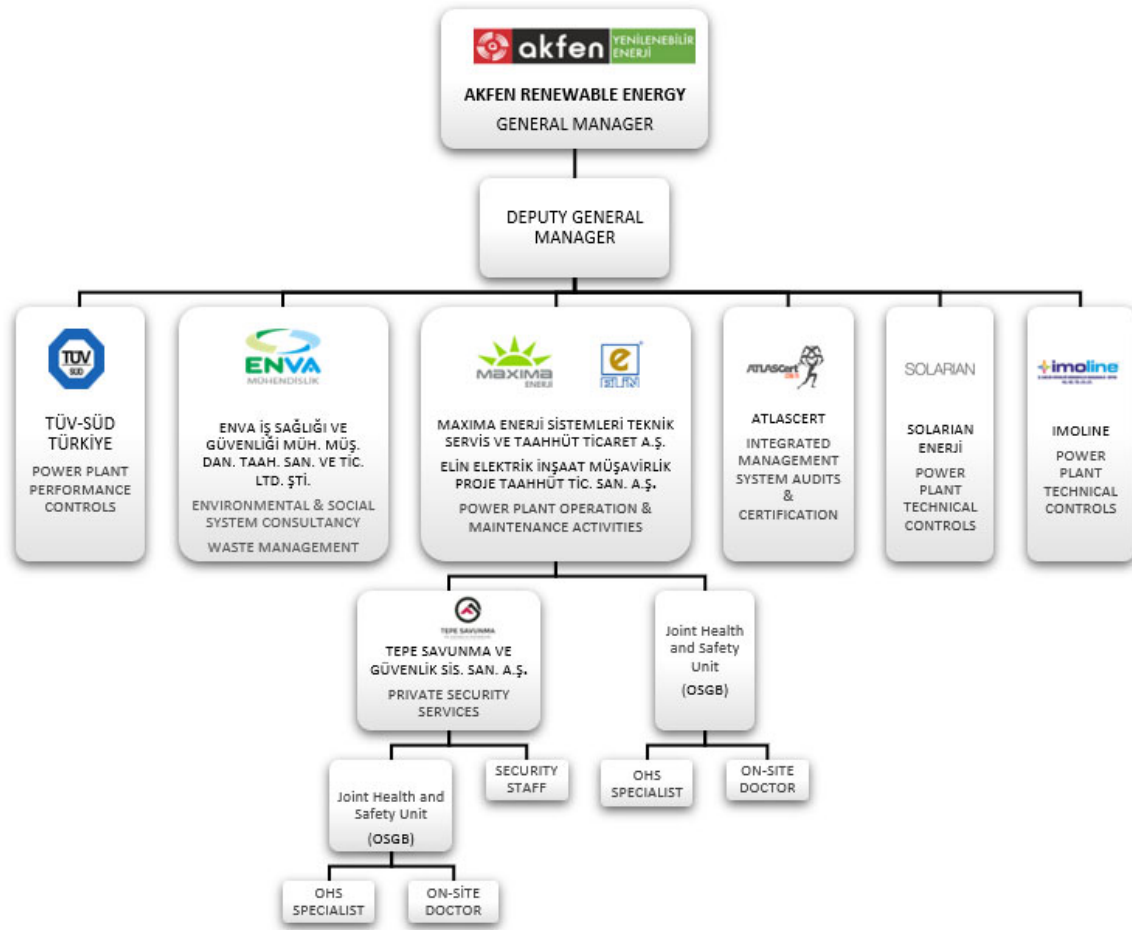


Figure 8. SPP GENERAL ORGANIZATION CHART (2021)

Responsible Environmental, Social and OHS people have been assigned in all SPP projects. All Environmental, Social and OHS issues related to the plants are followed by these appointed officials.

Table 16. 2021 SPP PROJECTS AND LIST OF ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES

NAME OF PLANT	LOCATION	OPERATION YEAR	CAPACITY (MW)	ENVIRONMENT, SOCIAL AND OHS RESPONSIBLES		
				Name	Position	Contractor
1 DENİZLİ SPP PROJECTS	DENİZLİ	2015	7,40	Muharrem Geze	Plant responsible	Maxima Energy
2 YAYSUN SPP (licensed)	KONYA	2018	12,10	Burak Deveci	Plant responsible	Maxima Energy
3 YAYSUN SPP (unlicensed)	KONYA	2014	0,62			
4 AMASYA SPP PROJECTS	AMASYA	2017	11,20	İbrahim Sencar	Plant responsible	Maxima Energy
5 TOKAT SPP PROJECTS	TOKAT	2017	5,60	Yasin Mumcu	Plant responsible	Maxima Energy
6 OMICRON ENGİL 208 SPP	VAN	2018	12,10	Nadir İmre	Plant responsible	Elin Energy
7 OMICRON ERCİŞ SPP	VAN	2018	12,10			
8 PSI ENGİL 207 SPP	VAN	2019	13,00			
9 MT DOĞAL SPP	KONYA	2018	12,10	Burak Deveci	Plant responsible	Maxima Energy
10 ME-SE SPP	KONYA	2018	12,10	Ahmet Dikmen	Plant responsible	Elin Energy
11 SOLENTEGRE SPP (licensed)	ELAZIĞ	2016	9,10	Mustafa Bayır	Plant responsible	Maxima Energy
12 SOLENTEGRE SPP (unlicensed)	ELAZIĞ	2016	0,60			
13 KARİNE SPP	ELAZIĞ	2017	0,50			
14 FIRINCI SPP	MALATYA	2020	12,90	Murat Malkoç	Plant responsible	Elin Energy

## General Organizational Structure of Wind Power Plants

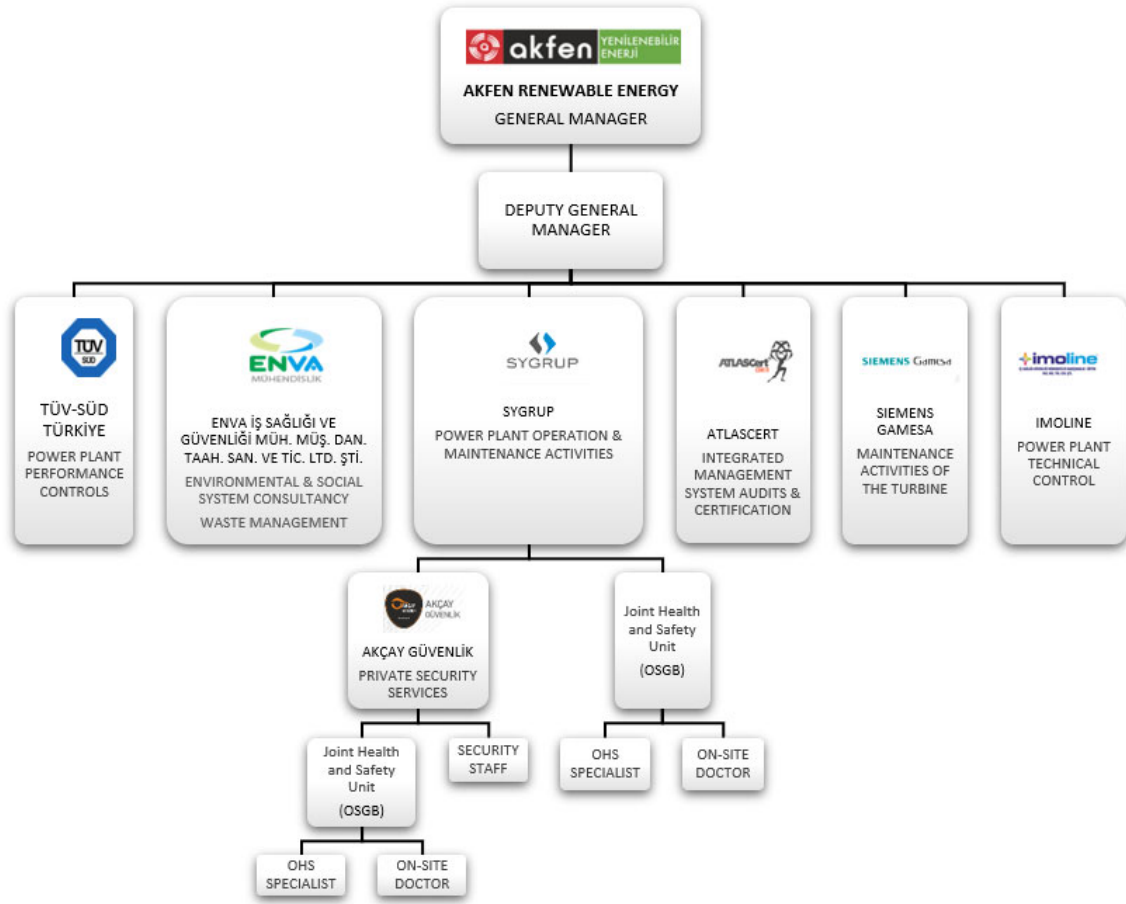


Figure 9. WPP GENERAL ORGANIZATION CHART (2021)

Responsible Environmental, Social and OHS people have been assigned in all WPP projects. All Environmental, Social and OHS issues related to the plants are followed by these appointed officials.

Table 17. LIST OF 2021 WPP PROJECTS AND ASSIGNED ENVIRONMENTAL, SOCIAL AND OHS RESPONSIBLES

NAME OF PLANT		LOCATION	OPERATION YEAR	CAPACITY (MW)	ENVIRONMENT, SOCIAL AND OHS RESPONSIBLES		
WIND POWER PLANTS					Name	Position	Contractor
1	KOCALAR	ÇANAKKALE	2019	30,60	Furkan Üstündağ	Plant manager	SY Grup
2	ÜÇPINAR	ÇANAKKALE	2019	112,20			
3	HASANOBA	ÇANAKKALE	2019	51,00			
4	DENİZLİ	DENİZLİ	2019	74,80	Ertan Ercan	Plant manager	SY Grup
5	SARITEPE	OSMANİYE	2020	57,00	Ufuk Melih Murat	Plant manager	SY Grup
6	DEMİRCİLER	OSMANİYE	2020	23,30			

## EXPERT COMPANIES SERVED

Within the scope of AKFEN Renewable® Energy portfolio, the Environmental & Social Management System and the companies that provide technical service in 2021 are listed below.

**Table 18. EXPERT COMPANIES SERVICED**

	<p>Integrated management system efficiency Fulfilling and ensuring ESAP requirements Meeting EBRD performance requirements Meeting IFC performance standards Preparation of annual activity reports 2nd party inspections and audits Carrying out consultancy activities for maintenance and repair companies within the scope of ESMS Waste management</p>
	<p>Providing integrated management system audit and certification services</p>
	<p>SPP &amp; WPP power plant performance controls</p>
	<p>SPP &amp; WPP OHS performance controls</p>
	<p>Technical control and reporting of SPP</p>
	<p>Biodiversity monitoring and reporting</p>



## Experts Involved in the ESMS of the Whole Portfolio

The number of experts responsible for environmental and social issues, limited to the reporting period, and their distribution by projects are given below. (A total of 101 experts were assigned.)

**Table 19. NUMBER OF RESPONSIBLE STAFF & EXPERT ON ENVIRONMENTAL & SOCIAL ISSUES (2021)**

PROJECT	STAGE	NUMBER OF STAFF & EXPERTS RESPONSIBLE ON ENVIRONMENTAL & SOCIAL ISSUES							BIOLOGIST ACADEMICIANS & EXPERT
		ENVIRONMENTAL AND OHS RESPONSIBLE	SOCIAL EXPERT	OHS EXPERT	OCCUATIONAL DOCTOR	OHS <sup>11</sup>	CONSULTANT	HR EXPERT	
HEADQUARTER		3		1					0
OTLUCA HPP	OPERATION	1							
SIRMA HPP	OPERATION	1							
SEKİYAKA HPP	OPERATION	1							
DEMİRCİLER HES	OPERATION	1							
KAVAKÇALI HPP	OPERATION	1							
GELINKAYA HPP	OPERATION	1							
SARAÇBENDİ HPP	OPERATION	1		1	1	1		1	3
ÇAMLICA III HPP	OPERATION	1							
DORUK HPP	OPERATION	1							
YAĞMUR HPP	OPERATION	1							
DOĞANÇAY HPP	OPERATION	1							
ÇALIKOBASI HPP	OPERATION	1							
ÇİÇEKLİ HPP	OPERATION	1							
DENİZLİ SPP PROJECTS	OPERATION	1		2	2				
YAYSUN SPP (LICENSED)	OPERATION								
YAYSUN SPP (UNLICENSED)	OPERATION	1		1	1				
MT DOĞAL SPP	OPERATION								
AMASYA SPP PROJECTS	OPERATION	1		1	1				
TOKAT SPP PROJECTS	OPERATION	1		1	1				
OMICRON SPP	OPERATION	1		2	2			3	2
PSI SPP	OPERATION								
ME-SE SPP	OPERATION	1		2	2				
SOLENTGRE SPP (LICENSED)	OPERATION								
SOLENTGRE SPP (UNLICENSED)	OPERATION	1		1	1				
KARİNE SPP	OPERATION								
FIRINCI SPP	OPERATION	1		2	2				2
KOCALAR WPP	OPERATION								
ÜÇPINAR WPP	OPERATION	1		1	1				
HASANOBA WPP	OPERATION							1	9
DENİZLİ WPP	OPERATION	1		1	1				
SAR-DEM WPP	OPERATION	1		1	1				
	<b>TOTAL</b>	<b>28</b>	<b>4</b>	<b>18</b>	<b>16</b>	<b>3</b>	<b>12</b>	<b>5</b>	<b>16</b>
<b>101</b>									



<sup>11</sup> OTHER HEALTH STAFF

## TRAINING PROGRAM

**Describe the level of environmental, social, health and safety training provided to staff. Submit the appendix, which includes the list of topics, the number of training hours and the number of participants.**

### AKFEN Renewable® Energy Training Program

In 2021, the training program on environmental and social issues, which was revised in 2020, was used. In this context, presentations were created that employees can easily understand. In addition, the training content in question; In addition to face-to-face/distance education organizations, it was also communicated to all participants via mobile systems. In this way, our employees are provided with the opportunity to review these issues at any time.

All the training presentations revised in 2021 are included in the "Training Contents" document (**See Appendix-02**). In the revisions of the training topics, especially the issues of Covid-19, climate change and sustainability were emphasized. While Covid-19 showed heavy effects on a global scale in 2020 and 2021, all operational processes were carried out without any interruption in any of our facilities by means of the preventive measures taken.

Again, in 2021, natural events such as massive fires, floods, flooding, which have devastating effects due to climate change, have occurred in our country as well as all over the world. These developments are included in our updated training contents.

The training program is included in the **App-02**.

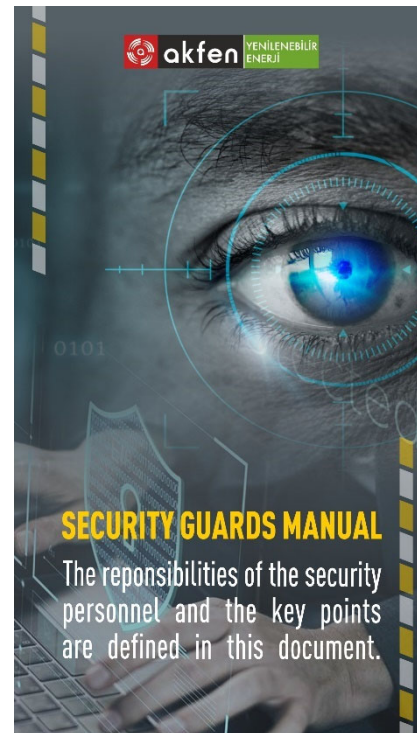
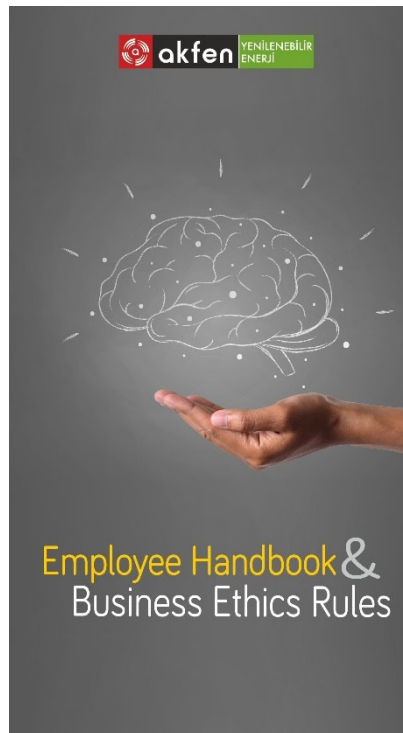
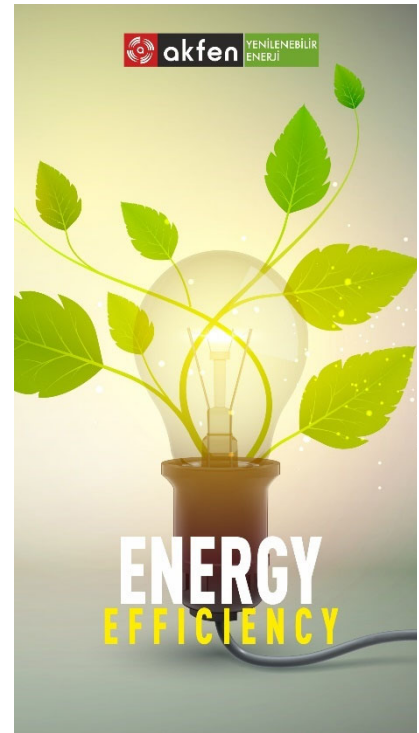


Figure 10. AKFEN RENEWABLE® ENERGY TRAINING PROGRAM





The AKFEN Renewable® Energy Training Program, which consists of 12 main sections, is listed below.



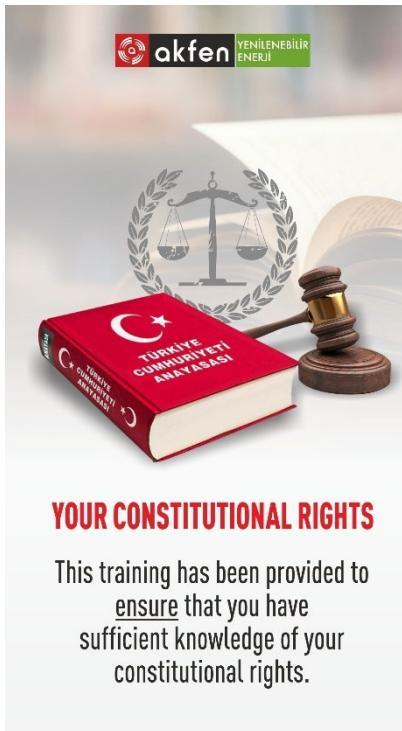
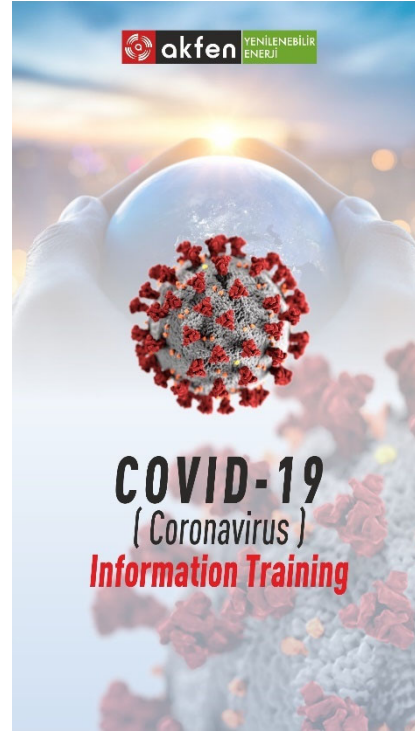
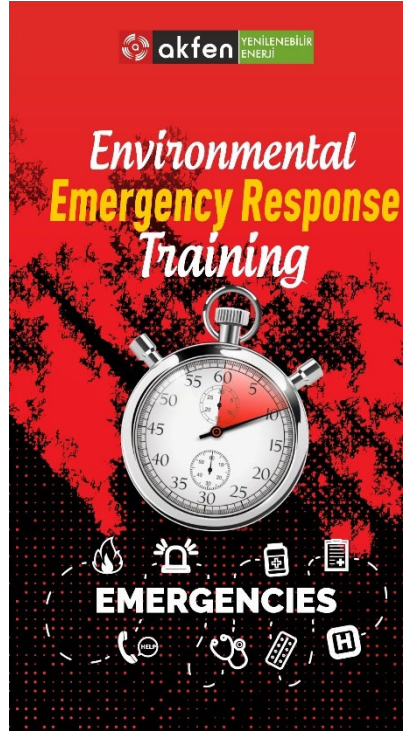
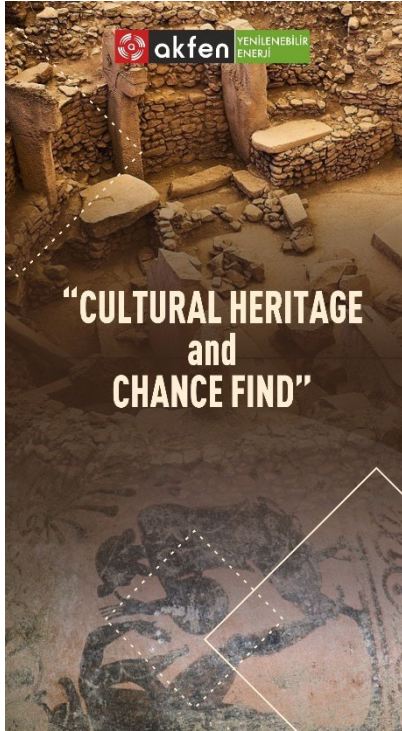


Figure 11. AKFEN RENEWABLE® ENERGY TRAINING PROGRAM TOPICS



## Details of the Training Provided at AKFEN Renewable® Power Plants

All employees working under the umbrella of AKFEN Renewable® Energy, including contractors and subcontractors, receive trainings on environmental, social, governance and sustainability by the 2nd Party surveillance company Enva Mühendislik; OHS trainings by affiliated Joint Health and Safety Units (OSGB) and provided with additional in-house OHS-ESS trainings.

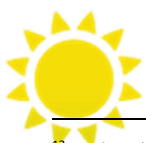
- In 2021, a total of **7706** employee-hours<sup>12</sup> of training have been provided within the scope of Environmental, Social, Governance and OHS issues.
  - **3278** employee-hours of these trainings were carried out within the scope of AKFEN Renewable® Energy Training Program.
    - Enva Mühendislik, which carries out the surveillance and monitoring as 2nd Party, which received SA8000:2018 and internal auditor trainings on behalf of AKFEN Renewable® Energy, provided all of these trainings. Every facility-based employee receives the trainings mentioned below and is evaluated at the end of these trainings.
    - Google Drive links were created and shared, where all facility-based employees can access Environment and Social Responsibility, Zero Waste, Climate Change and basic OHS Training presentations and post-training exam questions. The process has been followed both face-to-face and online.

The training of all personnel working at the facility and their access to the training and exam questions were followed up in cooperation with the 2nd Party monitoring company Enva Mühendislik and the facility managers/managers.

- OHS trainings required to be given within the scope of the law numbered 6331 have been completed in a way to meet the sequential conditions. In 2021, a total of **4428** employee-hours of OHS training was provided by OSGBs.
  - The OHS training record of the personnel must be up-to-date and the required minimum training period must be met, taking into account the hazard class of the work to be performed.  
According to the Regulation on the Procedures and Principles of Occupational Health and Safety Training of Employees-Article 11- (1) (Amendment Amended: RG-24/5/2018-30430), the basic trainings to be given to the employees should be within the regular intervals determined during the continuation of the work;
    - At least 8 hours for less dangerous workplaces,
    - At least 12 hours for dangerous workplaces,
    - At least 16 hours for very dangerous workplaces

Regulation on the Procedures and Principles of Occupational Health and Safety Training of Employees-Article 6- (4) The trainings given in accordance with the first paragraph are repeated at regular intervals specified below, taking into account the changing and emerging risks;

- At least once a year in workplaces classified as very dangerous.
- At least once every two years in workplaces in the dangerous class.
- At least once every three years in workplaces in the less dangerous class.
- OHS training certificates must be signed by appointed OHS Specialists, Occupational Health trainings must be signed by appointed Occupational Physicians and must be arranged to show the training content.
- In-house OHS-ESS trainings include basic OHS Training, first aider training, safe driving techniques training, emergency teams: disaster awareness training, construction machinery operatorship, employee representative training, risk assessment team training, EKAT (electrical works) training, cable attachment and lug connection training. In 2021, all employees received a total of **7220** hours of in-house OHS-ESS training.
- In addition, **1223.5** hours of training was provided to the security personnel in 2021.
- Akfen Renewable® Energy received a total of **268** hours of training on social responsibility practices; ISO 26000:2018- Social responsibility management system; First Aid; Sustainability & Environmental, Social, Governance and individual technical trainings at the head office.



<sup>12</sup> Within the scope of gender equality and anti-discrimination policies, the term person-hour/employee-hour will be included in this report and the following reports instead of the man-hour term in the sector.



**Table 20. TRAINING HOURS PROVIDED WITHIN THE SCOPE OF AKFEN RENEWABLE® ENERGY TRAINING PROGRAM**

		AKFEN RENEWABLE ENERGY TRAINING PROGRAMME														
		NUMBER OF EMPLOYEES	OHS TRAININGS	CONSTITUTIONAL RIGHTS, ETHICAL CODES	ENVIRONMENTAL IMPACTS	WASTE MANAGEMENT	ENVIRONMENTAL EMERGENCIES	BIODIVERSITY	CULTURAL HERITAGE	ENERGY EFFICIENCY & CLIMATE CHANGE	RE ORGANISATION	PREVENTION AGAINST CORONA	AKFEN EMPLOYEE HANDBOOK	SECURITY MANUAL	TOTAL TRAINING TIME	
PLANT NAME	DEPARTMENTS	EMPLOYEE	HOUR/YEAR												EMPLOYEE-HOUR /YEAR	
OTLUCA HPP	OPERATION	20	16	1	1	1	1	1	1	1	1	1	1	1	1	540
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	SECURITY															0
SIRMA HPP	OPERATION	7	16	1	1	1	1	1	1	1	1	1	1	1	1	189
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	SECURITY															0
SEKİYAKA HPP	OPERATION	8	16	1	1	1	1	1	1	1	1	1	1	1	1	216
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	SECURITY															0
DEMİRCİLER HPP	OPERATION	8	16	1	1	1	1	1	1	1	1	1	1	1	1	216
	MAINTENANCE															
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	92
KAVAKÇALI HPP	OPERATION	10	16	1	1	1	1	1	1	1	1	1	1	1	1	270
	MAINTENANCE															
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY															0
GELİNKAYA HPP	OPERATION	6	16	1	1	1	1	1	1	1	1	1	1	1	1	162
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	92
SARAÇBENDİ HPP	OPERATION	11	16	1	1	1	1	1	1	1	1	1	1	1	1	297
	MAINTENANCE															
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY	5	12	1	1	1	1	1	1	1	1	1	1	1	1	115
ÇAMLICA III HPP	OPERATION	13	16	1	1	1	1	1	1	1	1	1	1	1	1	351
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	SECURITY															0
DORUK HPP	OPERATION	12	16	1	1	1	1	1	1	1	1	1	1	1	1	324
	MAINTENANCE															
	ADMINISTRATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27

AKFEN RENEWABLE ENERGY TRAINING PROGRAMME																
PLANT NAME	DEPARTMENTS	NUMBER OF EMPLOYEES	OHS TRAININGS	CONSTITUTIONAL RIGHTS, ETHICAL CODES	ENVIRONMENTAL IMPACTS	WASTE MANAGEMENT	ENVIRONMENTAL EMERGENCIES	BIODIVERSITY	CULTURAL HERITAGE	ENERGY EFFICIENCY & CLIMATE CHANGE	RE ORGANISATION	PREVENTION AGAINST CORONA	AKFEN EMPLOYEE HANDBOOK	SECURITY MANUAL	TOTAL TRAINING TIME	
																EMPLOYEE
	SECURITY	5	12	1	1	1	1	1	1	1	1	1	1	1	1	115
YAĞMUR HPP	OPERATION	11	16	1	1	1	1	1	1	1	1	1	1	1	1	297
	MAINTENANCE															54
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY															0
DOĞANÇAY HPP	OPERATION	19	16	1	1	1	1	1	1	1	1	1	1	1	1	513
	MAINTENANCE															54
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY															0
ÇALIKOBASI HPP	OPERATION	9	16	1	1	1	1	1	1	1	1	1	1	1	1	243
	MAINTENANCE															81
	ADMINISTRATION	3	16	1	1	1	1	1	1	1	1	1	1	1	1	81
	SECURITY	5	12	1	1	1	1	1	1	1	1	1	1	1	1	115
ÇİÇEKLİ HPP	OPERATION	10	16	1	1	1	1	1	1	1	1	1	1	1	1	270
	MAINTENANCE															54
	ADMINISTRATION	2	16	1	1	1	1	1	1	1	1	1	1	1	1	54
	SECURITY															0
DENİZLİ SPP PROJECTS	OPERATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	MAINTENANCE															0
	ADMINISTRATION															0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	1
YAYSUN MT DOĞAL SPP	OPERATION	5	16	1	1	1	1	1	1	1	1	1	1	1	1	135
	MAINTENANCE															0
	ADMINISTRATION															0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	1
AMASYA SPP PROJECTS	OPERATION	1	16	2	2	2	2	2	2	2	2	2	2	2	2	38
	MAINTENANCE															0
	ADMINISTRATION															0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	1
TOKAT SPP PROJECTS	OPERATION	1	16	1	1	1	1	1	1	1	1	1	1	1	1	27
	MAINTENANCE															0
	ADMINISTRATION															0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	1	1
OMICRON PSİ SPP	OPERATION	3	16	1	1	1	1	1	1	1	1	1	1	1	1	81
	MAINTENANCE															0
	ADMINISTRATION															0
	SECURITY	10	12	1	1	1	1	1	1	1	1	1	1	1	1	1

AKFEN RENEWABLE ENERGY TRAINING PROGRAMME															
		NUMBER OF EMPLOYEES	OHS TRAININGS	CONSTITUTIONAL RIGHTS, ETHICAL CODES	ENVIRONMENTAL IMPACTS	WASTE MANAGEMENT	ENVIRONMENTAL EMERGENCIES	BIODIVERSITY	CULTURAL HERITAGE	ENERGY EFFICIENCY & CLIMATE CHANGE	RE ORGANISATION	PREVENTION AGAINST CORONA	AKFEN EMPLOYEE HANDBOOK	SECURITY MANUAL	TOTAL TRAINING TIME
PLANT NAME	DEPARTMENTS	EMPLOYEE	HOUR/YEAR												EMPLOYEE-HOUR /YEAR
ME-SE SPP	OPERATION	1	16	1	1	1	1	1	1	1	1	1	1	1	27
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
SOLENTEGRE KARİNE SPP	OPERATION	1	16	1	1	1	1	1	1	1	1	1	1	1	27
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
FIRINCI SPP	OPERATION	1	16	1	1	1	1	1	1	1	1	1	1	1	27
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	5	12	1	1	1	1	1	1	1	1	1	1	1	115
KOCALAR WPP	OPERATION	8	16	1	1	1	1	1	1	1	1	1	1	1	216
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
ÜÇPINAR WPP	OPERATION	7	16	1	1	1	1	1	1	1	1	1	1	1	189
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	3	12	1	1	1	1	1	1	1	1	1	1	1	69
HASANOBA WPP	OPERATION	6	16	1	1	1	1	1	1	1	1	1	1	1	162
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
DENİZLİ WPP	OPERATION	8	16	1	1	1	1	1	1	1	1	1	1	1	216
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
SAR-DEM WPP	OPERATION	8	16	1	1	1	1	1	1	1	1	1	1	1	216
	MAINTENANCE														0
	ADMINISTRATION														0
	SECURITY	4	12	1	1	1	1	1	1	1	1	1	1	1	92
<b>TOTAL</b>		<b>4428</b>	<b>3278</b>												<b>7706</b>

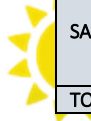


Table 21. IN-HOUSE OHS-ESS TRAININGS

	EMPLOYEE-HOUR x YEAR									
	BASIC OHS TRAINING	FIRST AID TRAINING	SAFE DRIVING TECHNIQUES TRAININGS	EMERGENCY TEAMS DISASTER AWARENESS	CONSTRUCTION MACHINES OPERATOR	EMPLOYEE REPRESENTATIVE TRAINING	RISK ASSESSMENT TEAM	EKAT (ELECTRIC OP.) TRAINING	CABLE ATTACHMENT AND CONNECTION	TOTAL
OTLUCA HPP	336	160	120	42		1	6	160		825
SIRMA HPP	128	72	48	16		1	5			270
SEKİYAKA HPP	144		54	18		1	5			222
DEMİRCİLER HPP	160		60	20		1	5			246
KAVAKÇALI HPP	192		48	24		1	5			270
GELİNKAYA HPP	112		24	14		1	3			154
SARAÇBENDİ HPP	208		72	26		1	4			311
ÇAMLICA III HPP	208	24	78	26		1	4	160		501
DORUK HPP	208	48	66	26		1	4			353
YAĞMUR HPP	192	40	72	24		1	4			333
DOĞANÇAY HPP	352	24	114	44		1	6			541
ÇALIKOBASI HPP	208		66	26		1	4			305
ÇİÇEKLİ HPP	176	176	60	22	320	1	3			758
DENİZLİ SPP PROJECTS	16			1		1	1			19
YAYSUN- MT DOĞAL SPP	96			5		1	3			105
AMASYA SPP PROJECTS	16			1		1	1			19
TOKAT SPP PROJECTS	16	16		1		1	1			35
OMICRON/PSİ SPP	48			3		1	1			53
ME-SE SPP	16	16				1	1			34
SOLENTEGRE / KARİNE SPP	16			1		1	1			19
IOTA M. FIRINCI SPP	16	80		1		1	1			99
KOCALAR WPP	96			6		1	3	320	18	444
ÜÇPİNAR WPP	96	32		6		1	3		12	150
HASANOBA WPP	80	16		5		1	3		18	123
DENİZLİ WPP	112			7	180	1	4	320	30	654
SAR-DEM WPP	128	64		8		1	4	160	12	377
<b>TOTAL</b>	<b>3376</b>	<b>768</b>	<b>882</b>	<b>373</b>	<b>500</b>	<b>26</b>	<b>85</b>	<b>1120</b>	<b>90</b>	<b>7220</b>

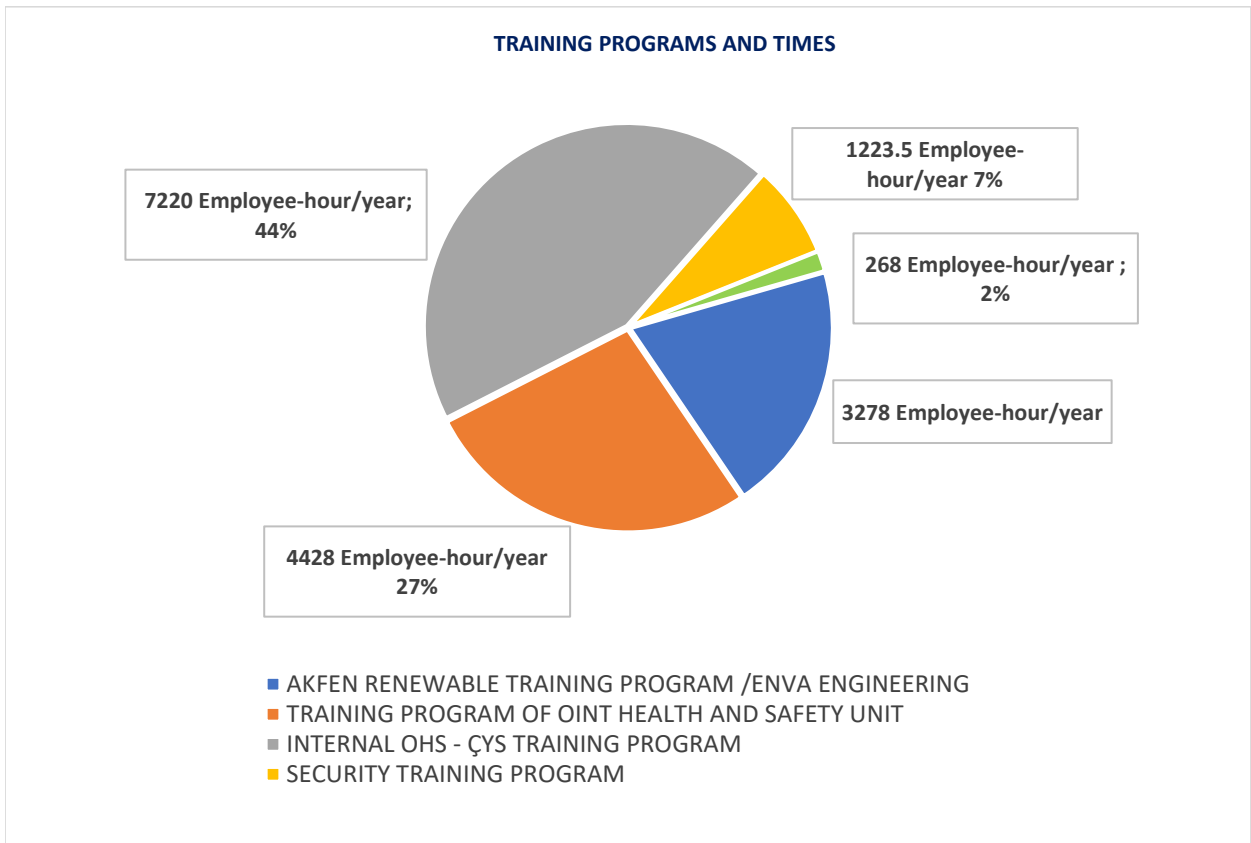


## AKFEN Renewable® Energy Head Office Training

In 2021, besides the trainings on environmental and social issues that all employees under the umbrella of AKFEN Renewable® Energy receive, the management team at AKFEN Renewable® Energy head office received the trainings listed below.

**Table 22. TRAINING TOPICS ON ENVIRONMENTAL AND SOCIAL ISSUES THAT HEAD OFFICE MANAGEMENT TEAM RECEIVED**

TRAINING TOPIC	DATE	TRAINER	DURATION (h)	NUMBER OF TRAINEES	EMPLOYEE x HOUR
Social responsibility practices executive information training ISO 26000:2018	20.10.2021	Özlem Ersavaş (Sociologist)	2	12	24
Social responsibility management system	27.10.2021	Özlem Ersavaş (Sociologist)	1,5	35	52,5
First Aid Training	18-19.11.2021	Ayça Sönmez	16	4	48
Environmental, Social and Governance Topics and Sustainability	2.12.2021	Lütfiye Özdirek	1	22	22
Individual technical trainings	Along 2021	Technical expert			121
<b>TOTAL</b>					<b>268</b>



**Graphic 5. TRAINING PROGRAM AND TRAINING HOURS**





Visuals from on-site trainings are presented below.

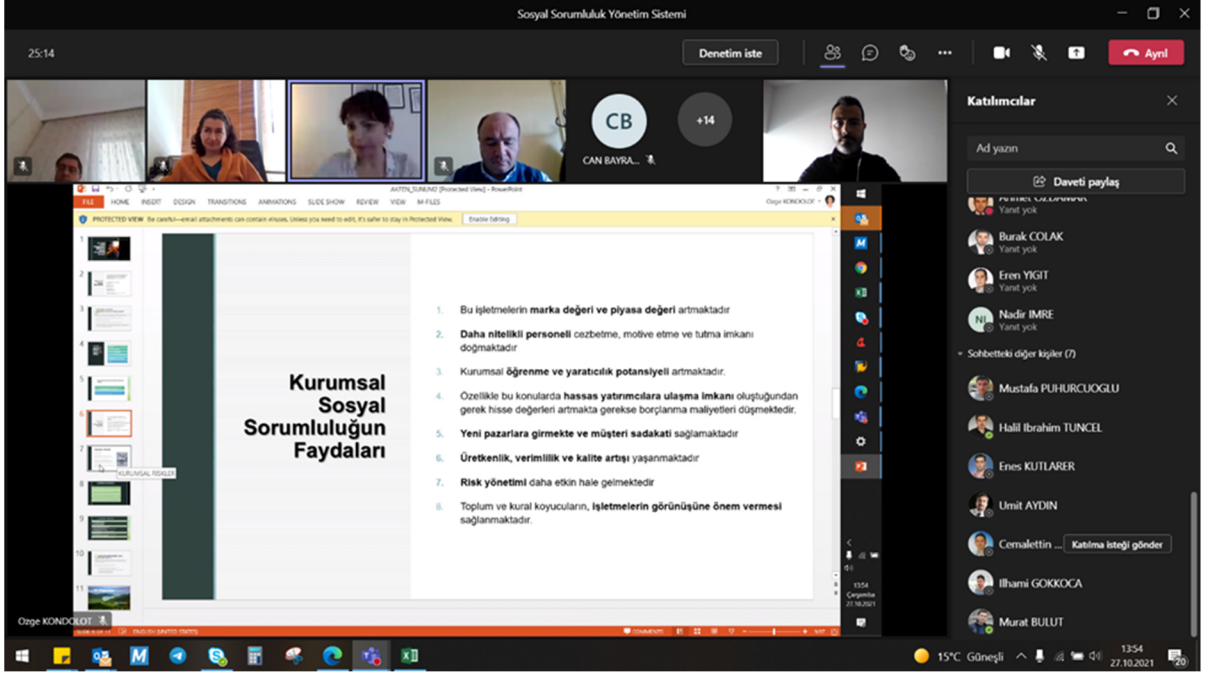


Picture 33. TRAININGS WITHIN THE SCOPE OF 2021 AKFEN RENEWABLE® ENERGY TRAINING PROGRAM



Picture 34. 2021 IN-HOUSE OHS-ESS TRAININGS





Picture 35. ONLINE TRAINING PHOTOS IN 2021



May cause damage during the reporting period; Have you faced with any situation that caused injury, death, or other health problems, attracted the attention of external parties, affected the project's workforce population, neighbouring population, cultural assets, or posed a liability for your company?

Yes |  No

Çiçekli HPP facility was submerged as a result of a natural disaster on 22 July 2021. The heavy rains, which were effective as of the first hours of 22.07.2021, increased their intensity in the morning hours and a serious increase occurred in the water level around 08:00, and landslides on the upper parts of the location and on the slopes began at around 09:00. In the first stage, the regulator areas were under soil and incoming precipitation, and then the powerhouse was completely flooded at around 11:00 am. The inspection and evaluation processes of the facility, which is currently insured as of the date of the event in question, is in progress.



Picture 36. PHOTOS OF THE SITUATION AFTER FLOOD DISASTER OF ÇİÇEKLİ HPP FACILITY AREA



## PUBLIC RELATIONS AND STAKEHOLDER IMPACT MANAGEMENT STUDIES

**Explain any ongoing public opinion and disclosure, relationship or public relations initiatives with nongovernmental organizations (NGOs), civil society, local communities on environmental or social issues.**

On environmental or social issues; The ongoing public opinion and information, relations with non-governmental organizations (NGOs), civil society, local communities, and public relations initiatives are explained under separate headings below.

### TİKAV

Akfen Renewable® Energy cooperates with the Turkish Human Resources Education and Health Foundation (TİKAV) to realize Akfen Holding's social responsibility projects. Akfen Renewable® Energy Inc. in cooperation:

- "School at Home Project", which started in 2017,

Developing a community participation program for power plants at least once a year is the policy of Akfen Renewable® Energy. The social responsibility project " School at Home Project" is implemented in all locations where Akfen Renewable® Energy's facilities/power plants present.

- "Health First Project" was implemented in 2018,
- "Hygiene is Health Project" funded by Akfen Renewable® Energy Inc., which has active Solar, Wind and Hydroelectric Power Plant operations in 26 different locations in 2019.
- "The Future is in Our Hands, in Our Saving House Project" has been implemented in 2020.

Akfen Renewable® Energy has established a Corporate Social Responsibility (CSR) Program in which at least one social responsibility project is completed per year. Due to the pandemic in 2021, TİKAV could not carry out corporate social responsibility work. Cooperation with TİKAV will continue in the future.

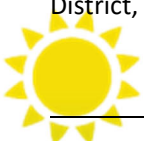
### Public Participation Meetings

Within the scope of capacity increases of our WPP projects, public participation meetings<sup>13</sup> were held to inform the local people. During these meetings, non-technical information about the projects was conveyed, and the questions of the local people on the subject were answered. Shared documents are provided in **Annex-14**.

### WPP CAPACITY INCREASE PUBLIC PARTICIPATION MEETINGS

#### *DENİZLİ WIND POWER PLANT CAPACITY INCREASE PROJECT PUBLIC PARTICIPATION MEETING*

"Public Participation Meeting" were held in Denizli and Aydın Provinces to inform the people about the activity and to get their opinions and suggestions by Korda Energy Production Marketing Import and Export Inc. for the project "Denizli Wind Power Plant Capacity Increase [from 22 Turbines - 74.8 MWm / 66 MWe to 27 Turbines - 99.8 MWm / 91 MWe]" within the borders of Aydın Province, Karacasu District and Denizli Province, Babadağ District, in accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation.



<sup>13</sup> WARNING: Public information meetings were held by taking necessary precautions due to Covid-19. Pictures without personal distance and mask use belong to the pre-Covid-19 period.

For informing about the project; The Public Participation Meeting was attended by the representatives of Korda Enerji Üretim Pazarlama İthalat ve İhracat A.Ş. -which is the owner of the Project-, the Ministry of Environment and Urbanization, Aydın and Denizli Provincial Directorate of Environment and Urbanization, Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti., the company that carries out the EIA Engineering Services.

The public participation meeting in Aydın province was held in Aydın province, Karacasu county, Ataköy District, Coffeehouse. Denizli Public Participation Meeting was held in Denizli Province, Babadağ District, Demirli Neighborhood Demirli District Mukhtar's Office.

Approximately 20 people from Aydın and Denizli provinces attended the Public Participation Meeting. Local people were informed about the project and the environmental impacts that will occur during the construction and operation phases of the project and the precautions to be taken. The questions aforementioned were answered by both the project owner officials and the company officials carrying out the EIA Engineering Services, and the local people were enlightened with the necessary explanations. During the studies, the local people were informed that there is a legal obligation to comply with the precautions stated in the report against environmental impacts and all the provisions of the legislation in force.

The questions regarding the realization of the project from the local people were as follows.

- Advantages and disadvantages of the project to the settlements,
- Where will the employment of personnel who will work within the scope of the project be provided,
- Benefit of the electricity produced within the scope of the project to the settlements,
- How the noise effect will be formed during the project operation phase,
- What are the measures to be taken to prevent dusting that will occur on transportation roads during construction works.

Necessary explanations were made to the local people who requested information about the above issues. Below are the visuals of the meetings attended by the stakeholders.



Picture 37. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN DENİZLİ AND AYDIN PROVINCES

## HASANOBA WIND POWER PLANT CAPACITY INCREASE PROJECT PUBLIC PARTICIPATION MEETING

A "Public Participation Meeting" was held in Çanakkale on 28/12/2020 to inform the people about the activity and to get their opinions and suggestions by Kovancı Enerji Üretim Pazarlama İth. ve İhr. A.Ş. for the project "HASANOBA WIND POWER PLANT CAPACITY INCREASED [from 15 Turbines – 51 MWm / 51 MWe to –Total 20 Turbines – 76 MWm / 76 MWe]" within the boundaries of Çanakkale Province, Central District, İntepe Village In accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation.

For informing about the project; Kovancı Enerji Üretim Pazarlama İth. and İhr. Inc. -which is the owner of the Project- officials, the Ministry of Environment and Urbanization, Çanakkale Provincial Directorate of Environment and Urbanization, Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti., the company that carries out the EIA Engineering Services.

The public participation meeting in Çanakkale was held at the Amphitheater/Wedding Hall of Çağrı Küçük Sokak, İntepe Village (Erenköy). Approximately 25 people attended the Public Participation Meeting. Local people were informed about the project and the environmental impacts that will occur during the construction and operation phases of the project and the precautions to be taken. The questions aforementioned were answered by both the project owner officials and the company officials carrying out the EIA Engineering Services, and the local people were enlightened with the necessary explanations. During the studies, the local people were informed that there is a legal obligation to comply with the precautions stated in the report against environmental impacts and all the provisions of the legislation in force.

The questions regarding the realization of the project from the local people were as follows.

- Advantages and disadvantages of the project to the settlements,
- How the project in question will affect the natural life / wildlife,
- Whether afforestation is carried out in relation to the trees cut for the existing turbine areas, which institution provides the control of tree cutting/planting originating from the project,
- What are the differences of the turbines to be built from the existing turbines,
- Which hazardous wastes appear with the project and how they will be disposed of,
- Whether the project will have an impact on bird migration routes, broadcasting organizations (TV, radio, etc.),
- The project name should be Erenköy, not Hasanoba,
- Immediate correction and repair of village roads deteriorated during transportation,
- Where will the employment of personnel who will work within the scope of the project be provided,
- Benefit of the electricity produced within the scope of the project to the settlements,
- How the noise will be affected during the project operation phase,
- What are the measures to be taken to prevent dust that will occur on transportation roads during construction works.



Necessary explanations were made to the local people who requested information about the above issues. Below are the visuals of the meetings attended by the stakeholders.



Picture 38. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF HASANOBA WIND POWER PLANT PROJECT

#### *KOCALAR WIND POWER PLANT CAPACITY INCREASE PROJECT PUBLIC PARTICIPATION MEETING*

In Çanakkale Province, Merkez District, Çamyayla Village, Çan District, Kumarlar Village and Ice Cream Village, "Kocalar Wind Power Plant Capacity Increase [from 9 Turbines – 30.6 MWm / 26 MWe – Total 14 Turbines – 55.6 MWm / 51 MWe]" Project, in accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation, "Public Participation Meeting" was held in Çanakkale on the date and time stated below to inform the public about the activity and to get their opinions and suggestions by Isider Enerji Üretim Pazarlama İth. ve İhr. A.Ş.

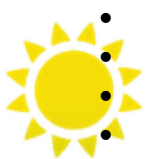
For informing about the project; Isider Enerji Üretim Pazarlama İth. ve İhr. A.Ş. -which is the owner of the Project- officials, the Ministry of Environment and Urbanization, Çanakkale Provincial Directorate of Environment and Urbanization, Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti., the company that carries out the EIA Engineering Services.

Approximately 20 people attended the Public Participation Meeting held in Çanakkale Province, Central District, Çamyayla Village Central Mosque Garden. Local people were informed about the project and the environmental impacts that will occur during the construction and operation phases of the project and the precautions to be taken.

The questions in question were answered by both the project owner officials and the company officials carrying out the EIA Engineering Services, and the local people were enlightened with the necessary explanations.

During the studies, the local people were informed that there is a legal obligation to comply with the precautions stated in the report against environmental impacts and all the provisions of the legislation in force.

The questions regarding the realization of the project from the local people were as follows.



- Advantages and disadvantages of the project to the settlements,
- Benefit of the electricity produced within the scope of the project to the settlements,
- How the noise will be affected during the project operation phase,
- What are the measures to be taken to prevent dust that will occur on transportation roads during construction works.

Necessary explanations were made to the local people who requested information about the above issues. Below are the visuals of the meetings attended by the stakeholders.



Picture 39. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF KOCALAR WIND POWER PLANT CAPACITY INCREASE PROJECT

#### SARITEPE WIND POWER PLANT CAPACITY INCREASE PROJECT PUBLIC PARTICIPATION MEETING


A "Public Participation Meeting" was held by İMBAT ENERJİ A.Ş. , for the Project "Saritepe Wind Power Plant Capacity Increase (from 20 Turbine 57 MWm / 50 MWe - Total 22 Turbines)" 64.8 MWm / 57.8 MWe)" within the borders of Osmaniye Province, Bahçe District, Yukarıkardere Village, Kahramanmaraş Province, Türkoğlu District, Dedeler District and Gaziantep Province, Nurdağı District Olucak District, in accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation, in order to inform the public about the activity in the provinces of Osmaniye, Kahramanmaraş and Gaziantep at the date and time specified below and to get their opinions and suggestions.

For informing about the project; İmbat Enerji A.Ş., -which is the owner of the Project- officials, the Ministry of Environment and Urbanization, Osmaniye, Kahramanmaraş and Gaziantep Provincial Directorates of Environment and Urbanization, Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti., the company that carries out the EIA Engineering Services.

Osmaniye Province Public Participation Meeting was held at the address of Böğüroluk locality (Pınarlar Locality), Kaman Village, Bahçe District. Public Participation Meeting of Kahramanmaraş Province was held in Türkoğlu District Dedeler District Dedeler Primary School / School Garden. Gaziantep City Public Participation Meeting was held in Nurdağı District, Olucak quarter Tümbel Primary School.

Groups of approximately 20 people each participated in the Public Participation Meeting in the provinces of Osmaniye, Kahramanmaraş and Gaziantep. Local people were informed about the project and the environmental impacts that will occur during the construction and operation phases of the project and the precautions to be taken. The questions aforementioned were answered by both the project owner officials and the company officials carrying out the EIA Engineering Services, and the local people were enlightened with the necessary explanations. During the studies, the local people were informed that there is a legal obligation to comply with the precautions stated in the report against environmental impacts and all the provisions of the legislation in force.

The questions regarding the realization of the project from the local people were as follows.

- 
- Advantages and disadvantages of the project to the settlements,
  - Where will the employment of personnel who will work within the scope of the project be provided,
  - Benefit of the electricity produced within the scope of the project to the settlements,
  - How the noise will be affected during the project operation phase,
  - What are the measures to be taken to prevent dusting that will occur on transportation roads during construction works.



Necessary explanations were made to the local people who requested information about the above issues. Below are the visuals of the meetings attended by the stakeholders.



Picture 40. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF SARITEPE WIND POWER PLANT CAPACITY INCREASE PROJECT



Picture 41. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN KAHRAMANMARAŞ



Picture 42. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN GAZIANTEP PROVINCE



## UCPINAR WIND POWER PLANT CAPACITY INCREASE PROJECT PUBLIC PARTICIPATION MEETING

A "Public Participation Meeting" was held by Derbent Enerji Üretim Pazarlama İthalat ve İhracat A.Ş., for the Project "Üçpınar Wind Power Plant Capacity Increase [33 Turbines – 112.2 MWm / 99 MWe from 35 Turbines – 122.2 MWm / 109 MWe]" within the borders of Çanakkale Province, Merkez District, Bodurlar Village and Lapseki District, Üçpınar Village, in accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation, at the date and time specified below in order to inform the public about the activity and to get their opinions and suggestions.

For informing about the project; Derbent Enerji Üretim Pazarlama İthalat Ve İhracat A.Ş. -which is the owner of the Project- officials, the Ministry of Environment and Urbanization, Çanakkale Provincial Directorates of Environment and Urbanization, Enva Çevre İş Sağlığı ve Güvenliği Enerji Müh. Müş. Dan. Taah. San. ve Tic. Ltd. Şti., the company that carries out the EIA Engineering Services.

Public Participation Meeting was held in Çanakkale Province, Lapseki District, Üçpınar Village, Üçpınar Village Mosque Lower Part Meeting Area. Approximately 35 people attended the meeting.

Local people were informed about the project and the environmental impacts that will occur during the construction and operation phases of the project and the precautions to be taken. The questions aforementioned were answered by both the project owner officials and the company officials carrying out the EIA Engineering Services, and the local people were enlightened with the necessary explanations. During the studies, the local people were informed that there is a legal obligation to comply with the precautions stated in the report against environmental impacts and all the provisions of the legislation in force.

The questions regarding the realization of the project from the local people were as follows.

- Advantages and disadvantages of the project to the settlements,
- Where will the employment of personnel who will work within the scope of the project be provided,
- Benefit of the electricity produced within the scope of the project to the settlements,
- How the noise will be affected during the project operation phase,
- What are the measures to be taken to prevent dusting that will occur on transportation roads during construction works.

Necessary explanations were made to the local people who requested information about the above issues. Below are the visuals of the meetings attended by the stakeholders.



Picture 43. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE UCPINAR WIND POWER PLANT CAPACITY INCREASE PROJECT



## HYBRID PROJECTS PUBLIC PARTICIPATION MEETINGS

Within the scope of our Hybrid Projects, public participation meetings were held in order to inform the local people. During the said meetings, non-technical information about the projects was conveyed, and the questions of the local people on the subject were answered.

### *DEMİRCİLER AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING*

It is planned to invest in the "Demirciler Wind Power Plant Auxiliary Resource Solar Power Plant Project (13.2678 MWm / 13.2678 MWe Installed Power, Total 19.47 Ha Area)" within the borders of Yukarıkardere Village, Bahçe District, Osmaniye Province by İMBAT ENERJİ A.Ş. In accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation for the aforementioned project, a "Public Participation Meeting" was held on the following date and time to inform the public about the activity and to get their opinions and suggestions.

**Meeting Place:** Yukarıkardere Village Condolence Area opposite the Central Mosque  
**Meeting Address:** Yukarıkardere Village Condolence Area, Bahçe District / OSMANİYE  
**Meeting Date:** 22.10.2021  
**Meeting Time:** 14:00

Below are the visuals of the meetings attended by the stakeholders.



Picture 44. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD IN OSMANİYE WITHIN THE SCOPE OF DEMİRCİLER HYBRID SOLAR POWER PLANT PROJECT

### *HASANOBA AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING*

It is planned to invest in the "Hasanoba Wind Power Plant Utility Source Solar Power Plant Project (12.6846 MWm / 12.6846 MWe Installed Power, Total Area of 18.70 Ha)" within the borders of Çanakkale Province, Merkez District, İntepe (Erenköy) and Dümrek Villages by Kovancı Enerji Üretim Pazarlama İth. ve İhr. A.Ş. In accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation for the aforementioned project, a "Public Participation Meeting" was held on the following date and time to inform the public about the activity and to get their opinions and suggestions.

**Meeting Place:** İntepe Village (Erenkoy) Mukhtar Building Assembly Hall  
**Meeting Address:** 18 Mart Sokak, İntepe Village (Erenkoy) Center / Çanakkale  
**Meeting Date:** 04.11.2021  
**Meeting Time:** 15:00

Below are the visuals of the meetings attended by the stakeholders.



Picture 45. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF HASANOBA HYBRID SOLAR POWER PLANT PROJECT

#### SARITEPE AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING

It is planned to invest in the “Saritepe Wind Power Plant Supplementary Welding Solar Power Plant (12.9762 MWm / 12.9762 MWe Installed Power, Total 19.09 Ha Area)” within the borders of Osmaniye Province, Bahçe District, Kaman Village by İMBAT ENERJİ A.Ş. In accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation for the aforementioned project, a "Public Participation Meeting" was held on the following date and time to inform the public about the activity and to get their opinions and suggestions.

**Meeting Place:** Böğüroluk Locality (Pınarlar Locality) Recreation Area Next to the Village Masjid  
**Meeting Address:** Böğüroluk Locality (Pınarlar Locality), Kaman Village, Bahce District / Osmaniye  
**Meeting Date :** 22.10.2021  
**Meeting Time :** 10:00

Below are the visuals of the meetings attended by the stakeholders.



Picture 46. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF SARITEPE HYBRID SOLAR POWER PLANT PROJECT

### UCPINAR AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING

Derbent Energy Production Marketing Import and Export Inc. is planned to invest in the “Üçpınar Wind Power Plant Utility Solar Power Plant Project (40.0221 MWm / 40.0221 MWe Installed Power, Total 58.89 Ha Area)” within the borders of Çanakkale Province, Lapseki District, Üçpınar Village. In accordance with Article 9 of the Environmental Impact Assessment (EIA) Regulation for the aforementioned project, a "Public Participation Meeting" was held on the following date and time to inform the public about the activity and to get their opinions and suggestions.

**Meeting Place:** Üçpınar Village Mosque Lower Part Meeting Area  
**Meeting Address:** Çanakkale Province, Lapseki District, Üçpınar Village  
**Meeting Date:** 04/11/2021  
**Meeting Time:** 10:00

Below are the visuals of the meetings attended by the stakeholders.



Picture 47. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE UCPINAR HYBRID SOLAR POWER PLANT PROJECT

### DENİZLİ AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING

A "Public Participation Meeting" was held in November 2021 for the Denizli Wind Power Plant Auxiliary Source Solar Power Plant Project with an installed capacity of 6.3666 mwm within the borders of Denizli Province, Babadağ District, Kiranyer District and Aydın Province, Karacasu District, Palamutçuk and Işıklar Districts by Korda Enerji Üretim Paz. İth. Ve İhr. A.Ş.



Picture 48. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF THE DENİZLİ HYBRID SOLAR POWER PLANT PROJECT

## KOCALAR AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING

A "Public Participation Meeting" was held in November 2021 for the Kocalar Wind Power Plant Auxiliary Resource Solar Power Plant Project with an Installed Power of 4,9572 MWm within the borders of Çanakkale Province, Merkez District, Çamyayla Village by Isıder Enerji Üretim Pazarlama İthalat ve İhracat A.Ş.



Picture 49. PHOTOS OF THE PUBLIC PARTICIPATION MEETING HELD WITHIN THE SCOPE OF KOCALAR HYBRID SOLAR POWER PLANT PROJECT

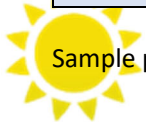
### Social Aids

Our main goal is; to establish good relations with our stakeholders at all stages of the project processes and by exchanging information; is to carry out our work in good faith. In this context; examples of the social assistance we provide in the regions where our projects are located in 2021 are given below.

Table 23. EXAMPLES OF SOCIAL AIDS IN 2021

Project Location	Social Aid
FIRINCI SPP	<ul style="list-style-type: none"> <li>Food aid has been provided to local people who are experiencing financial difficulties due to the pandemic.</li> <li>A coal holder was built for the school and coal was provided for use.</li> <li>Health center support was requested from Akfen Renewable® Energy in order to meet the health needs of the people of the region. The village mukhtar has been directed to start an official permission process. The budget is held up because the official permit applications of the mayors have not yet been completed. Following the completion of the permit processes, support will be provided from the CSR budget.</li> <li>Local students were given the opportunity to do internships at the facility. One female student studying at the Department of Energy Systems Engineering was recruited as an intern.</li> </ul>
YAYSUN SPP MT DOĞAL SPP	<ul style="list-style-type: none"> <li>Financial support was provided for the construction of Zengen Village Social Facilities.</li> </ul>
VAN SPP	<ul style="list-style-type: none"> <li>Aid was provided to meet the needs of Kiyıcak Lions Primary and Secondary School.</li> <li>Support was provided within the scope of food aid for local people experiencing financial difficulties due to the pandemic during Ramadan.</li> </ul>
DEMİRCİLER HPP	<ul style="list-style-type: none"> <li>Financial support was provided for village road infrastructure works within the scope of Demirciler WPP project.</li> </ul>
SARITEPE WPP	<ul style="list-style-type: none"> <li>Financial support was provided to the school in Dedeler Village of Türkoğlu district.</li> <li>Support was provided to the drinking water infrastructure of Kaman village.</li> </ul>
KOCALAR WPP	<ul style="list-style-type: none"> <li>Renovation activities were carried out in the drinking water well and pump of the village people.</li> <li>Food aid has been provided to local people who are experiencing financial difficulties due to the pandemic.</li> </ul>
ÜÇPINAR WPP	<ul style="list-style-type: none"> <li>A drinking water well and pumping system has been installed in the village square for the common use of the villagers.</li> <li>Food aid has been provided to local people who are experiencing financial difficulties due to the pandemic.</li> <li>Improvements have been made to the transportation routes by providing the support of work machines in order to provide comfortable access to the agricultural land of the villagers.</li> <li>Financial support was provided to the Harmançık Village within the scope of the Social Facility renovation.</li> <li>Financial support was provided to the Hacigelen Village within the scope of the Social Facility renovation works.</li> </ul>
HASANOBA WPP	<ul style="list-style-type: none"> <li>Financial support was provided for the infrastructure works of Erenköy Neighborhood.</li> <li>Drinking water energy cost support was provided to İntepe Village.</li> <li>Garbage containers were provided to İntepe Village and financial support was provided.</li> </ul>

Project Location	Social Aid
	<ul style="list-style-type: none"> <li>Support was provided within the scope of food aid for local peoples experiencing financial difficulties due to the pandemic during Ramadan.</li> </ul>
DENİZLİ WPP	<ul style="list-style-type: none"> <li>Seed screening machine has been purchased to Ataköy mukhtar's office so that the villagers can use it free of charge in their agricultural activities.</li> <li>Within the scope of forest fires, fire hoses have been provided for use in Aydın Province region.</li> <li>Food aid has been provided to local people who are experiencing financial difficulties due to the pandemic.</li> <li>Financial support was provided to the cultural and regional festivals held in Karacasu district.</li> <li>Financial support has been provided to the information processing technical infrastructures of the governorship.</li> <li>Within the scope of interaction with the local community and local development projects, a beekeeping cooperative was established, including 6 villages located close to Denizli WPP project site, in line with the decision to evaluate and support beekeeping projects. In this process, geographical markings and patents were obtained under the name "Thyme and Geven Honey" (2019-2020).</li> <li>In 2021, aromatic plants were planted at certain points for bees to receive pollen in the locations where beekeeping activities are located.</li> <li>Ataköy social facility renovation works have been funded.</li> </ul>
DEMİRCİLER HPP	<ul style="list-style-type: none"> <li>Aid was provided to the Kale Soyal Assistance and Solidarity Foundation for the bicycle campaign to be distributed to 100 successful students in Kale district.</li> <li>Food aid has been provided to local people who are experiencing financial difficulties due to the pandemic.</li> </ul>
SIRMA HPP	<ul style="list-style-type: none"> <li>Mask aid was provided to Amasya Neighborhood Primary School.</li> <li>Food aid was provided to the Forestry Department in case of forest fires.</li> <li>Financial support was provided to Bozdogan District Directorate of National Education.</li> </ul>
KAVAKÇALI HPP	<ul style="list-style-type: none"> <li>School uniforms were purchased for primary school students at Kavakçalı Primary School.</li> <li>Upon the request of the mukhtar of Kavakçalı village, an announcement system was built in the village.</li> </ul>
ÇAMLICA III HPP	<ul style="list-style-type: none"> <li>Yahyalıspor football club has been provided with material aid: Sportswear has been taken for Yahyalıspor.</li> <li>Carpet aid was provided for Balçıcakır mosque.</li> <li>Food packages were distributed as food aid to the needy around the plant.</li> <li>Assistance has been provided for the renovation of Çavdarlıuşağı Primary School.</li> </ul>
YAĞMUR HPP	<ul style="list-style-type: none"> <li>Food aid was provided to the locals who were not in good financial situation in Gündoğan District.</li> <li>LG brand Monitor was donated to Çoruh Electricity Distribution.</li> <li>Aid was provided to Köprübaşı District Police Department for system infrastructure works.</li> </ul>
Çiçekli HPP	<ul style="list-style-type: none"> <li>Food aid has been provided to the needy.</li> <li>OffRoad Games have been supported for MUROFF Association.</li> </ul>
DORUK HPP	<ul style="list-style-type: none"> <li>Food aid was provided to the needy with the request of Kızıldaş Village.</li> <li>10 pieces of 500 gauge Corrugated pipes and 10 ATU pipes of 2000 meters 40 gauge were purchased for Kızıldaş Village.</li> <li>120 lt of diesel was provided to Tepeköy Village for road cleaning works.</li> <li>10 corrugated pipes were purchased for Tepeköy Village.</li> <li>At the request of the Kızıldaş Village, the purchase of a work machine and village participation share aid were provided.</li> <li>Rent aid was provided to Tepeköy Village Development and Assistance Association.</li> <li>A Hyundai Turbo 650 model tree cutting machine was purchased for Kızıldaş Village.</li> <li>Security cameras were purchased for the Dereli District Gendarmerie Command.</li> <li>Financial aid was provided to Giresunspor Club.</li> <li>Food aid was provided to the Kızıldaş Village Quran course.</li> <li>Food aid was provided to Kızıldaş, Aksu, Tepeköy, Tamdere Villages.</li> </ul>
SEKİYAKA HPP	<ul style="list-style-type: none"> <li>Financial aid was provided for Seydikemer Municipality Söğütüdere Village.</li> </ul>
ÇALIKOBASI HPP	<ul style="list-style-type: none"> <li>Food aid was provided to the needy in Tandır Village during Ramadan.</li> <li>Work machine rent has been paid for the repair of Tandır Village road.</li> <li>A water pipe was purchased for the renovation of the Tandır Village drinking water system.</li> <li>Concrete was purchased for the Tandır Village road protection wall.</li> </ul>
DOĞANÇAY HPP	<ul style="list-style-type: none"> <li>Financial support was provided for the infrastructure works of Boğazköy, Doğançay, Nuriosmaniye, Kızılkaya and Geyve District Gendarmerie.</li> <li>Coal was purchased for Dogançay Neighborhood Mosque.</li> <li>Camera system was installed in Kızılkaya Mukhtar's office and sports uniform purchase was provided for Kızılkaya Sports Club.</li> <li>Financial assistance was provided to the Boğazköy village, for a school trip.</li> </ul>
GELİNKAYA HPP	<ul style="list-style-type: none"> <li>Disinfection and mask aid were provided to Gelinkaya Village.</li> </ul>
SARAÇBENDİ HPP	<ul style="list-style-type: none"> <li>Food aid was provided to the needy in Gemerek district.</li> <li>Infrastructure works were supported for the Gemerek District Gendarmerie Command.</li> <li>Donations were made to " Gemerek Women's Initiative Production Cooperative".</li> </ul>



Sample photos of social assistance made at our facilities in 2021 are provided below.

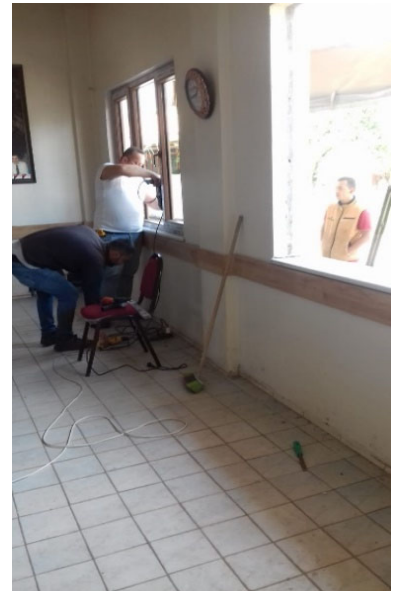




Picture 50. SCHOOL UNIFORMS FOR KAVAKÇALI PRIMARY SCHOOL



Picture 51. KAVAKÇALI VILLAGE ANNOUNCEMENT SYSTEM, MUĞLA PROVINCE



Picture 52. RENOVATION SUPPORT IN VILLAGE BUILDINGS







Picture 53. SUPPORT FOR INFRASTRUCTURE WORKS





Picture 54. PHOTOS OF SUPPORT TO VILLAGE PRIMARY SCHOOLS



Picture 55. SEED MACHINE PURCHASED TO ATAKOY VILLAGE



Picture 56. CLOTHING AID FOR CHILDREN IN VILLAGES



**Describe any new initiatives or additional managerial initiatives implemented during the reporting period on Environmental and Social issues (e.g., energy / water savings, sustainability report, waste reduction, etc.)**

## NEW INITIATIVES/ADDITIONAL MANAGEMENT INITIATIVES ON E&S MATTERS

### E&S INITIATIVES

- Preparations for EN ISO 26000 Social Responsibility Management System certification at the end of 2021 within the scope of integrated management system have been completed, the management system has been established and put into practice. The certification process has been initiated, indicating that the process has been completed.
- As of October 2021, quality certification has been made for all HPP, SPP and WPP sites, including Akfen Renewable® Energy's head office. Akfen Renewable® Energy Inc. Within the scope of energy production and sales activities, has EN ISO 9001:2015, EN ISO 14001:2015, EN ISO 45001:2018 and EN ISO 50001:2018 certificates.
- Akfen Renewable® Energy, which is designed to measure the strong Environmental, Social and Governance (ESG) performance of companies within the scope of the green fund it has benefited from in WPP projects since 2018, was also ranked 1st in its sector in the evaluation process of Vigeo Eiris, in July 2021. In addition, it was ranked 46th among 4914 companies in the world with a score of 67 in the environmental, social and governance evaluation report prepared by Vigeo Eiris, an international independent rating agency.
- In addition, in its first sustainability rating achieved the highest grade A1 in the sustainability assessment of Vigeo Eiris. noted that it contributes to its objectives.
- Akfen Renewable® Energy became a member of the Business World and Sustainable Development Association and Yuvam World Association in order to increase its lobbying activities in line with its sustainability goals in 2021. With this initiative, became members of 9 associations and contributed to their management.



**Table 24. ASSOCIATIONS THAT AKFEN YENİLENEBİLİR® ENERGY IS A MEMBER**

<u>NGO/ASSOCIATION</u>	<u>ACTIVITY OF NGO/ ASSOCIATION</u>	<u>MEMBER COMPANY</u>	<u>REPRESENTATIVE</u>	<u>REPRESENTATIVE ON THE BOARD OF DIRECTORS OF THE ASSOCIATION</u>
<b>SOLARBABA<sup>14</sup></b>	Since 1996, it has been working to promote clean energy sources in Turkey, especially solar energy, and to prevent the climate crisis. It is supported by many global and local corporate companies.	Akfen Renewable® Energy	Kürşat Tezkan	Kürşat Tezkan
<b>GENSED<sup>15</sup> Turkish Solar Energy Industry Association</b>	Turkish Solar Energy Industry Association, GENSED was established in 2009 as the voice of all the stakeholders in Turkey within "electricity generation directly from solar energy, Photovoltaic Power Systems, FVGS" sector value chain. While supporting the development of national production, it contributes to the formation of policies and related laws and regulations in order to create a sustainable market in the sector. It is a member of the European Photovoltaic Association (Solar Power Europe, EPIA).	Yaysun Elektrik Üret. San. Ve Tic. A.Ş.	Mustafa Kemal Güngör	-
<b>GÜYAD Güneş Enerjisi Yatırımcıları Derneği<sup>16</sup></b>	Energy Investors Association (GÜYAD) was founded in 2016 by the solar energy investors to raise awareness about solar energy, actively take part in the functioning of the investments by establishing mechanisms to support investments through effective cooperation of private sector investors, create an investment environment with high added value	Akfen Elektrik Enerjisi Toptan Satış A.Ş.	Kürşat Tezkan	Kürşat Tezkan
<b>TUREB Turkish Wind Energy Association<sup>17</sup></b>	Turkish Wind Energy Association (TWEA) which was established by the Council of Ministers on 10 February 1992 and with 92/2752 number, is a technical non-profit association which follows scientific and technical researches related to wind Energy, aims at extensive use of this energy, collects and complies technological information in line with this aim and performing widespread activities such as seminars, conferences, and making publications for utilization of such information.  TWEA works coordinated efforts towards gaining extensive use of Wind Energy Potential in Turkey to the country's economy Ministry of Energy and Natural Resources (MENR), Turkish Electricity Transmission Company (TEİAŞ) and Energy Market Regulatory Authority (EMRA).  TWEA, member of Wind Europe and Global Wind Energy Council, is the most powerful non-governmental organization in Turkey.	Akfen Renewable® Energy	Kayrıl Karabeyoğlu	Kayrıl Karabeyoğlu
<b>YASED<sup>18</sup> International Investors Association</b>	YASED International Investors Association was established in 1980 as the only non-governmental organization (NGO) representing the international companies operating in Turkey. YASED Vision is to become a leading NGO supporting sustainable growth and development of Turkey with international direct investments creating added value. YASED has a very important representation power especially vis-a-vis the government and all public authorities as it represents approximately 85% of all the total International Direct Investments (FDI) that has come to Turkey since 2000's. YASED member companies operate in 30 countries and over 15 sectors.	Akfen Renewable® Energy	Mustafa Kemal Güngör	-
<b>DEİK<sup>19</sup></b>	Upon its establishment in 1985, the Foreign Economic Relations Board of Türkiye (DEİK) was assigned with the following tasks: to organize and manage the foreign	Akfen Renewable® Energy	Kayrıl Karabeyoğlu	Kayrıl Karabeyoğlu

<sup>14</sup> <https://www.solarbaba.com/>

<sup>15</sup> <https://www.gensed.org/>

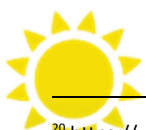
<sup>16</sup> <http://www.guyad.org/>

<sup>17</sup> <https://www.tureb.com.tr/>

<sup>18</sup> <https://www.yased.org.tr/>

<sup>19</sup> <https://www.deik.org.tr/>

NGO/ASSOCIATION	ACTIVITY OF NGO/ ASSOCIATION	MEMBER COMPANY	REPRESENTATIVE	REPRESENTATIVE ON THE BOARD OF DIRECTORS OF THE ASSOCIATION
Foreign Economic Relations Board of Türkiye	<p>economic relations of the Turkish private sector, in particular with respect to foreign trade, international investments, services, contracting and logistics; to analyze investment opportunities at home and abroad; to help boost the country's exports, and to coordinate similar business development activities.</p> <p>In 2014, DEİK was restructured, and with law No: 6552 of 11 September 2014 assigned the task of "conducting the foreign economic relations of the Turkish private sector", to become "business diplomacy" organization comprising Business Councils, Founding Institutions and individual members that represent Türkiye's business community and its leading entrepreneurs, contributing to the functioning of the institution on a 'voluntary basis'.</p>			(Energy Working Group)
GÜNDER <sup>20</sup> International Solar Energy Society – Turkey Section Association	<p>Established in 1991, the International Solar Energy Society – Turkey Section Association (GÜNDER) is the Turkey Section of the International Solar Energy Society (ISES). GÜNDER; works towards the production and dissemination of solar energy systems in Turkey and creates value by participating in national and international projects. GÜNDER continues its activities in line with the aims of developing science and technology in the application of solar energy, encouraging basic and applied research and development in solar energy, popularizing the use of solar energy, and encouraging education in the fields related to solar energy.</p>	Akfen Renewable® Energy	Mustafa Kemal Güngör	-
Kalkınma Derneği <sup>21</sup> Sustainable Development Association	<p>The association was established, in the field of civil society at the national and international level, with the aim of protecting the environment &amp; quality of life &amp; sustainable development &amp; lifelong learning &amp; social inclusion, respecting for the rights of humans &amp; all living creatures &amp; conscientious consumption of resources, increasing the level of economic growth and prosperity, from the perspective of reducing the problems and needs coming from the past and delivering them to the next generation by adopting trust, instead of inheritance.</p> <p>In order to enable and realize the activities, the association is in accordance with its purpose, education, health, population program, water supply and sanitation, anti-conflict and peaceful policy, transportation and storage, communication, environment, energy, finance, business, agriculture, food, agriculture, forestry and can work in the following subjects and methods (forms) with the aim of sustainable development in sectors such as fisheries, mining, industry, commerce, construction, tourism, rural and regional development.</p>	Akfen Renewable® Energy	Burak Solmaz	
Yuvam Dünya Derneği <sup>22</sup>	It aims to initiate transformation in all segments of society to combat the climate crisis.	Akfen Renewable® Energy	Burak Solmaz	



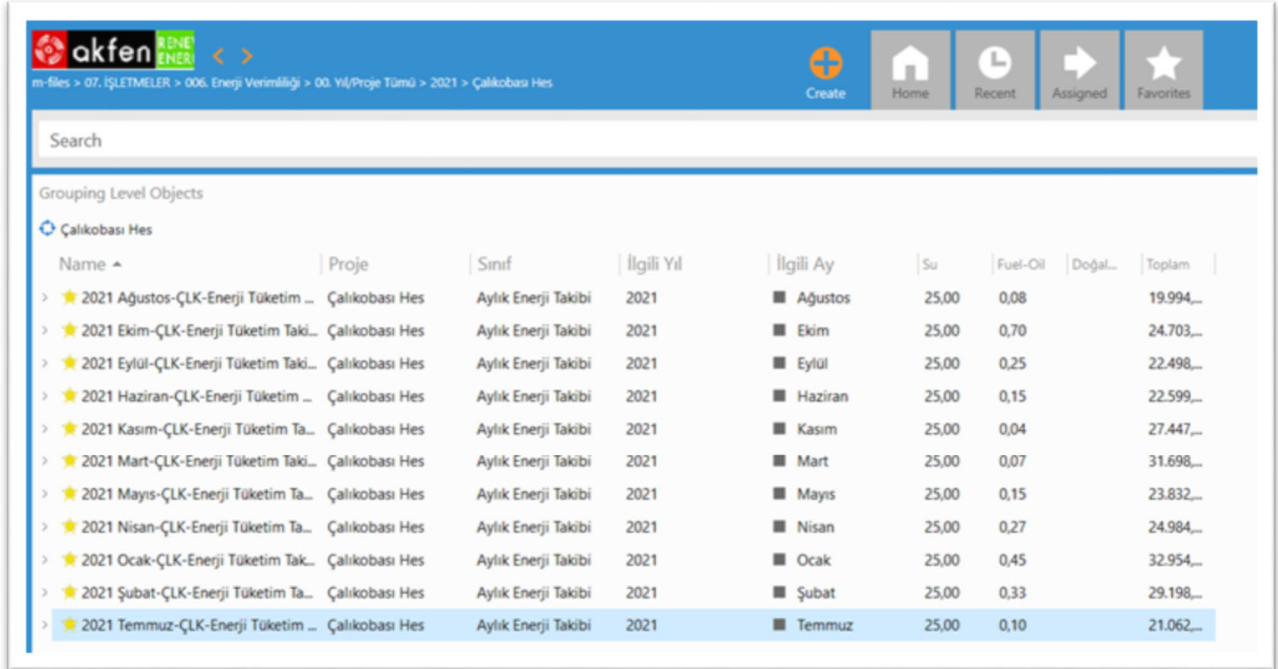
<sup>20</sup> <https://www.gunder.org.tr/>

<sup>21</sup> <http://www.surdurulebilir.org/>

<sup>22</sup> <https://yuvamdunya.org/>



- Two methods are used for instant monitoring and control of data on energy and global resource consumption from the center. Consumption data recording modules were created under M-Files software for HPP facilities and their effectiveness was ensured. For SPP and WPP operations, the data of each facility is uploaded to the Google Drive created specifically for the facility, and it is followed and directed by Enva Mühendislik, the 2nd party surveillance company.



Name	Proje	Sınıf	İlgili Yıl	İlgili Ay	Su	Fuel-Oil	Doğal...	Toplam
2021 Ağustos-ÇLK-Enerji Tüketim ...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Ağustos	25,00	0,08		19.994,...
2021 Ekim-ÇLK-Enerji Tüketim Taki...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Ekim	25,00	0,70		24.703,...
2021 Eylül-ÇLK-Enerji Tüketim Taki...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Eylül	25,00	0,25		22.498,...
2021 Haziran-ÇLK-Enerji Tüketim ...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Haziran	25,00	0,15		22.599,...
2021 Kasım-ÇLK-Enerji Tüketim Ta...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Kasım	25,00	0,04		27.447,...
2021 Mart-ÇLK-Enerji Tüketim Taki...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Mart	25,00	0,07		31.698,...
2021 Mayıs-ÇLK-Enerji Tüketim Ta...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Mayıs	25,00	0,15		23.832,...
2021 Nisan-ÇLK-Enerji Tüketim Ta...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Nisan	25,00	0,27		24.984,...
2021 Ocak-ÇLK-Enerji Tüketim Tak...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Ocak	25,00	0,45		32.954,...
2021 Şubat-ÇLK-Enerji Tüketim Ta...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Şubat	25,00	0,33		29.198,...
2021 Temmuz-ÇLK-Enerji Tüketim ...	Çalıkobası Hes	Aylık Enerji Takibi	2021	Temmuz	25,00	0,10		21.062,...

Figure 12. CONSUMPTION DATA RECORDING SYSTEM SAMPLE IMAGE-M Files

## E&S IMPLEMENTATIONS

### Response to Environmental Emergencies

Environmental Emergency Situations Response trainings were provided in all our power plants, and then spill drills were carried out. In this context, it has been verified that sufficient number and appropriate type of spill kits are available at all sites.

All hazardous waste storage areas are insured against possible leaks and spills. Detailed information about the prepared and revised documents, the content of the training program and the exercises are given in this report under the title of "Spill Response Preparations".

### Waste Reduction

The records of temporary waste storage areas and waste deliveries were checked with regular audits. Detailed information on this process is provided under the title of "Temporary Waste Storage" in this report.

Waste storage and delivery data are routinely recorded in the online system of the Ministry of Environment and Urbanization (MOTAT).



## Zero Waste

Another title added to the training content on E&S issues is information and practices on the Zero Waste management system, which includes all facilities as of 2021.



Figure 13. 2021 ZERO WASTE TARGETS TRAINING

## Biodiversity

Biological diversity training was provided to all employees, including subcontractor employees.

Within the scope of these trainings, the importance of biological diversity and the system created for the purpose of recording the species were explained and all employees were asked to support this system: to picture the animals, including injured and dead fauna species they saw and to record them with location information. Prepared and revised documents, recording platform and feedbacks are provided under the title of "Biological Diversity" in this report.

The control and monitoring of biodiversity has been digitized. In this way, it was ensured that the recordings were made over the application with mobile phones or computers, the experts were automatically informed and the evaluation was carried out. Detailed information on the practice created is provided under the title of "Biological Diversity" in this report.

## Struggling Against Covid-19

"Instructions for Fight against Covid-19" has been prepared and put into operation in all fields. In this context, the security measures taken were checked, exercises were carried out, and Covid-19 controls (body temperature measurement, vaccine code control, etc.) are carried out at the facility entrances.

In addition to this, the implementation of job guarantees and flexible working hours during the pandemic process in 2021; monitoring the ministry's Covid-19 Information Platform and supporting vaccination campaigns, etc. applications have been made.

## Climate Change

With the effect of climate change, extreme weather events, precipitation anomalies and temperature anomalies are seen globally. However, floods, large unpredictable fires, drought, heat wave spread and floods are expected. Akfen Renewable® Energy, which produces energy based on natural resources, intends to plan its investments by taking into account different global models and climate projections and climate change models for Turkey. In this context, globally accepted climate projections data are evaluated in forward-looking plans, and sectoral impact and adaptation studies are carried out against climate change.

The evaluations within the scope of RCP4.5 and RCP8.5 scenarios presented on the page of the General Directorate of Meteorology are as follows.

- According to the RCP4.5 scenario, annual average temperatures in Turkey are expected to increase by 1.5 – 2.6 °C on average in the 2016-2099 period. It is predicted to increase by the average temperature anomaly was between -0.9 and 4.1°C in the first half of the century and the annual average temperatures increased by 1.4°C on average, in the second half of the century an increase between 0.6 and 4.1°C and an average of 2.2°C.
- According to the RCP8.5 scenario, annual average temperatures in Turkey are expected to increase by 2.5 – 3.7 °C on average in the period of 2016-2099. It is predicted to increase by the average temperature anomaly was between -0.4 and 3.8°C in the first half of the century and the annual average temperatures increased by 1.7°C on average, in the second half of the century an increase between 1.4 and 6.6°C and an average of 3.8°C.

Within the scope of the 21st Conference of the Paris Agreement (which is defined as the long-term goal of keeping the global average temperature increase below 2°C compared to the pre-industrial period and keeping this increase below 1.5°C), which was announced in the Official Gazette on 07.10.2021, 2030 targets have been determined. The main objectives are to increase adaptability and climate resilience to the adverse effects of climate change; ensuring development with low greenhouse gas emissions and ensuring that food production is not harmed while they are being realized.

In the Paris Agreement, it is envisaged that countries will submit their "National Declarations of Contribution" every 5 years, which include their activities to fulfill the main objective of the Agreement on mitigation, adaptation, finance, technology transfer and capacity building, which they will carry out in accordance with the principle of common but differentiated responsibilities and relative capabilities. Turkey submitted its Statement of Intended National Contribution to the Convention Secretariat on 30 September 2015. According to Turkey's national contribution statement, it is foreseen that greenhouse gas emissions will be reduced by 21% in 2030 compared to the reference scenario (BAU).

Works that can be carried out within Akfen Renewable® Energy, which focuses on investments in Hydroelectric, Wind and Solar energy in line with the Plan Policies of Turkey to be carried out with the Intended National Contribution for 5 years, include the relevant articles.

### Energy

- Implementation of the Domestic Resources Based Energy Production Program Action Plan
- Solar power generation to reach 10 GW capacity in 2030
- Electricity generation from wind energy to reach a capacity of 16.5 GW in 2030
- Utilizing all possible hydraulic capacity





## Industry

- Reducing energy intensity with the implementation of the Energy Efficiency Strategy Document and Action Plan
- Implementation of energy efficiency practices in industrial facilities and financial support for Efficiency Increasing Projects
- Carrying out studies to increase the use of wastes as alternative fuels in appropriate sectors.

## Waste

- Sending solid wastes to landfills
- Wastes; reuse, recycling and other processes to obtain secondary raw materials, to be used as an energy source or to be disposed of,
- Establishment of pre-treatment facilities in order to reduce the amount of biodegradable waste to be stored in 2025 to 35%,

Akfen Renewable® Energy operations and investments are also progressing in parallel with the target of reaching the 21% reduction contribution rate mentioned in this policy.

Following the approval of the Paris Agreement, the first step taken to struggling climate change within the framework of Turkey's "2053 vision" is to change the name of the Ministry of Environment and Urbanization to the Ministry of Environment, Urbanization and Climate Change on October 11, 2021. In this context, the Climate Change and Adaptation Coordination Board and the Climate Change Presidency were established, and the General Directorate of Meteorology, which is affiliated to the Ministry of Agriculture and Forestry, and the General Directorate of Combating Desertification and Erosion were subordinated to the Ministry of Environment, Urbanization and Climate Change. Under the leadership of the Climate Change and Adaptation Coordination Board, the ministry announced the net zero emission target for 2053 with all sector representatives and non-governmental organizations. Akfen Renewable® Energy adopts these goals and contributes as one of the leading energy companies in the sector.

The training contents on E&S issues were updated in order to raise awareness on climate change by following the agendas of floods, droughts and major forest fires that occur in our country and in the world due to extreme weather events. The contents of these trainings include the Paris Climate Agreement, which the Republic of Turkey officially signed on 07.10.2021, and the company policy adopted in this context.



## Greenhouse Effect

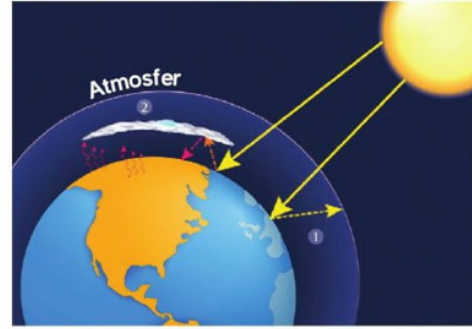
The greenhouse effect is one of the most important natural factors for the climate system.

**GREENHOUSE EFFECT IS A NATURAL EVENT.**

The rays from the Sun pass through the Earth's atmosphere and reach the surface of the earth.

These sun rays reaching the Earth's surface are absorbed and reflected at different rates according to the characteristics of the geographical texture of the Earth.

These reflected rays are absorbed by the gases in the atmosphere, especially CO<sub>2</sub>, methane and water vapor, eventually warming the World.



Solar radiation trapped in the atmosphere through greenhouse gases

## GLOBAL WARMING

As a result of the activities of people, the gases that create the Greenhouse Gas effect have accumulated in the atmosphere. The greenhouse effect of these gases has also increased due to the fact that it reaches higher amounts than it should be in the atmosphere.

With the increase in the greenhouse effect, average temperatures have also increased, which result in global warming.



The increase in average temperatures of the Earth's crust and the sea as a result of absorption of Greenhouse gases such as CO<sub>2</sub> and methane emerging from human activities is called **global warming**.



## Greenhouse Gases Leading to Global Warming



### Carbon dioxide (CO<sub>2</sub>):

- More than 75% of human-induced CO<sub>2</sub> emissions are caused by the use of fossil fuels (oil and its derivatives, coal and natural gas). The remaining amount is resulted from land use changes, especially involving the destruction of forests.



### Methane (CH<sub>4</sub>):

- It occurs as a result of decomposition of organic residues in an oxygen-free environment.



### Nitrogen Oxides (NO<sub>x</sub>):

- exhaust gases, fossil fuels, organic matter
- Its share in global warming is 5%.



### Chlorofluorocarbon Gases (CFC-H):

- Spray gases, gases used in refrigerants, computer cleaners



United Nations Framework Convention on Climate Change (UNFCCC)



Intergovernmental Panel on Climate Change



The "Law on the Ratification of the Paris Agreement" by the Turkish Grand National Assembly was published in the Official Gazette dated October 7, 2021 and numbered 31621.





The long-term goal of the agreement is to keep the global average temperature increase below 2°C compared to the pre-industrial period; in addition, it refers to the persistence of global efforts to keep this increase below 1.5°C.

#### OBJECTIVES

- Increasing adaptation ability and climate resilience to the negative effects of climate change;
- ensuring low levels of greenhouse gas emission development ;
- and when carrying out these, food production is not damaged
- stabilizing the flow of finance in the low emission and climate-resilient development



#### RESULTS OF CLIMATE CHANGE

- Extreme weather events: flood, fire, flooding, heat waves
- Increasing sea and surface water levels
- Desertification
- Food shortage
- Water scarcity
- Decreasing of agricultural lands
- Deforestation
- Risks of residential area damage
- Risks of industrial area damage
- Decrease in tourism revenues
- Excessive rainfall:
  - failure of sewage systems to hold overload in cities, waste and contaminated water overflowing throughout the city, infections and epidemics
  - erosion and loss of agricultural space in the countryside



Figure 14. 2021 CLIMATE CHANGE TRAINING



## E&S AUDITS

Within the framework of ESAP terms, 2nd party field and 3rd party remote<sup>23</sup> audits were carried out and reported. Enva Mühendislik prepared the 2nd party audit reports. These field observation reports are provided in Annex-03.

3rd party audits have been successfully completed by Garanti Bank within the scope of SAR-DEM WPP projects, and by Golder Associates within the scope of Kocalar, Üçpınar, Hasanoba, Denizli WPP projects.

## SUSTAINABILITY

Akfen Renewable® Energy has been evaluated by Vigeo Eiris in July 2021 within the scope of the green fund it has benefited from in WPP projects. Vigeo Eiris established under the umbrella of international rating agency Moody's to interest asset managers and investors, conducted an assessment designed to measure the Environmental, Social and Governance (ESG) performance of companies.

In the environmental, social and governance evaluation report prepared by Vigeo Eiris in July 2021, it was ranked 46th among 4914 companies in the world with a score of 67.

In addition, it was evaluated in the sustainability rating for the first time in 2021 and achieved the highest grade A1 in the sustainability assessment of Vigeo Eiris. In the prepared report, it was pointed out that the entire company's energy production from renewable resources contributes to the United Nations' sustainable development goals on affordable and clean energy, sustainable consumption and production, and climate action.

**Describe the number and type of comments and / or complaints the company has received on E&S Issues? How many of these have been resolved and how many are pending? (Please attach a table containing the grievance resolution record**

## GRIEVANCE MECHANISM

Power Plant Communication Instruction was developed in order to strengthen communication. In this context, a system has been established where all employees and stakeholders can convey their suggestions and complaints via their mobile phones, and its effectiveness has been ensured. SA 8000 criteria were taken into consideration during the creation of the said instruction. The sample Power Plant Communication Instruction revised in 2021 is included in **Annex-04**.

Within the scope of the Power Plant Communication Instruction, suggestions and complaints of employees and stakeholders are provided through the following ways.

- All sites and nearby settlements; suggestion & complaint boxes have been established. The rules regarding the installation of the said boxes are listed below.

### SUGGESTION & COMPLAINT BOXES;

I. It is prepared with lockable feature.

II. It is installed in such a way that it does not show the inside.

III. It is fixed in places where there is no foothold. In this way, it is aimed that the personnel who will keep the printed grievance record stay away from the pressure of other employees and/or managers.

<sup>23</sup> Due to Covid-19, 3<sup>rd</sup> party audits were conducted without site visits.

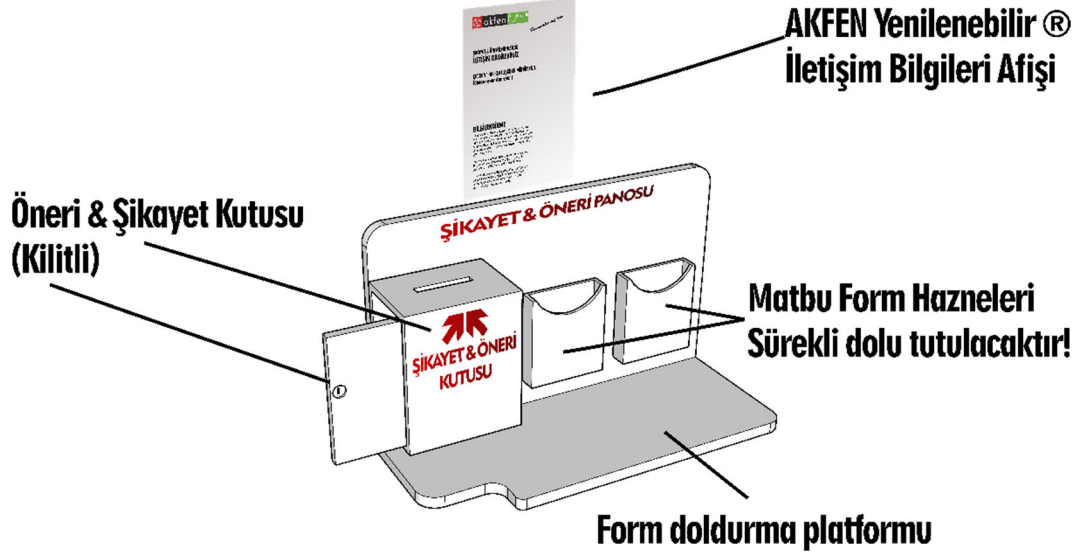


Figure 15. SUGGESTION & COMPLAINT BOX DESIGN

IV. It is ensured that printed grievance forms are always kept near the abovementioned boxes.



**akfen** YENİLENEBİLİR ENERJİ **ÖNERİ & ŞİKAYET FORMU**  
YT: 15.06.2010 | R.N: 00 | SRT: 18.12.2019  
P03-F04

Bu form marifeti ile; faaliyetlerimiz, çevresel etkileşim, sosyal konular, çalışan hakları, verimlilik, 3. taraf kişi/kurum talepleri, öneriler ve şikayetler vb. her türlü konuda geri besleme sağlayabilirsiniz. Bu suretle ilgili yöneticilerin taleplerinizden haberdar olması sağlanabilecektir.

İSİM SOY İSİM \_\_\_\_\_  
SANTRAL \_\_\_\_\_  
KAYIT TARİHİ \_\_\_\_\_ TARAF: \_\_\_\_\_  
BİLDİRİM KONUSU \_\_\_\_\_

TALEP ÖNERİ

MAIL ADRES \_\_\_\_\_  
TELEFON NO \_\_\_\_\_

**KİŞİSEL VERİLERİN KULLANILMASINA İLİŞKİN BİLGİLENDİRME**  
Matbu ya da dijital ortamda hazırladığımız bu form içinde tarafımıza ilettiğiniz kişisel verileriniz; 6698 sayılı Kişisel Verilerin Korunması Hakkında Kanun çerçevesinde değerlendirilmektedir. Bu kapsamda; iş bu matbu formu imzalamak ya da dijital formda gönder butonuna basarak sureti ile; söz konusu kişisel verilerinizin, talep ve önerilerinizi araştırmak, değerlendirmek ve sizleri bilgilendirmek amacıyla ile ilgili birim/kişiler ile paylaşılmasına ve muhafaza edilmesine onay vermektediriniz!

İMZA \_\_\_\_\_

Figure 16. PRINTED VERSION OF SUGGESTION & COMPLAINT FORM

Printed forms inside the power plant buildings are controlled regularly by OHS Experts, 2nd Party monitoring company Enva Mühendislik experts, and by the Operation Managers or Operations Officers of the suggestion complaint boxes installed in the settlements, and, if available, the prepared forms are added to the suggestion, complaint, request evaluation record system.

The said information and documents are examined by the 2nd Party monitoring company Enva Mühendislik and reported to the head office authorities.



Figure 17. SUGGESTION & COMPLAINT BOX VISUAL-EXAMPLE OF ÜÇPINAR WPP PROJECT

In addition, it is possible for all employees and local individuals to verbally convey their requests, suggestions, and complaints via the Akfen Renewable® Energy corporate website, by reaching the mobile phone of the public relations manager, which is provided on the communication posters hung in the mukhtar's buildings in all facilities and areas of influence.





Figure 18. COMMUNICATION POSTERS FOR LOCAL PEOPLE AND EMPLOYEES

In 2021, the grievance follow-up chart has been revised: including the date the related issue was raised, the related party, the form of grievance submission, the details of the issue, the relevant unit, the actions taken, the current situation and the end/closure date of the issue; All steps from the emergence of a grievance to its closure are recorded in a transparent manner.





The suggestions, requests and complaints taken in 2021 and the decisions/actions taken after the evaluation are listed below.

**Table 25. HPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM**

DATE	FACILITY NAME	RELATED PARTY		REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	
05.01.2021	DORUK HPP	Kiziltas Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food aid to the needy	Food aid was provided to the needy	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
12.01.2021	DORUK HPP	Tepeköy Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Diesel aid for road cleaning works	120 lt diesel fuel was provided.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
21.01.2021	DORUK HPP	Kiziltas Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure works	10 pieces of 500 gauge corrugated pipes and 10 40 gauge pipes of 2000 meters were purchased.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
10.02.2021	DORUK HPP	Tepeköy Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure works	Purchase of 10 pieces of 100 corrugated pipes	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
10.03.2021	DOĞANÇAY HPP	Kizilkaya Sports Club	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support	Support for Kizilkaya Sports Club	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
11.03.2021	SIRMA EPP	Amasya District Primary School	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	The request to buy a mask to the Amasya District Primary School	Mask aid was provided to Amasya District Primary School.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
16.03.2021	DORUK EPP	Tepeköy Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Rental support	Tepeköy Village Development and Solidarity Association rent assistance was provided.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
17.03.2021	DORUK HPP	Kiziltas Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure works	Construction equipment purchase and village participation share assistance was provided.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
01.04.2021	ÇİÇEKLİ HPP	Mukhtar	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	food aid to the needy	Food aid was provided to the local people who had financial difficulties due to the pandemic.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
04.04.2021	KAVAKÇALI HPP	Kavakçalı Primary School	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	School uniform	School uniforms were made for primary school students in Kavakçalı primary school.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
06.04.2021	DORUK HPP	Giresun Governorate	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support to Giresunspor Club	6 tickets were purchased for the raffle to help Giresunspor Club.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>
17.04.2021	DORUK HPP	Kiziltas, Aksu, Tepeköy, Tandır	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Providing food aid to local people who have financial	35 Ramadan parcel aids were received.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>

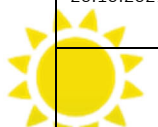
DATE	FACILITY NAME	RELATED PARTY		REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION		
		Villages	Mukhtarships			difficulties due to the pandemic			
21.04.2021	ÇALIKOBASI HPP	Tandır Village	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Providing food aid to local people who have financial difficulties due to the pandemic	Food aid was given to those in need in Tandır village during Ramadan	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
21.04.2021	SARAÇBENDİ HPP	Yeniçubuk Municipality		INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Providing food aid to local people who have financial difficulties due to the pandemic	Food aid was provided to those in need in Gemerek	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
27.04.2021	DEMİRCİLER HPP	Demirciler Village	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Providing food aid to local people who have financial difficulties due to the pandemic	Aid packages were distributed to Demirciler Mahallesi during the pandemic period.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
28.04.2021	YAĞMUR HPP	Gundogan Village	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Providing food aid to local people who have financial difficulties due to the pandemic	Ramadan food aid was given to Gündoğan District	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
05.05.2021	DORUK HPP	Kızıltas Village	Quran Course	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food Aid	Food aid was provided to Kızıltas Village Quran Course.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
12.05.2021	DOĞANÇAY HPP	Bogazkoy	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	School trip	SUPPORT FOR SCHOOL TRIP	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
20.05.2021	ÇALIKOBASI HPP	Tandır Village	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure	Construction equipment rental paid for Tandır village road repair	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
07.06.2021	ÇALIKOBASI HPP	Tandır Village	Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure works	A water pipe was purchased for the renovation of the drinking water system of Tandır village.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
16.06.2021	SARAÇBENDİ HPP	Gemerek district	gendarmerie command	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Equipment support	Equipment support was provided to the Gemerek district gendarmerie command.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
17.06.2021	SARAÇBENDİ HPP	Gemerek District	Governorate	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	A donation was made to the "Limited Responsibility Gemerek Women's Initiative Production and Business Cooperative"	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
20.06.2021	KAVAKÇALI HPP	Kavakçalı village	mukhtar request	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Making an announcement system in the village	An announcement system was built in the village.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
23.06.2021	ÇAMLICA III HPP	Yahyalıspor	football club	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Material aid to Yahyalıspor football club	Sportswear was bought for Yahyalıspor	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
04.07.2021	ÇİÇEKLİ HPP	MUROFF	Association	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for Off Road Games	OffRoad Games SUPPORT to MUROFF Association	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>

DATE	FACILITY NAME	RELATED PARTY	REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION		
07.07.2021	DOĞANÇAY HPP	Nuriosmaniye District Mukhtar	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	support to Nuriosmaniye Neighborhood	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
12.07.2021	ÇAMLICA III HPP	Balçıcakırı mosque	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Carpet donation for Balçıcakırı mosque	Carpet donation for Balçıcakırı Mosque	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
18.07.2021	SARAÇBENDİ HPP	Yeniçubuk Municipality	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	Sacrifice meat was distributed as food aid to the needy in Gemerek.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
26.07.2021	ÇAMLICA III HPP	Delialıuşağı Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	food aid to the needy	Sacrifice meat was distributed as food aid to the needy around the power plant.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
26.07.2021	DEMİRCİLER HPP	Kale Social Assistance And Solidarity Foundation	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for the cycling campaign	Assistance was provided to the bicycle campaign to be distributed to 100 successful students in the Kale district.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
03.08.2021	YAĞMUR HPP	Coruh Electricity Distribution	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Buying a monitor	1 LG brand Monitor purchased	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
22.08.2021	DOĞANÇAY HPP	KIZILKAYA Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Camera system setup	Kizilkaya Municipality camera system installation	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
26.08.2021	YAĞMUR HPP	Köprübaşı District Police Department	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Refrigerator need	Infrastructure was supported for Köprübaşı District Police Department	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
27.08.2021	ÇALIKOBASI HPP	Tandır Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Support for infrastructure works	Concrete was purchased for the Tandır village road protection wall	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
01.09.2021	SEKİYAKA HPP	Seydikemer Municipality	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	Aid made to be used in Söğütlüdere Village.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
06.09.2021	ÇAMLICA III HPP	Çavdaruşağı Primary School	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	renovation assistance	support for the renovation of the primary school in Çavdaruşağı.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
18.09.2021	DOĞANÇAY HPP	Dogancay Village Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	Assistance to Doğançay Neighborhood Mukhtar	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
29.09.2021	DOĞANÇAY HPP	Dogancay Neighborhood Mosque	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Fuel purchase	COAL PURCHASE FOR DOĞANÇAY NEIGHBORHOOD MOSQUE	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
14.10.2021	DORUK HPP	Dereli District Gendarme Command	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Security camera purchase	Security camera was taken to Dereli District Gendarme Command.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
22.10.2021	GELİNKAYA HPP	Gelinkaya Mukhtarship	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	medical supplies support	Disinfectant and Mask Aid was given to Gelinkaya Village	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>
08.11.2021	DOĞANÇAY HPP	Geyve District Gendarmerie	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support	Cash aid was given to GEYVE DISTRICT GENERAL MANAGER	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/>

**Table 26. SPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM**

DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
21.03.2021	VAN SPP	ERCAN ECE	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	It is the common opinion of the security personnel that due to the internationally widespread Covid-19 disease, the stock of thermometers, cleaning materials and disinfectant products is very important for our work and health.	The application is meticulously managed.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
11.05.2021	FIRINCI SPP	Headman: HÜSEYİN FIRINCI	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food aid was requested for the local people who are having financial difficulties due to the pandemic.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
01.08.2021	OMİCRO N SPP	NADİR İMRE	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	During the summer months, especially in August, which is dry, I request that the external operation roads be irrigated once a month, due to the heavy dusting of the external operation roads while driving.	It is not possible to irrigate and asphalt all village roads.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
01.09.2021	FIRINCI SPP	STUDENT REQUESTS	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	We demand from the local community to provide students with the opportunity to do internships in the field.	Local students were given the opportunity to do internships in the field: 1 female student studying at the Department of Energy Systems Engineering was recruited as an intern.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
05.10.2021	ME-SE SPP	AHMET DİKMEN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I am working as a business manager in the Me-Se SPP field. Since the phone reception in our region is very low, it does not receive it in the field. In order to contact the office, I have to come and go from the field to the office. I request the supply of a cordless phone so that the work can progress more smoothly and quickly and to be able to communicate with the office from the field.	The operator company was informed about the initiation of the Radio Purchase process. (Elin A.Ş)	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	

DATE	FACILITY NAME	RELATED PARTY		REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
11.10.2021	ME-SE SPP	MURAT ARMAĞAN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I work as security at the Me-Se SPP site. Since the road we used to go to and from the power plant is extremely bad and dusty, our vehicles frequently break down. My suggestion on the subject is to contact the municipality and ask for help in asphaltting the road.	As asphalt construction is under the responsibility of the metropolitan municipality / PROVINCIAL ADMINISTRATION, it has not been found applicable. Creating an instruction regarding the use of the road and notifying it to the operating personnel.	CLOSED <input type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.11.2021	YAYSUN-MT DOĞAL SPP	SEZER YILDIZ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I work as a private security guard. We cannot see the camera screens because the afternoon sun hits the table in our office. I highly recommend putting up curtains on the windows.	Curtains will be purchased. The purchasing process has been started.	CLOSED <input type="checkbox"/> ONGOING <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
15.11.2021	ME-SE SPP	MURAT ARMAĞAN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I work as security at the Me-Se SPP site. In winter, roads are closed due to snowfall on the way to and from work. sometimes the road stays CLOSED for 2-3 days. In order to reach the power plant, we have to walk 600 m between the village and the power plant. Even if the road is open, we cannot enter when there is heavy snow from the power plant entrance to the parking lot. I request that work be done to open the roads in the winter months.	As of December 2021, it has been determined that there is no snowfall yet. It was planned to stock up on salt in order to carry out salting work with the snow season.	CLOSED <input type="checkbox"/> ONGOING <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
20.10.2021	FIRINCI SPP	HEADMAN: HÜSEYİN FIRINCI	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	The construction of a school coalbunker has been requested. Coal has been requested for use.	Coal was provided for the construction of coalbunker and use of school coals.	CLOSED <input type="checkbox"/> ONGOING <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
20.10.2021	FIRINCI SPP	HEADMAN: HÜSEYİN FIRINCI	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	It was requested to build a health center to meet the health needs of the people of the region.	Village headmen were directed to initiate the official permit process. The budget is on hold, as the official permit applications of the mukhtars have not	CLOSED <input type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

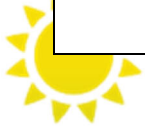


DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
							been completed yet. Following the completion of the permit processes, support will be provided from the CSR budget.		
21.10.2021	FIRINCI SPP	EKREM FIRINCI	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I am working as a security guard at Malatya IOTA SPP field. During the day, me and my friends need internet, there are always trainings by the top security and we have to use the internet a lot. In addition, whether inspectors or visitors come to our site, they also need internet and they have to use the Turkcell fiber box internet on our behalf because there is no Wifi in our office. If there is no problem, we request that this internet bill be covered by Akfen. we even demand the price of the internet bill we have paid for a year if it is deemed appropriate.	Internet quota and speed levels will be increased and will be made available to personnel. It is not possible to pay retroactive invoices.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
21.10.2021	MURAT MALKOÇ	FIRINCI SPP	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>		I am working as a business manager in the IOTAFIRINCI SPP field. There is a lack of lighting on the road that leads to the office section of our site. The field consists of two parts. I request that the road passing through the middle of the two partitions be illuminated. During the changing of the guard in the evening, the security guards have to walk on that road. It gets too dark due to insufficient lighting.	Relevant measurements will be made and then action will be taken if necessary.	CLOSED <input type="checkbox"/> ONGOING <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	
01.11.2021	VAN SPP	EMPLOYEE WITHOUT TITLE	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Bulk tea was used in the kitchen beforehand. tea bags are used now. Both demi and taste are not good. There is also the waste of tea bags. Bulk tea can be used within the scope of zero waste.	BULK TEA IS USED.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
	YAYSUN-MT NATURAL SPP	VILLAGE RESIDENTS	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	The residents of Zengen village requested assistance for their social facilities.	Financial support was provided for the construction of Social Facilities	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	

**Table 27. WPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM**

DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
3.04.2021	HASANO BA WPP	VILLAGE RESIDENTS	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	The villager, whose animal was lost, requested that the camera records of the facility be looked at in order to find his animal. The request was verbally communicated to the business manager.	The facility camera records were examined. verbal information was given to the village residents.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
15.04.2021	KOCALAR WPP	SOCIAL ASSISTANCE ASSOCIATION	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food aid has been requested to the local people who have financial difficulties due to the pandemic.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
18.04.2021	DENİZLİ WPP	DENİZLİ GOVERNORSHIP	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food aid has been requested to the local people who have financial difficulties due to the pandemic.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
18.04.2021	ÜÇPİNAR WPP	CANAKKALE GOVERNORSHIP	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Food aid has been requested to the local people who have financial difficulties due to the pandemic.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
21.04.2021	DENİZLİ WPP	ATAKOY MUNICIPAL HÜSEYİN DİBEK	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Ataköy Municipality requested a seed sieving machine.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
01.05.2021	KOCALAR WPP	MUNICIPAL	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support was requested by the headman within the scope of Erenköy Neighborhood infrastructure works.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	

DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
02.05.2021	ÜÇPİNAR WPP	ÜÇPİNAR MUNICIPAL	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	In order for the village people to easily reach the agricultural lands, it has been requested to make improvements in the transportation roads by providing the support of construction equipment.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
05.05.2021	DENİZLİ WPP	KARACASU GOVERNORSHIP	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support was requested for cultural and local festivals held in Karacasu district.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
12.05.2021	ÜÇPİNAR WPP	ÜÇPİNAR MUNICIPAL	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	A drinking water well and pump system were requested for the common use of the people of Üçpınar village.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
18.05.2021	DENİZLİ WPP	KARACASU GOVERNORSHIP	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Financial support was requested within the scope of District Governor's IT Technical infrastructures.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
12.06.2021	DENİZLİ WPP	YENİKÖY MUNICIPAL	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	In 2021, it was requested that aromatic plants be planted at certain points in order to pollinate bees in locations where beekeeping activities are located.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
19.06.2021	KOCALAR WPP	MUNICIPAL	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	It has been requested to renew the drinking water well and pump system for the common use of the village people.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	

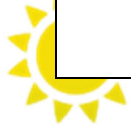




DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
23.06.2021	ÇANAKKALE WPP	CONTRACT OR EMPLOYEE (did not want to be named)	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	During the OHS field audits, the employees made verbal requests regarding the improvement of salaries.	Akfen's contract with its subcontractors is essential. Salary hikes and wage policy are at the disposal of the subcontractor and within the agreement of the subcontractor and its personnel before starting work, with the system of acceptance by both parties from the beginning.  When the progress payments are examined, it has been determined that there is no legal non-compliance such as non-payment of salaries or payment below the minimum wage. There is no sanction situation that Akfen will impose on its subcontractor if it fails to fulfill its responsibilities.  However, the expectations of the subcontractor personnel were conveyed to the senior management. The process is handled within the framework of goodwill.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
28.07.2021	ÇANKKALE WPP	CONTRACT OR EMPLOYEE	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Contractor employees requested a covered camellia to use on hot and rainy days.	Verbal notification was given to the employees. Covered camellias were built for use on hot and rainy days.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
01.08.2021	ÜÇPINAR WPP	VILLAGE RESIDENTS	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	A person from the village (who did not want to give his name) informed the business manager that he/she could not reach Mr. Burak's number because the request complaint poster in the village was old.	The requested complaint poster has been provided.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	
02.09.2021	DENİZLİ WPP	KARACASU GOVERNORSHIP	INTERIOR <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	VERBAL	Fire hoses were requested to be used in the Aydın Province region within the scope of forest fires.	As a result of the evaluation of the demand within the scope of CSR projects, it was met from the CSR budget of 2021 within the scope of supporting the development of the community.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	



DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
25.09.2021	DENİZLİ WPP	ERTAN ERCAN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Keeping salaries at TEİAŞ standards and constantly updating them on a certain multiplier with minimum wage hikes as there, transferring all salaries from gross to net, giving bonuses (full salary) at least twice a year, providing private health insurance to all employees, and making sure that every year the year of that year is paid. I recommend that its personnel be selected and rewarded by the parent company.	Akfen's contract with its subcontractors is essential. Salary hikes and wage policy are at the disposal of the subcontractor and within the agreement of the subcontractor and its personnel before starting work, with the system of acceptance by both parties from the beginning.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	ALİ ZELVİLİ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Evaluation of salaries by taking into account the country's power plant and work schedules.	When the progress payments are examined, it has been determined that there is no legal non-compliance such as non-payment of salaries or payment below the minimum wage. There is no sanction situation that Akfen will impose on its subcontractor if it fails to fulfill its responsibilities.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	GÜVEN AYTAZ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Salaries to be in TEİAŞ standards. transferring salaries from gross to net, giving us annual bonuses and extra bonuses on holidays and bank promotions.	However, the expectations of the subcontractor personnel were conveyed to the senior management. The process is handled within the framework of goodwill.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	TUGAY ÇEVİK	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	I demand that our salaries be regulated according to the working sector, like the salaries given to new teiaş personnel, and that a certain bonus be given per year. your attempt to give a salary promotion from the bank from which we receive a salary. I demand that bonuses be given in Ramadan and Sacrifice Feasts every year. I demand that our salaries be converted from gross to net.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	



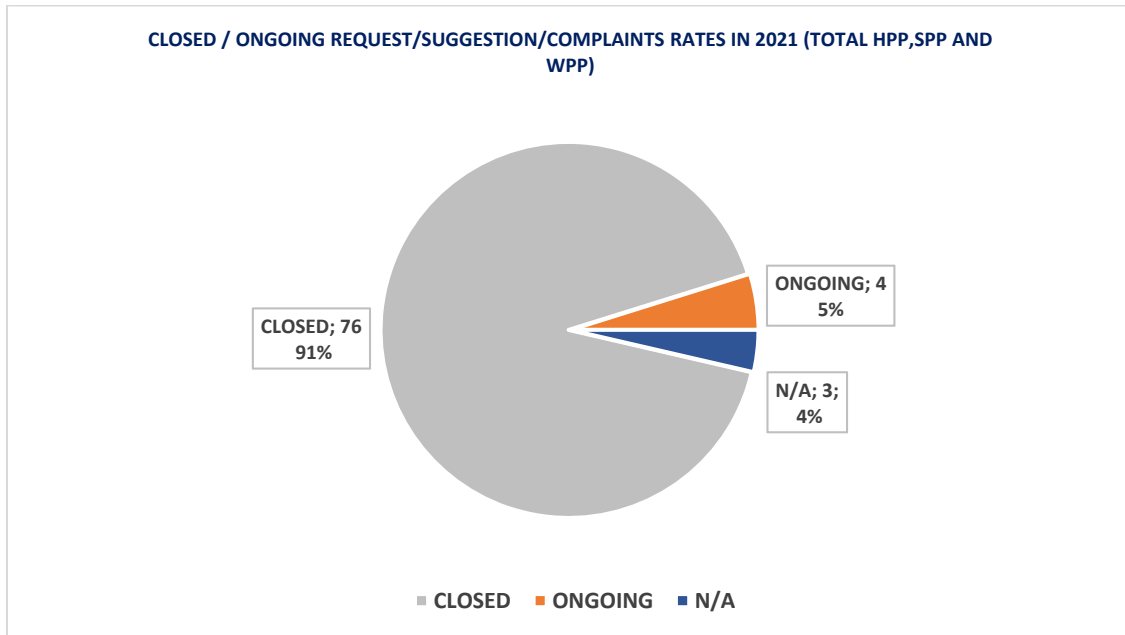
DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
27.09.2021	DENİZLİ WPP	FATİH APAYDIN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Taking into account the location of the power plant and the difficulty of the natural conditions, making the salaries better. and awarding bonuses at least twice a year. I highly recommend that monthly meal allowances be made even better considering today's inflation and that bonuses are provided to those who work on religious holidays.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	MÜDERRİS DAĞAŞAN	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	We have complaints about insufficient salaries, raises and insufficient salaries after the last raises. As it is known in our country, everything comes with a price increase. promotional coins bonuses etc. we don't get any. I request that they be taken by us. It is recommended that salaries be at the standards of teiaş.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	TARIK ZELVİLİ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Since it is difficult for everyone to work and make a living at the minimum living wage, which is one of the conditions of our country, progress in salaries and since it is above the gross, towards the end of the year, since everyone is in the tax bracket, it should be converted from gross to net, and a certain amount of bonus is given every year during Ramadan and Sacrifice Feasts, and the bank from which we get a salary should be paid at least two years. I suggest you give a promotion once.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	



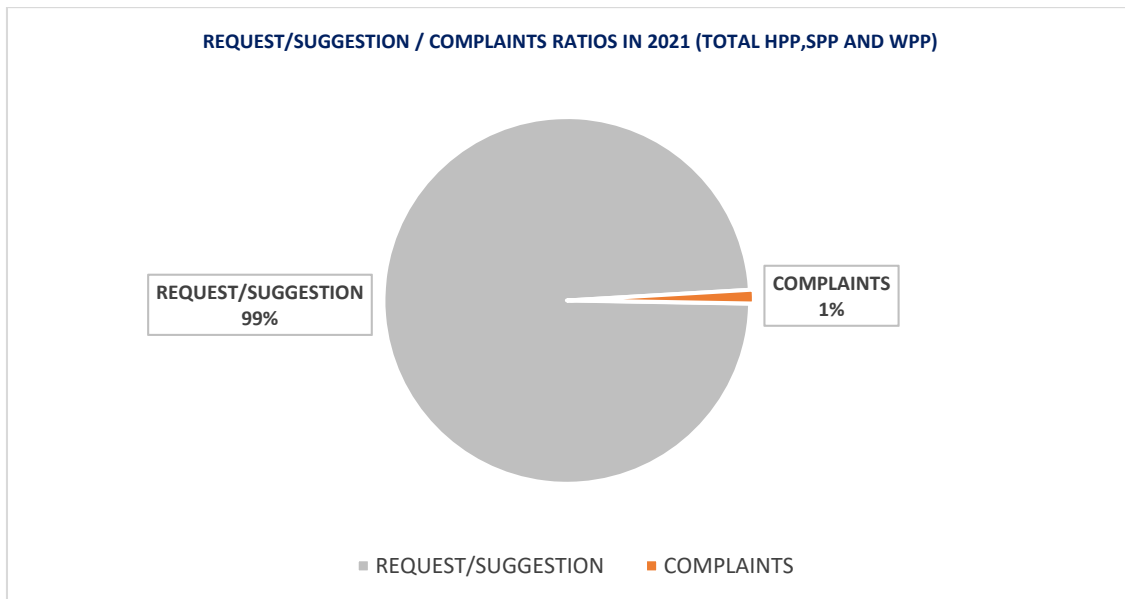
DATE	FACILITY NAME	RELATED PARTY			REQUEST, SUGGESTION, COMPLAINT FORM DELIVERING FORMAT	REQUEST, SUGGESTION, COMPLAINT SUBJECT	RESULT	SITUATION	EXPLANATION (IF ONGOING)
27.09.2021	DENİZLİ WPP	MEHMET EMİN UYSAL	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Making private health insurance of employees. Differences and raises in salaries according to working conditions. Giving bonuses to employees once a year. I recommend that every staff be given a holiday bonus during the holidays.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
25.09.2021	DENİZLİ WPP	SERDAR YILDIZ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Raising salaries according to working conditions. giving the promotions given by the banks to the employees, giving the annual bonus, switching the salaries from gross to net, motivating rewarding.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
27.09.2021	DENİZLİ WPP	MUSTAFA OLGAÇ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input checked="" type="checkbox"/> COMPLAINT <input type="checkbox"/>	WRITTEN	Increasing salaries. Giving bonuses on holidays. Organizing awards and similar activities to increase the performance of employees.		CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
21.10.2021	DENİZLİ WPP	SERDAR YILDIZ	INTERIOR <input checked="" type="checkbox"/> EXTERNAL <input type="checkbox"/>	REQUEST/SUGGESTION <input type="checkbox"/> COMPLAINT <input checked="" type="checkbox"/>	WRITTEN	I am working in Akçay Security Services unit. The fleece sweaters, which are given as work clothes, are very bad, the color and fluff are coming out. I request you, my esteemed administrators, to take the necessary action in this regard.	On 10.11.2021, additional clothing was provided to the Security personnel.	CLOSED <input checked="" type="checkbox"/> ONGOING <input type="checkbox"/> N/A <input type="checkbox"/>	



The statistical information regarding the suggestions and complaints received in 2021 is summarized below in graphic form.



Graphic 6. CLOSED / ONGOING REQUEST/SUGGESTION/COMPLAINTS RATES IN 2021 (TOTAL HPP,SPP AND WPP)



Graphic 7. REQUEST/SUGGESTION / COMPLAINTS RATIOS IN 2021 (TOTAL HPP,SPP AND WPP)





As of 2021, ongoing and newly opened lawsuits are summarized in the table and attached chart below.

Table 28. LIST OF CURRENT CASE

Plaintiff party	Court	File number	Subject	Adjective in the case / latest situation
1. EN-SU MÜHENDİSLİK MÜŞAVİRLİK LTD. ŞTİ. 2. AXA SİGORTA A.Ş.	ANKARA 5th COMMERCIAL COURT OF FIRST INSTANCE	2021/327	Case Value: 13,772,780,90 TL Due to the explosion that occurred in the penstock of the Doruk HPP project during the test, the cost of the penstock and the loss of profit were filed with the request.	It was decided to reject the case on 25/10/2018. We have applied to appeal with a request for postponement of execution and 135,000,00-TL to the file. A consistent letter of guarantee is presented. (Letter of guarantee information: Ziraat Bank Ankara Corporate Branch, dated 10/01/2019 and numbered 2210KRTM19000026)  As a result of the appeal examination made on the file numbered 2019/255 E. of Ankara BAM 27. HD, it was decided on 28/04/2021 that the appeal application be accepted, the decision to be lifted, and the file to be sent to the court of first instance for re-examination. After the appeal review, the file was given to the Expert.
"1. AZİM ŞAHİN 2. SARDES ENERJİ ELEKTRİK İNŞAAT İŞ SAĞLIĞI VE GÜVENLİĞİ EĞİTİM DANIŞMANLIK HİZMETLERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ"	ANKARA 13th CIVIL COURT OF FIRST INSTANCE	2021/405	Case Value: 10,000. TL  Plaintiff Azim Şahin, as a subcontractor of Phoenix A.Ş., has prepared the application projects of Amasya SPP companies. Due to the non-payment of their receivables by the Phoenix company, the plaintiffs have directed this case to the client companies.	Azim Şahin, who previously filed a lawsuit over the file numbered 2020/87 E. at the Ankara 11th Civil Court of First Instance, filed a lawsuit with Sardes, the company related to the project, after this lawsuit was rejected due to hostility. Plaintiff Azim Şahin is also a Sardes Energy official. The file is pending.
"1. REŞET KARATAŞ (Village mukhtar representing Aksu Village legal entity) 2. SEDAT ÇÖRT (The village mukhtar representing the legal entity of Kızıldaş Village)"	DERELİ CIVIL COURT OF FIRST INSTANCE	2021/130	Case Value: 10,000. TL	The client company, which carries out HPP works in Aksu Village and Kızıldaş Village, has signed a contract with the relevant village legal entities on the condition that the facility is built. Despite the fact that the facility was put into production by the plaintiffs, this case was substituted on the grounds that the relevant protocol was not complied with. The file is pending.
ÖZCAN ERGİN	BULANCAK 1. CIVIL COURT OF FIRST INSTANCE	2021/573	RECEIVABLE	Özcan ERGİN, the claimant worker working at the Çalıkobası HPP construction site, in partnership with Karadeniz Kurşun Plate & Bülent Yalçınalp, held us responsible, as the top employer, on the grounds that his labor rights and receivables were not paid. The file is pending.
İDRİS TOMBUL	BULANCAK 1. CIVIL COURT OF FIRST INSTANCE	2021/575	RECEIVABLE	Claimant worker İdris TOMBUL, working at the Çalıkobası HPP construction site in partnership with Karadeniz Kurşun Levha & Bülent Yalçınalp, held us responsible, as the top employer, on the grounds that his labor rights and receivables were not paid. The file is pending.
ÜMİT AÇIKGÖZ	İSTANBUL 7th LABOR COURT	2021/175	RECEIVABLE	The claimant worker, working at Sarıtepe - Demirciler WPP within the body of Tepe Savunma Company, has filed this lawsuit, as the top employer, regarding the labor rights and receivables following his dismissal. The file is pending.



**Have ESIA's and / or Environmental and Social Due Diligence been carried out during the reporting period?  
(Please provide copies)**

## ENVIRONMENTAL AND SOCIAL STATUS DETECTION

- Environmental and Social Due Diligence within the scope of Wind projects capacity increase and Hybrid SPP projects was carried out by the 2nd party inspection company Enva Mühendislik. It will be finalized by making up-to-date revisions in 2022 and the aforementioned projects will be discussed with the relevant stakeholders in the loan financing processes.
- In 2021, all of our businesses were audited by the 2nd party inspection company, Enva Mühendislik, by impartial auditors.
- In the SAR-DEM RES ESAP audits carried out by Garanti Bank, all Environmental and social performance was evaluated. In this context, there is no major non-compliance detected.
- All Environmental and social performance was evaluated in the loaner audits of Kuzeypatu RES ESAP conducted by GOLDER. In this context, there is no major non-compliance detected.
- In 2021, no notification regarding leakage & spillage has been received from any of our power plants or construction sites.
- Training programs have been carried out in order to raise awareness of all our employees on this subject, and online common use files have been prepared for each facility in order to accelerate the nonconformity registration process; Spill kits have been installed and spill/spill drills have been carried out for correct response to spills and spills. Detailed information on this process is given under the title of "Hazardous Substance Leakage & Spill Response Preparations".
- In 2021, waste site controls were carried out at regular intervals, covering all projects and construction sites. Detailed information on this process is given under the title of "Temporary Waste Storage".
- Landscaping and rehabilitation situations of WPP projects that have just been put into operation in 2021 have been evaluated within the scope of biological action plans. Detailed information about this process is given under the title of "Landscape and Rehabilitation".
- No incidents related to cultural heritage detection/chance finds were encountered in 2021. Training programs have been carried out in all our fields with the aim of raising awareness on this issue. Detailed information about the studies carried out in this context is given under the title of "Conservation of Cultural Heritage".
- Employee satisfaction and stress level surveys were conducted to determine the current status of our employees. The aforementioned survey data is given under the title of "Employee Satisfaction Survey Analysis - 2021".
- In 2021, biodiversity monitoring and evaluation processes were carried out on a monthly basis, covering all SPP and WPP projects. Detailed information on this process is given under the title of "Biological Diversity".



- In 2021, within the scope of ÇAMLICA III HPP; fish catching, transport and release works have been successfully completed. Detailed information on this subject is given under the title of "Biological Diversity".
- Ornithological and biodiversity observation studies continued in all WPP projects and seasonal reports were submitted to the General Directorate of Nature Conservation National Parks. Detailed information on this subject is given under the title of "Biological Diversity".
- Endemic plant species are observed within the scope of flora, seeds are collected and planted.
- In HPP Regulators; detection and evaluation were made in fish passages. All fish passes operate to good standards.
- In HPP Regulators; The life waters left by the flow observation stations are checked. The functionality of the flow monitoring stations has been checked.
- During the operation period of the SPP projects, the last biodiversity observations were completed and no major results were found.
- Fish passes and flow observation station inspections are carried out and reported specifically for hydroelectric power plants. There is no major non-compliance detection regarding fish passages and flow observation stations in 2021. Detailed information on this subject is given under the title of "Biological Diversity".
- Reports to the Biodiversity monitoring studies carried out in 2021 are given below:
  - Denizli RES 2021 Spring Ornithological Monitoring Report
  - Denizli RES 2021 Autumn Ornithological Monitoring Report
  - Denizli RES 2021 Autumn Bat Report
  - Hasanoba RES 2021 Spring Ornithological Monitoring Report
  - Hasanoba RES 2021 Autumn Ornithological Monitoring Report
  - Hasanoba RES 2021 Autumn Bat Report
  - Kocalar RES 2021 Spring Ornithological Monitoring Report
  - Kocalar RES 2021 Autumn Bat Report
  - Kocalar RES 2021 Autumn Ornithological Monitoring Report
  - Üçpınar RES 2021 Spring Ornithological Monitoring Report
  - Üçpınar WPP 2021 Autumn Ornithological Monitoring Report
  - Üçpınar RES 2021 Autumn Bat Report
  - İota M. Fırıncı GES 2021 Spring Biodiversity and Ornithological Monitoring and Evaluation Report
  - İota M. Fırıncı GES 2021 Autumn Biodiversity and Ornithological Monitoring and Evaluation Report
  - Çamlıca III Dam and HPP July 2021 Fish Catch, Transport and Release Works
  - Çamlıca III Dam and HPP September 2021 Fish Catch, Transport and Release Works







## [PS2 | PK2] Labor and Working Conditions

**Have you changed your Human Resources (HR) policies, procedures or working conditions during the reporting period?**

### HUMAN RESOURCES POLICY

Revisions were made in our policy texts in 2021 and announced in all of our plants. The HR Policy revision number has been increased to 4. These policy texts were posted in all plants, and efforts were made to adopt the company policy both visually and through training.


 **akfen** YENİLENEBİLİR ENERJİ  
*Enerjide daha güçlü bir gelecek için...*




**OUR QUALITY POLICY**

- ❖ We will fully fulfill the requirements of the management system standards we have declared,
- ❖ We will do our best to achieve company and unit goals in a team spirit,
- ❖ We will ensure that our employees perform their duties in a safe and healthy environment,
- ❖ We will ensure the establishment of human and employee rights,
- ❖ We will use our energy, global and corporate resources efficiently,
- ❖ We will continuously improve our service and system performance,
- ❖ Adopt a preventive rather than corrective approach; we will try to detect and eliminate potential problems before they occur,
- ❖ All of our employees; we will establish education, high level communication and team spirit,
- ❖ We will create and maintain a reliable company identity that meets the needs and expectations,
- ❖ We will cooperate with our suppliers based on control at all levels.
- ❖ We will create and protect an exemplary corporate identity that is respectful and beneficial to the society, our employees and the environment,
- ❖ We will not hinder competition, on the contrary, we will encourage it,
- ❖ We will act transparently, taking into account the principles of privacy and security,
- ❖ We will declare our stance on environmental protection, occupational health and safety, efficiency in energy and global resource use, human resources, social responsibility, information security, protection of personal data by issuing special policies, and we will ensure that our policies are complied with at all levels.
- ❖ We will declare our ethical rules and ensure that these rules are followed at all levels.
- ❖ We will be an exemplary institution in every aspect of our sector.

Figure 19. AKFEN RENEWABLE® ENERGY QUALITY POLICY

 **akfen** YENİLENEBİLİR ENERJİ  
*Enerjide daha güçlü bir gelecek için...*



**OUR OCCUPATIONAL HEALTH & SAFETY POLICY**

- ❖ By complying with national and international regulations, by providing a healthy and safe working environment;
- ❖ We will ensure that occupational health and safety awareness is adopted by all our stakeholders and that it is continuously developed,
- ❖ We will take all kinds of measures to all relevant parties within the framework of OHS regulations,
- ❖ We will work to prevent occupational accidents before they occur with effective risk assessment,
- ❖ We will train our employees on OHS on legislation requirements,
- ❖ We will respect the collective bargaining and bargaining rights of our employees and support the organizations in this direction,
- ❖ We will refer to the Universal Declaration of Human Rights, the International Labor Organization (ILO) conventions, the United Nations Global Compact, the United Nations Declaration of Global Goals for Sustainable Development, the Organization for Economic Cooperation and Development (OECD) guidelines for multinational companies.
- ❖ We will ensure that our visitors, suppliers and company employees from all levels comply with OHS rules,
- ❖ We will be an exemplary institution by managing our company within the framework of OHS management standards.

In the working environment;

- ❖ We will provide a healthy environment where employees will feel comfortable, safe and happy to work. We will take mental health problems seriously and support all personnel who encounter problems.

Figure 20. AKFEN RENEWABLE® ENERGY OHS POLICY



#### OUR ENVIRONMENTAL POLICY

- ❖ By complying with national and international regulations, by conducting environmentally friendly studies;
- ❖ We will reduce the negative environmental impact and prevent pollution at its source,
- ❖ We will carefully evaluate the recycling and reuse alternatives of wastes,
- ❖ We will take the necessary measures to prevent hazardous wastes from entering the air, water and soil, and ensure the disciplined delivery of these wastes to the authorized institutions. We will raise awareness of our staff about the harmful effects of hazardous wastes to the environment.
- ❖ We will try to minimize the amount of food waste by raising the awareness of our staff,
- ❖ We will use environmentally friendly technologies and reduce the use of raw materials.
- ❖ We will exhibit an efficiency-oriented approach in energy consumption and raise awareness of our employees.
- ❖ We will ensure the sustainable, efficient and effective use of natural resources, and raise awareness of our employees on this issue.
- ❖ We will raise awareness about the causes and importance of climate change.
- ❖ We will decrease the amount of greenhouse gas emissions by increasing our energy production capacity,
- ❖ We will monitor greenhouse gas emission rates based on our activities and energy consumption, and take the necessary measures to reduce them.
- ❖ We will share data on the consumption of energy and global resources, recycling and disposal of hazardous wastes with the public and try to create social awareness.
- ❖ We will work to protect the ecosystems and biological diversity of the fields where we operate and raise awareness of our staff on this issue.
- ❖ We will strengthen the vegetation cover of the fields where we operate, taking into account the geographical conditions.
- ❖ We will bear the responsibility to pass on a clean and healthy environment to future generations.
- ❖ We will work to instill environmental awareness in our employees and society.
- ❖ We will be an exemplary institution by managing our company within the framework of environmental management standards..
- ❖ We will support global goals for sustainable development.

Figure 21. RENEWABLE® ENERGY ENVIRONMENTAL POLICY



#### OUR ENERGY EFFICIENCY POLICY

- ❖ Based on efficiency in energy and global resource use in order to leave a livable world to new generations;
- ❖ We will continuously measure and improve our energy and global resource consumption performance,
- ❖ We will keep consumption and carbon emissions at the lowest level,
- ❖ We will continuously inform and raise awareness of our employees about the importance of efficiency in energy and global resource use,
- ❖ We will work to raise social awareness on the effects of energy and global resource use and the importance of efficiency,
- ❖ We will use environmentally friendly and economical products,
- ❖ We will monitor energy management by setting plans and targets,
- ❖ We will be an exemplary institution by managing our company within the framework of energy management standards.

Figure 22. AKFEN RENEWABLE® ENERGY EFFICIENCY POLICY





## OUR SOCIAL RESPONSIBILITY POLICY

### Child Labor

- ❖ We will not employ employees under the age of 18 for the healthy development of children and within the framework of respect for the right to education, we will act in accordance with the procedures and principles of employing young workers

### Recruitment

- ❖ While determining the human resources criteria (minimum conditions for the individual to be employed); we will aim to increase diversity and prevent discrimination, as well as technical and administrative needs.
- ❖ We will evaluate our existing human resources in line with our company needs, and make employment plans to increase our human resources diversity, taking into account our social and corporate development.
- ❖ We will not evaluate individuals based on their skin color, origins, religion, political views. We will only take as basis the minimum conditions determined and stand at an equal distance to individuals who apply. We will provide equal professional opportunities for women and men.
- ❖ By giving priority to local employment, we will try to support the people economically in the areas where we operate.

### Raising Awareness of Employees

- ❖ Believing that the basis of social compliance is based on conscious employees, we will ensure that the awareness of the employees is increased by informing them about their personal rights, company rules and working conditions during the recruitment phase and at certain periods during the employment. We will repeat our trainings regularly for the continuity of this awareness.
- ❖ We will ensure that Akfen ethical rules are communicated to and adopted by our employees.

### Working hours

- ❖ Due to respect for work and human rights, we will comply with applicable laws and regulations in working hours and overtime hours. We will take the necessary measures to avoid exceeding overtime. With the establishment of efficient work, we will base the completion of the works within working hours, and we will not allow overtime except in compulsory situations.

### Discrimination

- ❖ On the basis that all employees have equal rights; We will not look at race, social class, religion, national origin, gender, or political affiliation when it comes to recruiting, compensation, access to education, promotion.
- ❖ We will evaluate the feedback (objections, complaints, suggestions) of our current staff objectively.

### Communication

- ❖ Believing that success is through healthy communication, we will carry out practices aimed at keeping the relations of employees alive among themselves and with managers, creating good relations between employees and managers and ensuring the continuity of these relationships

### Prevention of Harassment and Maltreatment

- ❖ We will ensure that there is no verbal, physical, psychological harassment or coercion in order to ensure the peace of the work environment and the happiness of the employees. We will consider the complaints on this matter seriously and ensure that a fair decision is made as soon as possible and the decision is implemented without wasting time.
- ❖ We consider every situation where our employees are abused, subjected to non-physical violence such as pressure or threats, and where their safety and health is put at risk as an element of violence. We do not tolerate any behavior or action that includes harassment, threats or physical violence in any form.

### Forced and Compulsory Labor

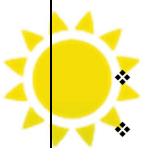
- ❖ We undertake that the contract cannot be obligatory or work against debt and the work will be voluntary.

### Supplier Management

- ❖ Akfen Renewable Energy is aware that its suppliers have a significant share in its success and aims to make the entire supply chain a part of this development as it develops. Akfen Renewable Energy's relations with its suppliers, with which it cooperates within the framework of transparency and ethical rules; It builds on the principles of quality, competitive environment, compliance with international standards, sustainability and honesty. With the awareness that the activities of all our suppliers are under our responsibility; not just the products & services we receive; We will also evaluate their approach to human resources and question their compliance with our human resources policy.

We will try to support the people economically in the fields where we operate by giving priority to local supplier companies in meeting the needs.

- ❖ Issues related to sustainability are included in our corporate policies and supplier evaluation criteria. These considerations mainly include the following criteria:
- ❖ Environment, Occupational Health and Safety Management Systems





#### **OUR SOCIAL RESPONSIBILITY POLICY**

- ❖ Measurements on water consumption, carbon footprint, waste management
- ❖ Commitments to work ethically and in line with human rights
- ❖ Policies and procedures to prevent child labor and forced labor
- ❖ Policies and procedures regarding bribery and corruption
- ❖ Policies and procedures to prevent discrimination and harassment
- ❖ Legal compliance with employee rights and working hours
- ❖ Social responsibility projects
- ❖ How the companies with which the supplier is in contact are evaluated according to social and environmental compliance criteria
- ❖ Anti-corruption measures

#### **Anti-corruption measures Education**

- ❖ We will organize in-house or external trainings to increase awareness of occupational health and safety and support their professional and personal development of our employees.

#### **Health and Safety**

- ❖ We attach importance to creating a healthy, safe and secure working environment. While showing the utmost care to comply with health and safety issues in all our activities in our company, our facilities and construction sites; We take all kinds of precautions in order not to risk the health and safety of ourselves and others. We follow the regulations and developments regarding occupational safety and avoid negligence. We only adopt a general policy that complies with the standards and legal requirements regarding OHS management and fulfill the policy requirements.

#### **Protection of Personal Data**

- ❖ We fully comply with the relevant legal regulations regarding the protection of personal data

#### **Supporting Local People in Sociocultural and Economic Aspects**

- ❖ We will hold meetings to determine the socio-cultural and economic situation and needs of the local people affected by our activities. We will inform the relevant parties in order to provide feedback on this matter.
- ❖ By giving priority to local employment, we will try to support the people economically in the areas where we operate.
- ❖ We will try to support the people economically in the fields where we operate by giving priority to local supplier companies in meeting the needs.
- ❖ We will identify and implement social projects to support local people affected by our activities in socio-cultural terms.

**Figure 23. AKFEN RENEWABLE® ENERGY SOCIAL RESPONSIBILITY POLICY**



#### **PREVENTION OF ANTI-COMPETITION WORK**

- ❖ Akfen Renewable® Energy does not provide direct / indirect aid or support to any political opinion, political organization or individuals in cash or in the same way.
- ❖ Akfen Renewable® Energy communicates transparently with public authorities and keeps its level of communication in line with the fair competition laws of the relevant country.
- ❖ Akfen Renewable® Energy maintains the same ethical, transparent and fair approach in relations with its competitors, avoids any kind of anti-competitive behavior, abides by the established confidentiality rules and takes attitude against any action that may lead to monopolization or trust building.

**Figure 24. AKFEN RENEWABLE® POLICY FOR THE PREVENTION OF ANTI-COMPETITIVE ACTIVITIES**





### Human Resources

We strive to create a fair, transparent, high-performance, development-oriented, loyal, happy, productive, successful and healthy workforce where employees find opportunities to reveal their potential, contribute to the future of our company and see value,

In this direction;


- ❖ Providing equal professional opportunities for women and men regardless of their background, age, status, race, religion,
- ❖ To form a team of individuals who are respectful to the society,
- ❖ To raise the awareness of our staff at all levels in the standards that are subject to the integrated management system,
- ❖ Based on total quality philosophy, acting in team spirit,
- ❖ All employees become people who can use their talents at the highest level within the framework of quality systems,
- ❖ Creating and maintaining quality and discipline awareness in all our employees,
- ❖ To create and maintain a high level of occupational safety awareness in all our employees,
- ❖ To create environmental awareness in all our employees; to instill and sustain awareness of global resources and sustainability,
- ❖ To increase the awareness about the efficient use of the energy produced,
- ❖ Touching the society through our employees, contributing to our general social development,
- ❖ We aim to enable the individuals working in our company to develop horizontally and vertically in our organizational structure.


For this;

- ❖ While determining the human resources criteria (minimum conditions for the individual to be employed); We will aim to increase diversity and prevent discrimination as well as needs.
- ❖ We will not discriminate during employment. We will not evaluate people according to their skin color, origins, religion or political views. We will only take as basis the minimum conditions determined and stay at an equal distance to individuals who apply. We will provide equal professional opportunities for women and men.
- ❖ We will not discriminate not only in the employment process but also in any stage of our working life, we will adopt an equal and fair approach; We will provide equal wages and opportunities within the scope of duty, authority and working performances.
- ❖ In line with our company needs; We will evaluate our existing human resources and make employment plans to increase our human resources diversity, taking into account our social and corporate development.
- ❖ We will ensure communication with our staff at all levels, we will ensure that employee representatives at all levels are appointed in order to ensure the communication in question during the meetings,
- ❖ We will adopt an approach that respects human rights and we will evaluate the requests received within this scope. We will guarantee our employees' right to organize. We will fulfill collective bargaining and labor agreement requests.
- ❖ We will protect our Employee Representatives, we will provide opportunities that will eliminate all kinds of effects that may cause restrictions on representation rights and even facilitate the representation process. In this context, we will seriously consider and evaluate the demands of the worker representatives.
- ❖ We will prevent discrimination against our employee representatives at all levels.
- ❖ We will adopt a fair approach, evaluate the feedback (objections, complaints, suggestions) from our staff objectively,
- ❖ With performance monitoring, we will identify the required trainings and perform them in a disciplined manner. Regardless of the need, we will organize regular trainings to ensure awareness and continuity. We will determine the effectiveness of the trainings and ensure that they are performed again when necessary.
- ❖ We will support our staff to participate in the trainings (general, technical and vocational training) they need to improve themselves within the scope of their duties.
- ❖ We will observe our personnel who want to develop their careers in our company and need training for this, listen to their needs and expectations, and support their participation in appropriate training programs.
- ❖ We will determine and fulfill the environmental conditions required for the productivity and happiness of our employees. For this, we will try to identify and eliminate stress sources that will evaluate not only physical conditions but also the psychological environment.
- ❖ We will announce the general Akfen Code of Ethics to all our employees and ensure that they adopt them.
- ❖ We will announce our Social Responsibility Policy to all our employees and make them adopt it.
- ❖ We will support global goals for sustainable development.
- ❖ We will adopt the United Nations Global Compact.
- ❖ In addition to the above-mentioned activities, we will fully fulfill the legal requirements regarding human resources.

We will take the necessary approaches and measures to ensure that this policy we have adopted is also adopted by the supplier companies we work with. In this way, we will endeavor to provide the facility not only for our own personnel, but also for each individual working in all our projects and businesses.

 **Figure 25. AKFEN RENEWABLE® ENERGY HUMAN RESOURCES POLICY**


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ENERJİ  
*Enerjide daha güçlü bir geleceği için...*



**Information security**

- ❖ AKFEN complies with legal and ethical rules in obtaining, processing, presenting, storing and sharing the information used in its activities. It is essential that the information used for AKFEN is reliable and secure.
- ❖ INFORMATION SECURITY AT AKFEN, that the required information can be easily accessible and uninterruptedly available, only authorized persons can access it, preventing it from being changed by unauthorized persons or applications, instantly detecting an unauthorized intervention and taking countermeasures, preventing user errors, ensuring the continuity of corporate memory to be backed up.
- ❖ Continuous increase in the density of information available in electronic media in line with technological developments; brings with it the risk of unauthorized access and modification; It requires physical and electronic information security at the highest level both institutionally and individually.
- ❖ Thanks to its information security policy, AKFEN aims to reach and use the right information in a timely manner, to prevent unauthorized interventions, to protect corporate reliability and reputation, and to ensure continuity in the work carried out.
- ❖ Determination of acceptable principles in the use of information, authorization, control of the use of authority, disclosure of physical and electronic security methods, determination of the usage procedures of the information communication network, password management, emergency management and backup constitute the basis of the Information Security Management System.
- ❖ AKFEN employees and stakeholders are responsible for the functioning of the Information Security Management System and ensuring information security. The control and supervision of the effective functioning of the system is carried out by the Information Security Coordination Board, which is composed of the security officers of the units.
- ❖ AKFEN INFORMATION SECURITY POLICY is supported by the Information Security Regulation. The sanctions in the AKFEN Disciplinary Regulation are applied against possible violations in information security.
- ❖ AKFEN INFORMATION SECURITY COORDINATION BOARD monitors the information security policy, reviews it at least every 6 months and submits the change requirements to the Board of Directors.
- ❖ AKFEN TOP MANAGEMENT explicitly declares its support for the implementation of the necessary practices to ensure information security, its control, taking preventive measures in case of any violation, and fulfilling the sanctions against those who cause the violation.
- ❖ At AKFEN Holding, ensuring information security is one of the cornerstones of the management approach.

**Figure 26. AKFEN RENEWABLE® INFORMATION SECURITY POLICY**

## HUMAN RESOURCES PROCEDURE

The Human Resources Procedure has been revised to include the following issues.

- Adding trainings on the restructuring process.
- Reference to the Employee Incentive Instruction.
- Making explanations about employee satisfaction and stress level surveys
- Disclosure of employee competitions and evaluation processes.

There is no change in personnel working conditions in 2021.

However; After the World Health Organization announced the new Covid-19 virus and the 'International Public Health Emergency' epidemic, many measures were officially taken to ensure social isolation.

During the pandemic process, the Covid-19 Information Platform published by the Ministry of Health of the Republic of Turkey is followed, and good practices are implemented in our businesses according to the updated EBRD Covid-19 guidelines.

In addition, remote working and flexible working hours were implemented in Akfen Renewable® Energy headquarters (Ankara) office throughout 2021.



**Provide the following information about your workforce. Please add a line if necessary:**

The table indicating the number of personnel employed and dismissed/resigned both in the head office and in our enterprises in 2021 is given below.

**Table 29. 2021 WORKFORCE PROFILE**

<u>POWERPLANT</u>	<u>NUMBER OF DIRECT EMPLOYEE</u>	<u>NUMBER OF DIRECTLY EMPLOYED WOMEN</u>	<u>NUMBER OF EMPLOYEE LEFT/RELEASED</u>	<u>NUMBER OF EMPLOYEES HIRE</u>	<u>NUMBER OF CONTRACTOR EMPLOYEES</u>
HEAD OFFICE	41	15	2	3	-
OTLUCA HPP	21	-	1	-	-
SIRMA HPP	8	-	-	-	-
SEKIYAKA HPP	9	-	-	-	-
DEMİRCİLER HPP	10	-	-	-	4
KAVAKÇALI HPP	12	-	-	-	-
GELİNKAYA HPP	7	-	-	-	4
SARAÇBENDİ HPP	13	-	-	-	5
ÇAMLICA III HPP	14	-	-	-	-
DORUK HPP	13	-	1	1	5
YAĞMUR HPP	12	-	-	-	-
DOĞANÇAY HPP	21	2	1	1	-
ÇALIKOBASI HPP	13	-	-	1	5
ÇİÇEKLİ HPP	11	-	1	1	-
DENİZLİ SPP PROJECTS	-	-	-	-	5
YAYSUN - MT DOĞAL SPP	-	-	4	4	10
AMASYA SPP PROJECTS	-	-	1	1	5
TOKAT SPP PROJECTS	-	-	1	-	5
OMICRON PSİ SPP	-	-	-	-	13
ME-SE SPP	-	-	-	-	5
SOLENTGRE/KARİNE SPP	-	-	2	2	5
FIRINCI SPP	-	-	1	1	6
KOCALAR WPP	-	-	2	1	12
ÜÇPINAR WPP	-	-	2	2	10
HASANOBA WPP	-	-	2	2	10
DENİZLİ WPP	-	-	-	1	12
SAR-DEM WPP	-	-	1	-	12
<b>TOTAL EMPLOYEE</b>	<b>205</b>	<b>17</b>	<b>22</b>	<b>21</b>	<b>133</b>

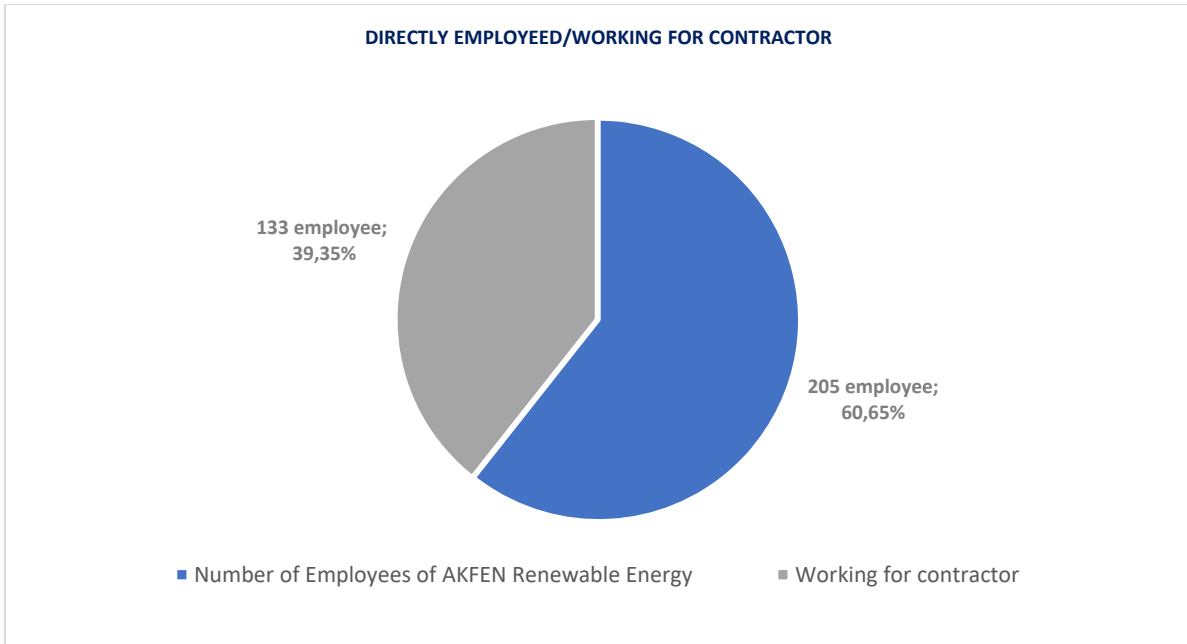
The labor force detail table prepared according to the number of employees directly employed at Akfen Renewable® Energy headquarters and power plants and employed by the contractor company is given below.



Table 30. 2021 LABOR DETAIL TABLE

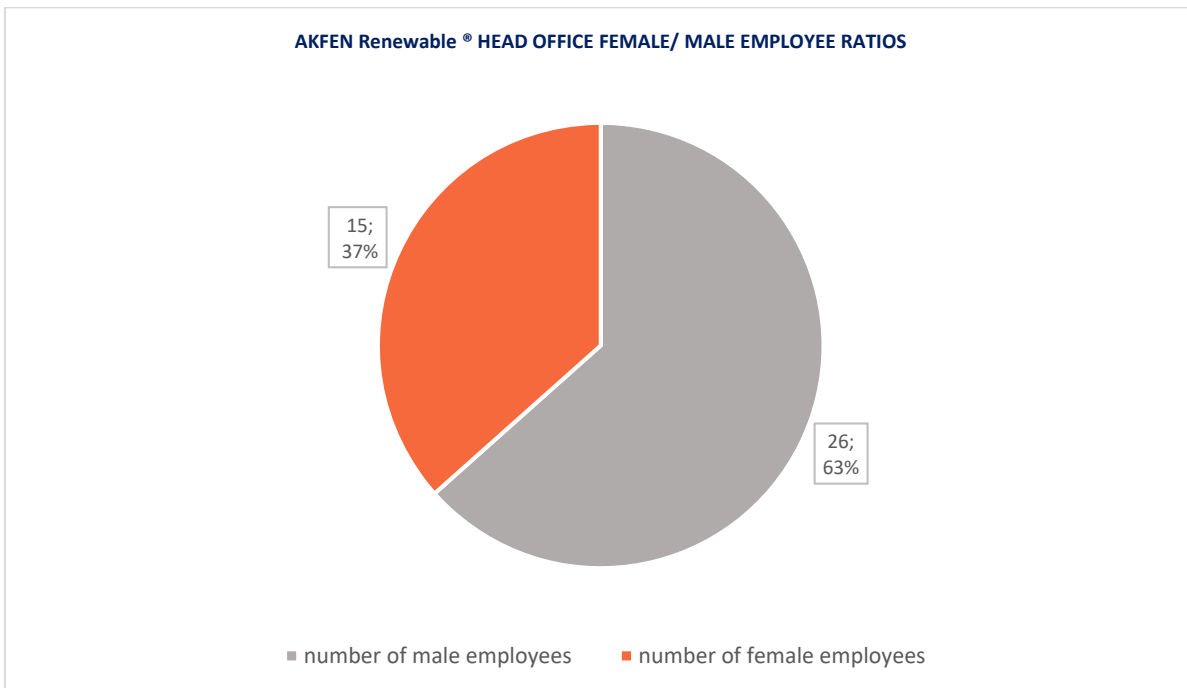
LOACTION	EMPLOYEE NUMBER																TOTAL
	HEAD OFFICE				OPERATION / MAINTENANCE				SECURITY				ADMINISTRATIVE				
	DIRECTLY EMPLOYED		CONTRACTOR COMPANY		DIRECTLY EMPLOYED		CONTRACTOR COMPANY		DIRECTLY EMPLOYED		CONTRACTOR COMPANY		DIRECTLY EMPLOYED		CONTRACTOR COMPANY		
	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	MAN	WOMAN	
HEAD OFFICE	26	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
OTLUCA HPP	-	-	-	-	20	0	0	0	0	0	0	0	1	0	0	0	21
SIRMA HPP	-	-	-	-	7	0	0	0	0	0	0	0	1	0	0	0	8
SEKİYAKA HPP	-	-	-	-	8	0	0	0	0	0	0	0	1	0	0	0	9
DEMİRCİLER HPP	-	-	-	-	8	0	0	0	0	0	4	0	2	0	0	0	14
KAVAKÇALI HPP	-	-	-	-	10	0	0	0	0	0	0	0	2	0	0	0	12
GELİNKAYA HPP	-	-	-	-	6	0	0	0	0	0	4	0	1	0	0	0	11
SARAÇBENDİ HPP	-	-	-	-	11	0	0	0	0	0	5	0	2	0	0	0	18
ÇAMLICA III HPP	-	-	-	-	13	0	0	0	0	0	0	0	1	0	0	0	14
DORUK HPP	-	-	-	-	12	0	0	0	0	0	5	0	1	0	0	0	18
YAĞMUR HPP	-	-	-	-	12	0	0	0	0	0	0	0	0	0	0	0	12
DOĞANÇAY HPP	-	-	-	-	17	2	0	0	0	0	0	0	2	0	0	0	21
ÇALIKOBASI HPP	-	-	-	-	12	0	0	0	0	0	5	0	1	0	0	0	18
ÇİÇEKLİ HPP	-	-	-	-	11	0	0	0	0	0	0	0	0	0	0	0	11
DENİZLİ SPP PROJECTS	-	-	-	-	0	0	1	0	0	0	4	0	0	0	0	0	5
YAYSUN- MT DOĞAL SPP	-	-	-	-	0	0	6	0	0	0	4	0	0	0	0	0	10
AMASYA SPP PROJECTS	-	-	-	-	0	0	1	0	0	0	4	0	0	0	0	0	5
TOKAT SPP PROJECTS	-	-	-	-	0	0	1	0	0	0	4	0	0	0	0	0	5
OMİCRON/PSİ SPP	-	-	-	-	0	0	3	0	0	0	10	0	0	0	0	0	13
ME-SE SPP	-	-	-	-	0	0	1	0	0	0	4	0	0	0	0	0	5
SOLENTEGRE / KARİNE SPP	-	-	-	-	0	0	1	0	0	0	4	0	0	0	0	0	5
IOTA M. FIRINCI SPP	-	-	-	-	0	0	1	0	0	0	5	0	0	0	0	0	6
KOCALAR RES	-	-	-	-	0	0	8	0	0	0	4	0	0	0	0	0	12
ÜÇPINAR RES	-	-	-	-	0	0	7	0	0	0	3	0	0	0	0	0	10
HASANOBA RES	-	-	-	-	0	0	6	0	0	0	4	0	0	0	0	0	10
DENİZLİ RES	-	-	-	-	0	0	8	0	0	0	4	0	0	0	0	0	12
SAR-DEM RES	-	-	-	-	0	0	8	0	0	0	4	0	0	0	0	0	12
<b>TOTAL:</b>	<b>26</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>147</b>	<b>2</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>338</b>





**Graphic 8. RATIO OF EMPLOYEES DIRECTLY / UNDER THE CONTRACTOR**

Due to the fact that our power plants are in rural and mountainous areas and there are no women applications due to the nature of the working conditions, female employment in our power plants is low.



**Graphic 9. AKFEN RENEWABLE® ENERGY HEAD OFFICE WOMAN / MAN WORKER RATIO**



## EMPLOYEE SATISFACTION

In order to determine the satisfaction and stress levels of our employees and contractor company employees, the following activities were carried out in 2021.

- Considering the revised P05 HUMAN RESOURCES PROCEDURE, the COMMUNICATION INSTRUCTIONS has been revised for all WPP and SPP enterprises.



Figure 27. POWER PLANT COMMUNICATION INSTRUCTIONS-AMASYA BOYALI SPP

- All employees have been informed about the importance of survey studies.



- Digital surveys have been prepared for use on mobile phones so that our employees and contractor company employees can participate in the survey whenever they wish. The said surveys; shared with the employees through their personal mobile phones.



## Employee Satisfaction Survey Analysis- 2021

In 2021, digital surveys covering all the personnel working at the sites visited by the 2nd Party surveillance company Enva Mühendislik were conducted. Following the aforementioned survey studies, the results of the employee satisfaction analysis were reported and added to the agenda items in the Management Review (YGG) meetings.

The employee satisfaction survey was sent to the mobile phones of all employees of Akfen WPP, GES and HPP enterprises by enva engineering. During the survey process, it was determined that 211 personnel answered the questionnaire, 140 personnel stated their names and 71 personnel kept their names confidential.

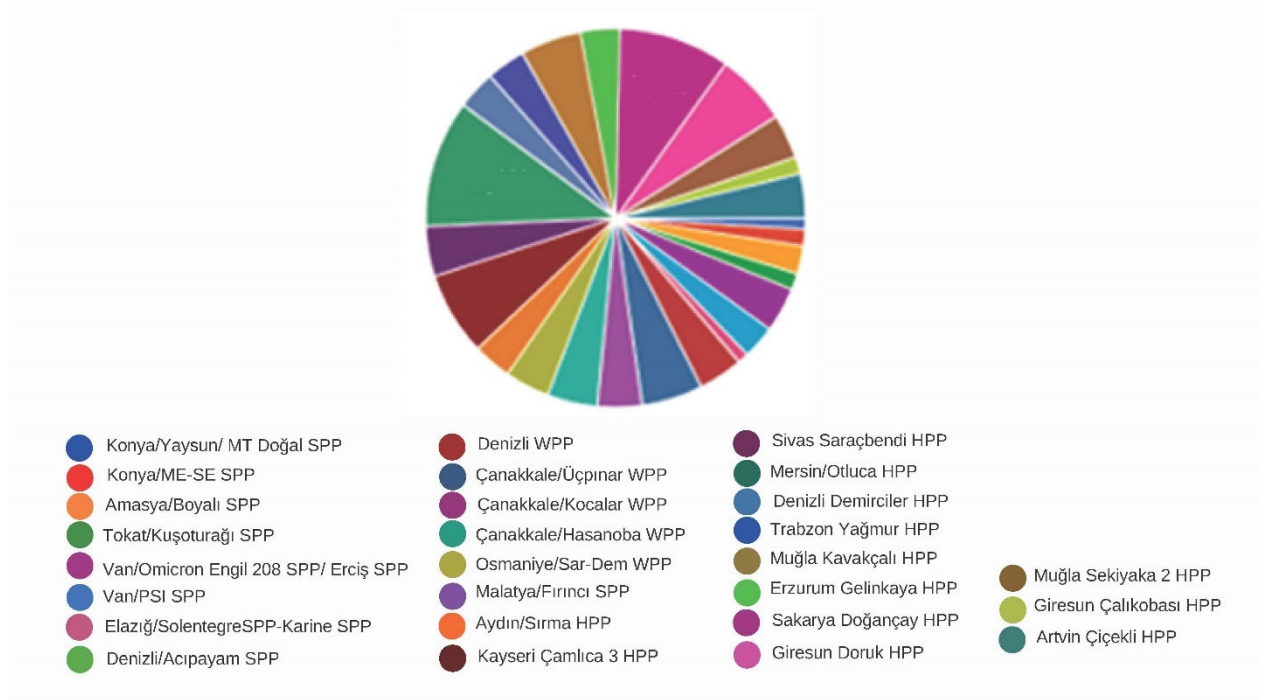


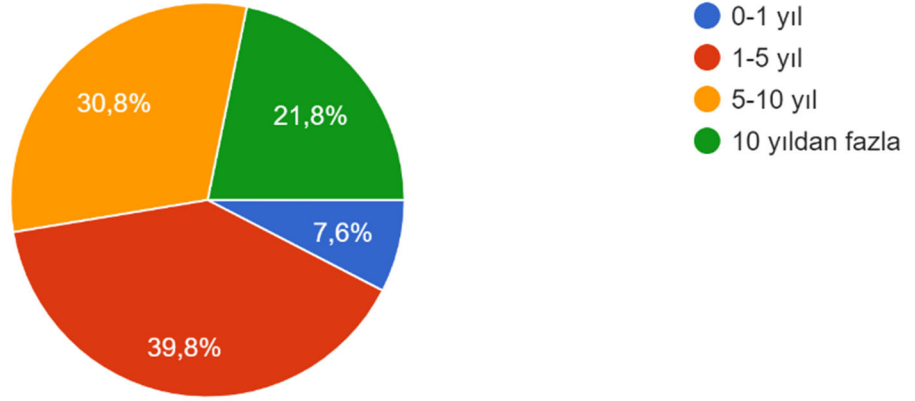
Figure 28. EMPLOYEE SATISFACTION SURVEY PARTICIPATION RATE



Results:

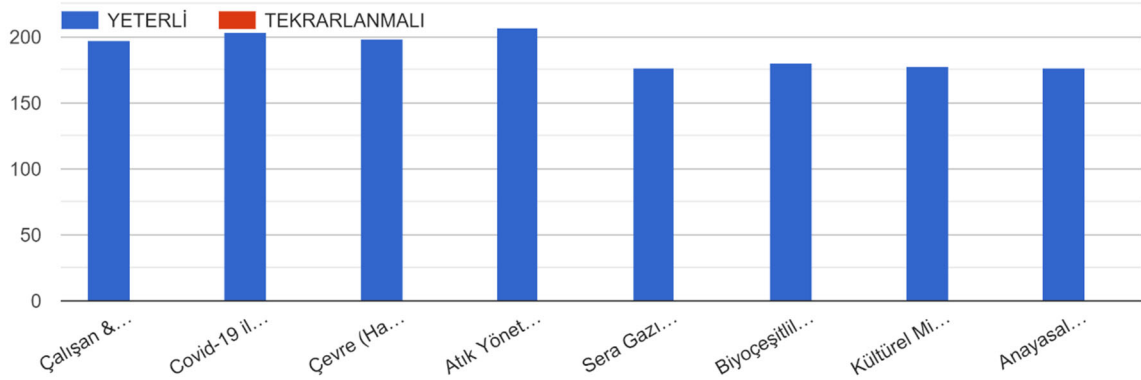
## Total working time of employees in the organization

211 yanıt



Graphic 10. TOTAL WORKING TIME OF EMPLOYEES IN THE ORGANIZATION

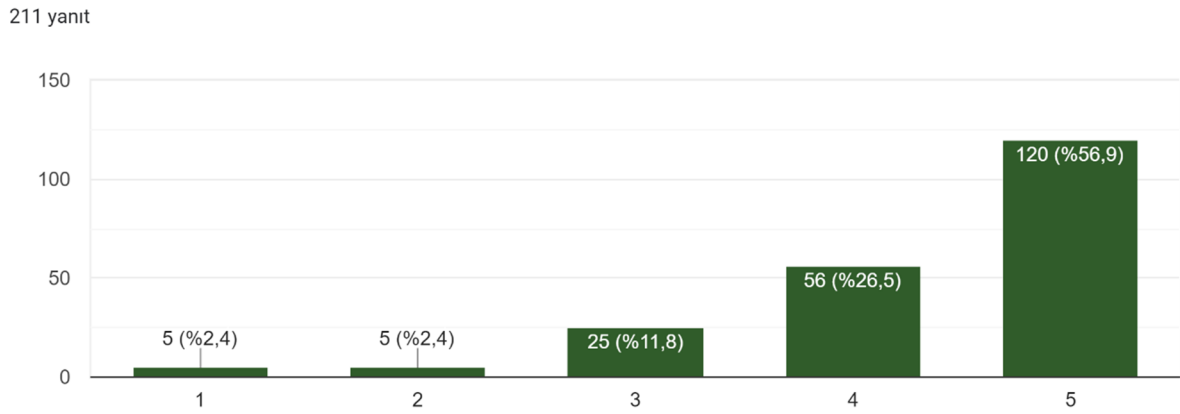
## Provided trainings



Graphic 11. PROVIDED TRAININGS

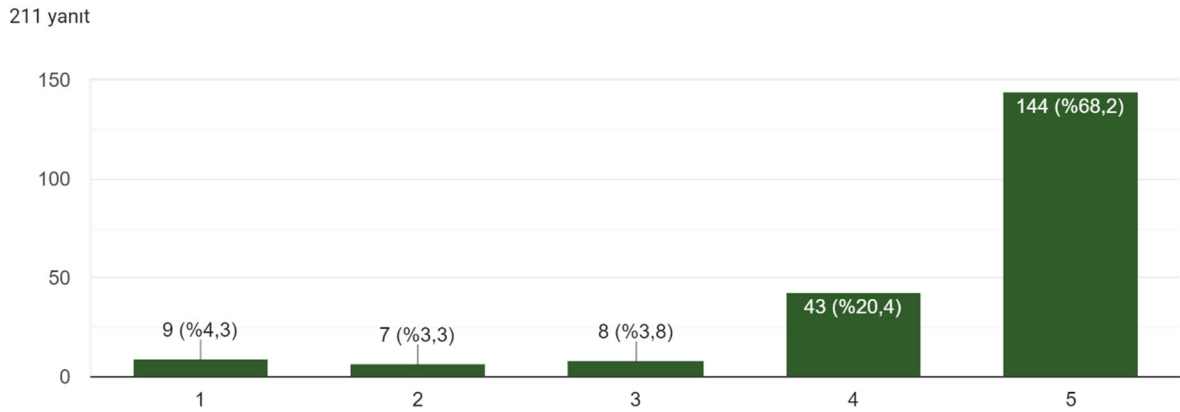


## Rate of finding TRAINING content productive



Graphic 12. RATE OF FINDING TRAINING CONTENT PRODUCTIVE

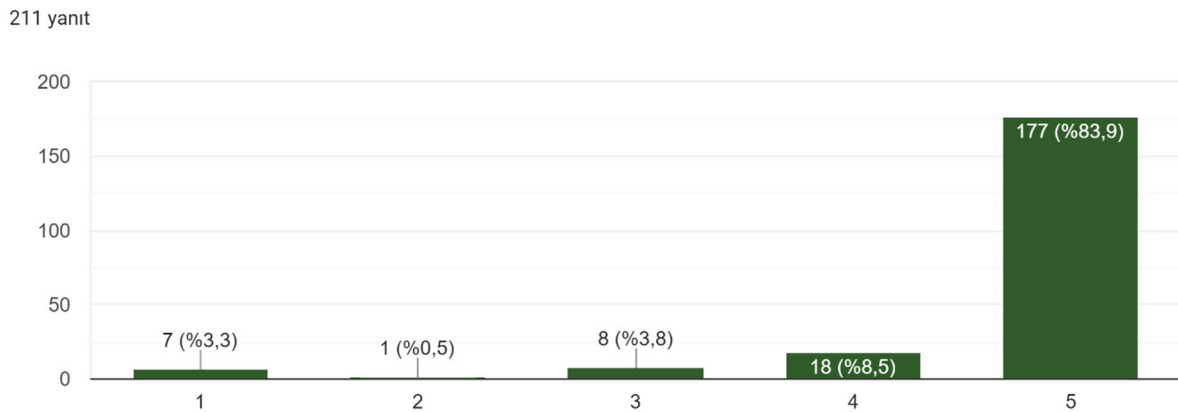
## The rate of finding the work area ergonomic (to work comfortably)



Graphic 13. THE RATE OF FINDING THE WORK AREA ERGONOMIC (TO WORK COMFORTABLY)

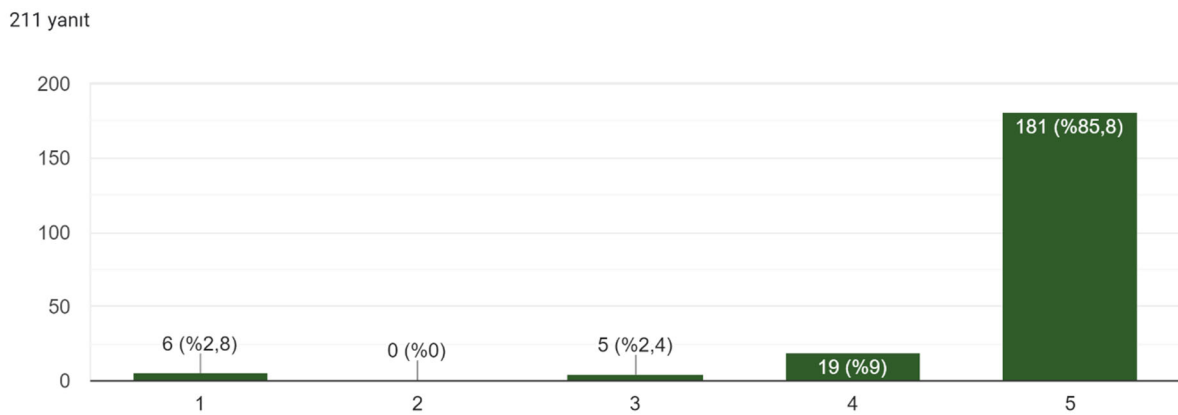


## The rate of thinking that the necessary measures are taken within the scope of OHS in the work area



**Graphic 14. THE RATE OF THINKING THAT THE NECESSARY MEASURES ARE TAKEN WITHIN THE SCOPE OF OHS IN THE WORK AREA**

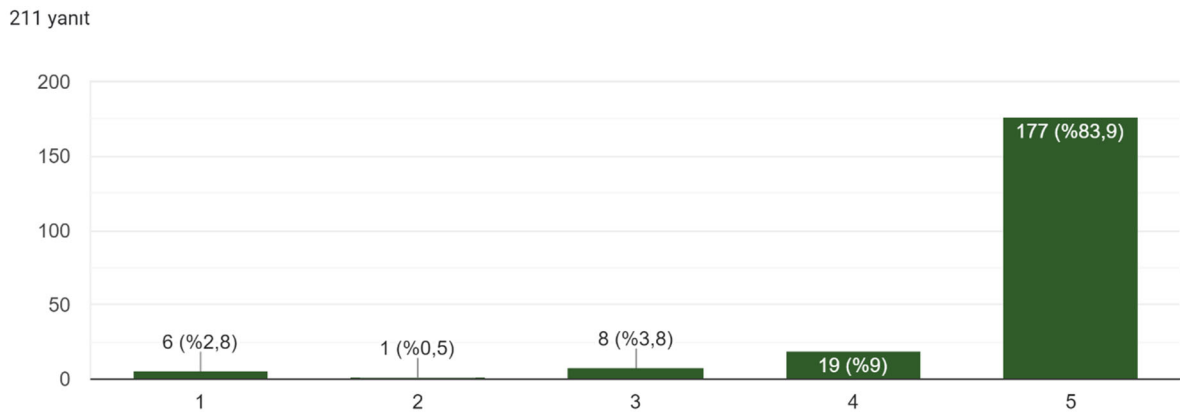
The rate of thinking that the company attaches the necessary importance to the Occupational Health and Safety rules and practices



**Graphic 15. THE RATE OF THINKING THAT THE COMPANY ATTACHES THE NECESSARY IMPORTANCE TO THE OHS RULES AND PRACTICES**

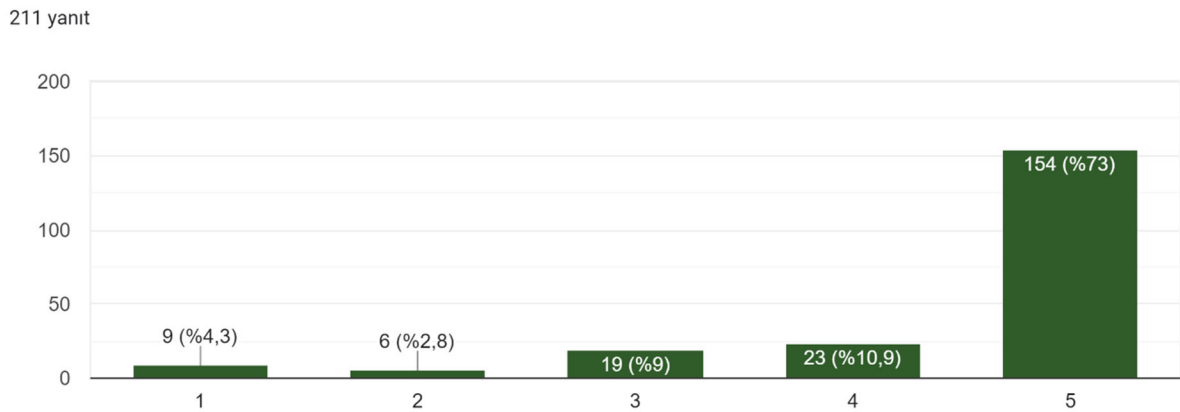


## The rate of thinking that the company attaches importance to environmental issues in the operation process



**Graphic 16. THE RATE OF THINKING THAT THE COMPANY ATTACHES IMPORTANCE TO ENVIRONMENTAL ISSUES IN THE OPERATION PROCESS**

## The rate of comfortably/confidently conveying the negative working situations encountered or to be encountered in the company

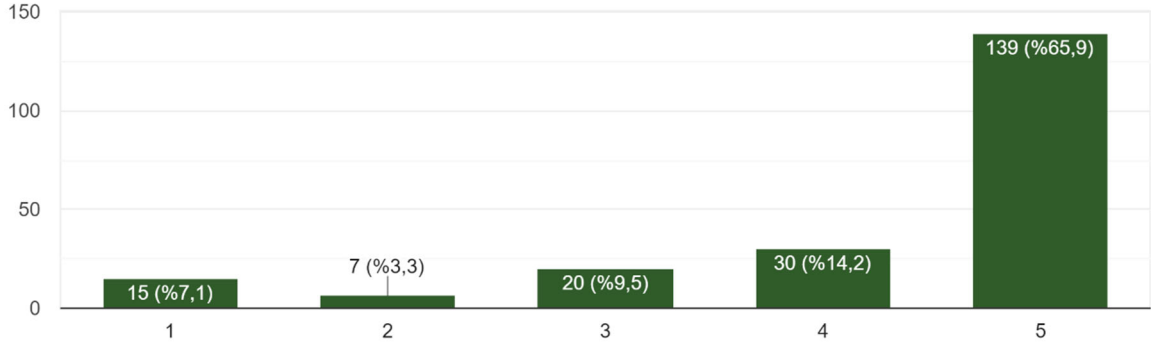


**Graphic 17. THE RATE OF COMFORTABLY/CONFIDENTLY CONVEYING THE NEGATIVE WORKING SITUATIONS ENCOUNTERED OR TO BE ENCOUNTERED IN THE COMPANY**



## Rate of transferring notifications within the scope of Akfen Renewable® Energy Request, Suggestion and Grievance mechanism

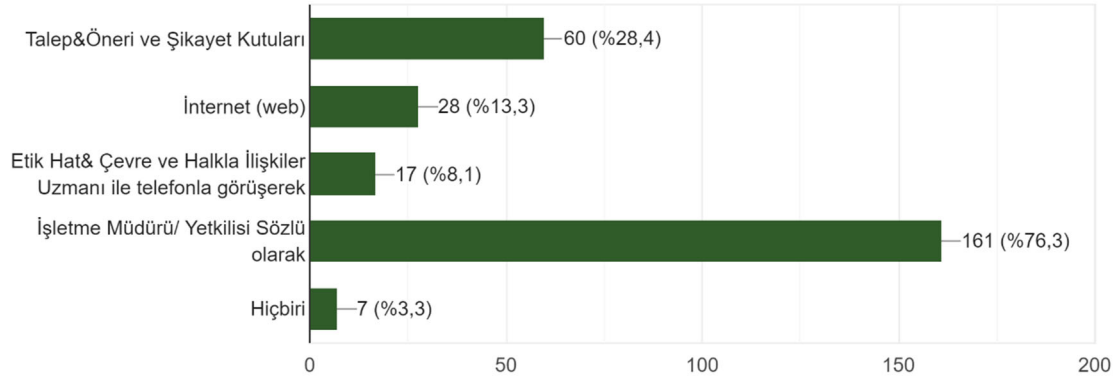
211 yanıt



**Graphic 18. RATE OF TRANSFERRING NOTIFICATIONS WITHIN THE SCOPE OF AKFEN RENEWABLE® ENERGY REQUEST, SUGGESTION AND GRIEVANCE MECHANISM**

## Akfen Renewable® Energy Requests, Suggestions and Complaints

211 yanıt



**Graphic 19. AKFEN RENEWABLE® ENERGY REQUESTS, SUGGESTIONS AND COMPLAINTS**

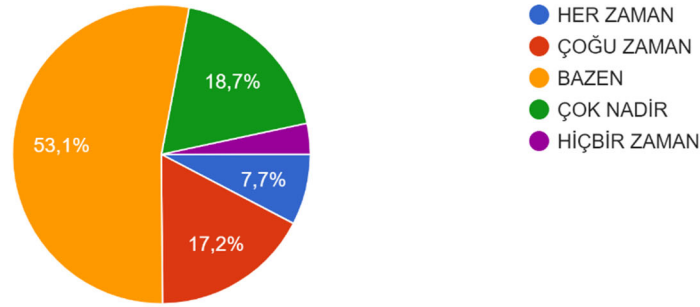




## Employee Stress Level Determination Questionnaire-2021

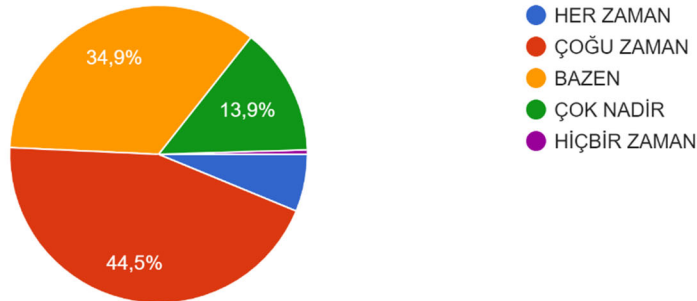
The Employee Stress Level Determination Surveys for 2021 were sent to the mobile phones of all Akfen WPP, GES and HPP plant employees by ENVA MÜHENDİSLİK, a 2nd party monitoring company. During the survey process, it was determined that 209 personnel answered the questionnaire, 175 personnel stated their names and 34 personnel kept their names confidential.

### Rate of thinking that the job requires too much force (effort)



Graphic 20. Rate of thinking that the job requires too much force (effort)

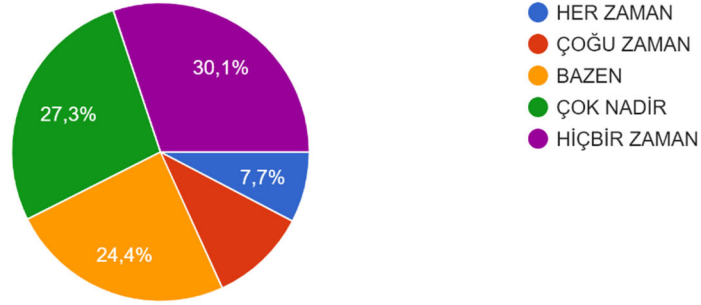
### The rate of finding time to do the desired actions/activities/operations



Graphic 21. The rate of finding time to do the desired actions/activities/operations

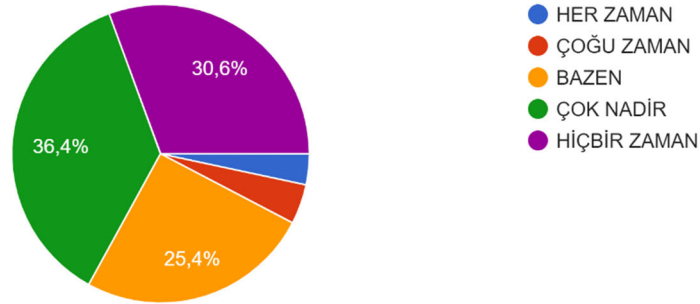


## The rate of encountering undesirable demands/requests in the workplace



Graphic 22. The rate of encountering undesirable demands/requests in the workplace

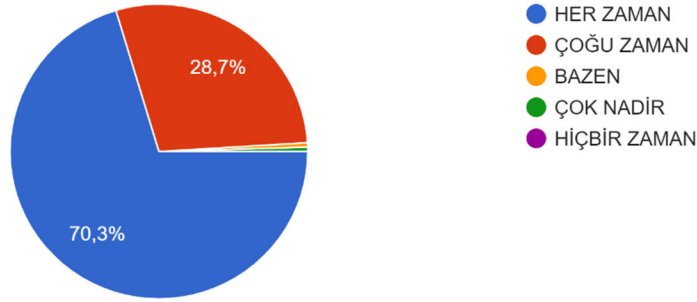
## Rate of feeling irritable or nervous while working



Graphic 23. Rate of feeling irritable or nervous while working

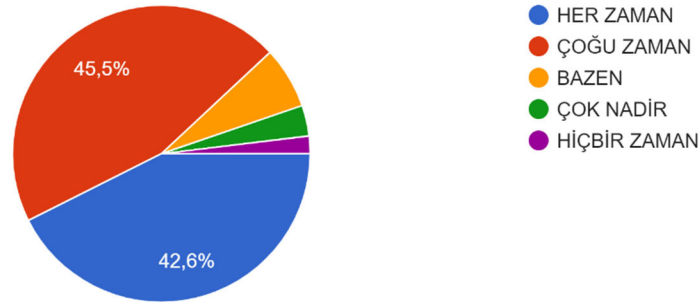


## Rate of getting along with co-workers



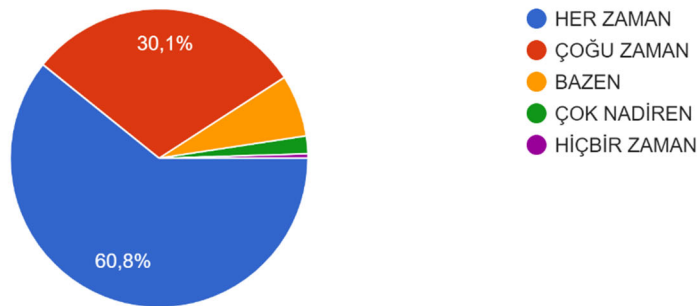
Graphic 24. Rate of getting along with co-workers

## The rate of feeling peaceful while working



Graphic 25. The rate of feeling peaceful while working

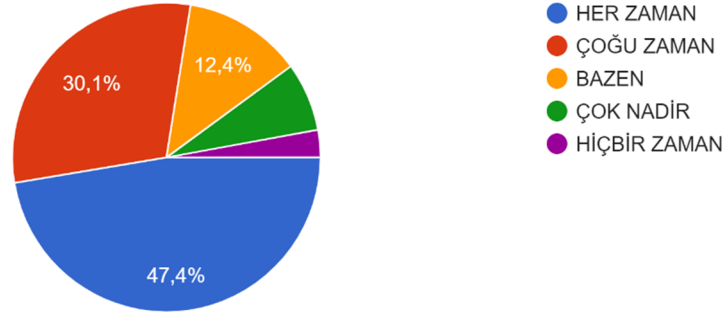
## Rate of getting along with your manager



Graphic 26. Rate of getting along with your manager

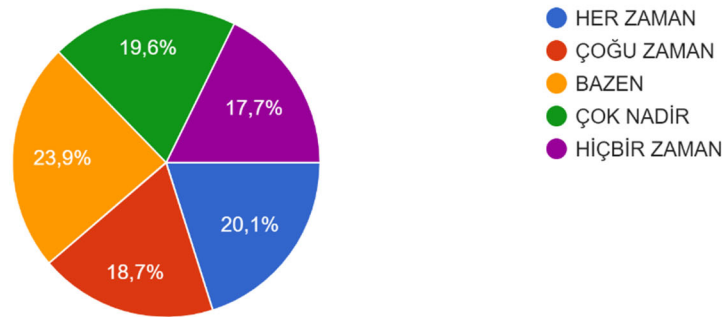


## The rate of feeling understood



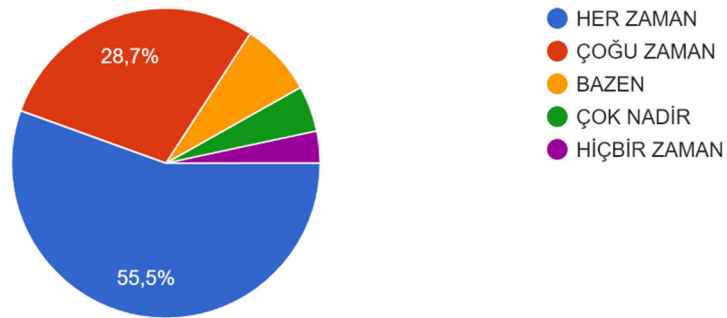
Graphic 27. The rate of feeling understood

## Concern for the future



Graphic 28. Concern for the future

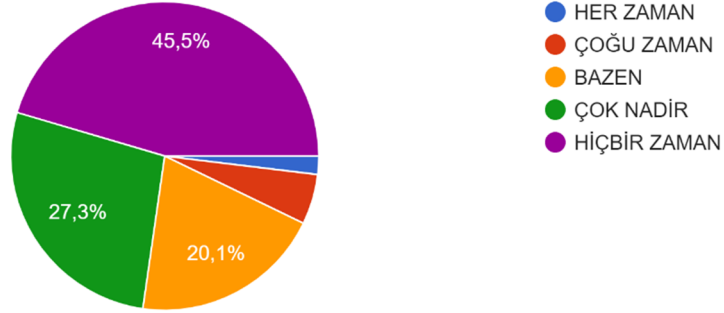
## Rate of feeling safe at work



Graphic 29. Rate of feeling safe at work

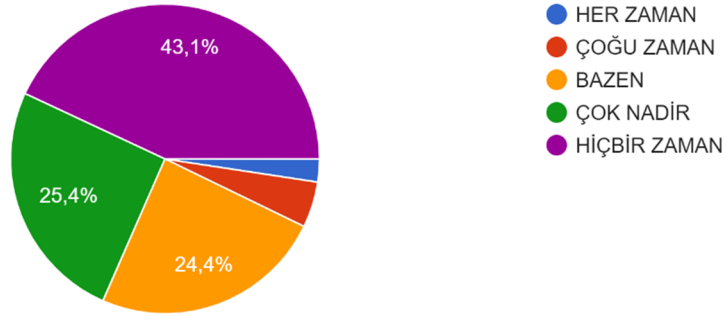


## Rate of thinking that you have turned into a more irritable and nervous person at work



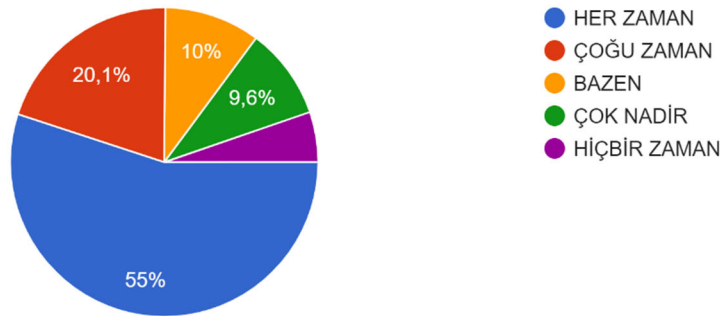
Graphic 30. Rate of thinking that you have turned into a more irritable and nervous person at work

## Rate of feeling lonely at work



Graphic 31. Rate of feeling lonely at work

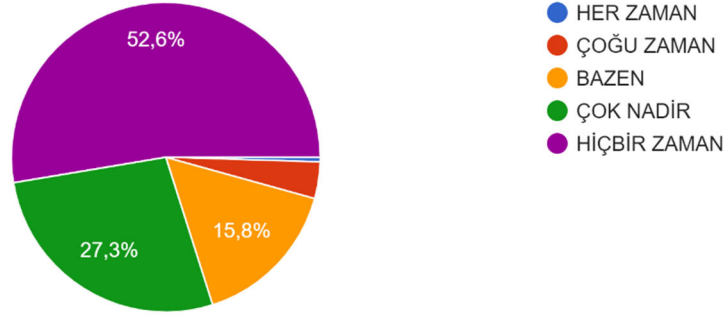
## Rate of thinking that there is ease of communication



Graphic 32. Rate of thinking that there is ease of communication

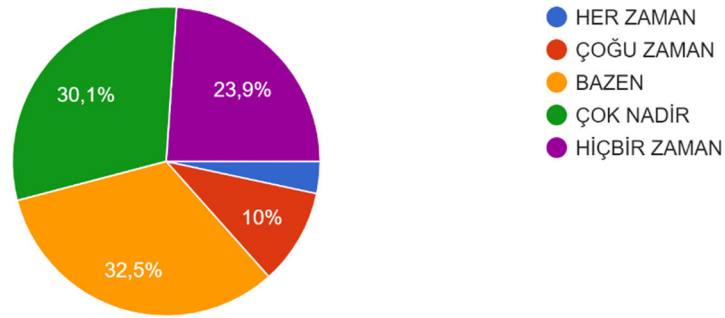


## Rate of being bored or bored at work



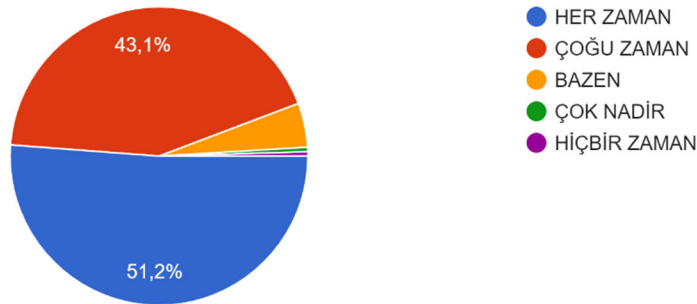
Graphic 33. Rate of being bored or bored at work

## Satisfaction rate from working speed



Graphic 34. Satisfaction rate from working speed

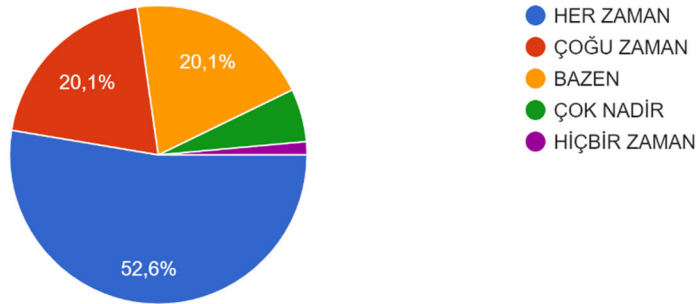
## The rate of feeling adequate in time management



Graphic 35. The rate of feeling adequate in time management

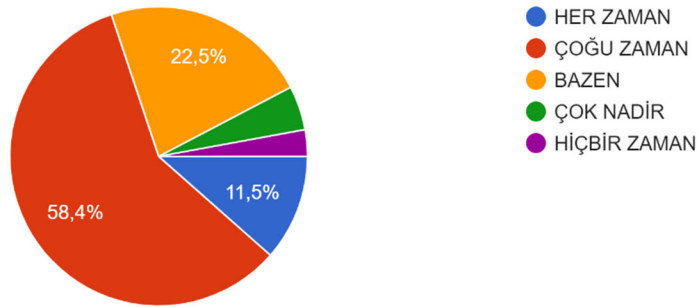


## Education opportunity evaluation



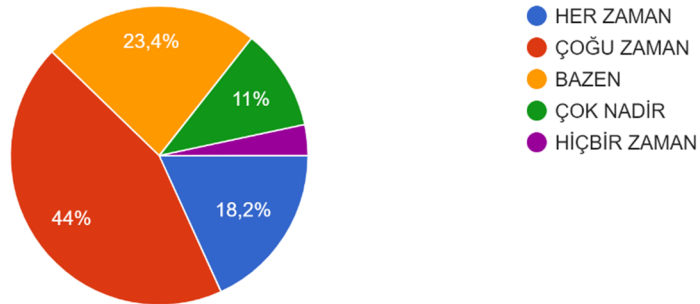
Graphic 36. Education Opportunity Evaluation

## Workplace routine inquiries



Graphic 37. Workplace routine inquiries

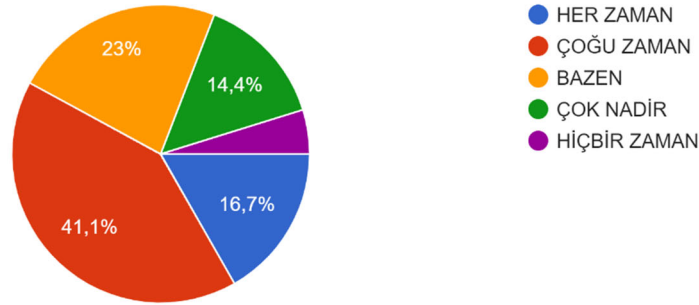
## Doing Business Rate of thinking that they have a choice



Graphic 38. Doing business rate of thinking that they have a choice



## The rate of thinking that they have the right to choose



Graphic 39. The rate of thinking that they have the right to choose

## OCCUPATIONAL HEALTH & SAFETY

Identifying the dangers encountered in practice in terms of Occupational Health and Safety (OHS) during the reporting period, substitution of chemical substances, new controls, etc. Explain the main changes, such as.

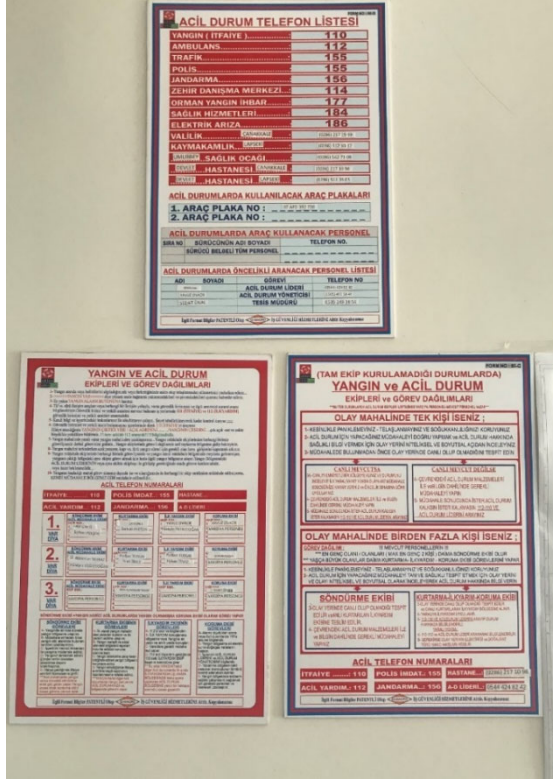
### Identification of the hazard

#### General Implementations

General OHS rules applied at our power plants are described in P10 OCCUPATIONAL HEALTH & SAFETY PROCEDURE, which was revised in 2020. It is mandatory to operate the procedure in question in all our power plants. Assigned OHS Specialists and Occupational Physicians perform monthly field checks within the framework of legal obligations and the aforementioned procedure and record their findings by means of the OCCUPATIONAL SAFETY DETECTION BOOK. The said records; It is created and signed by the OHS Specialist, Workplace Physician, Business Manager and Employee Representative.





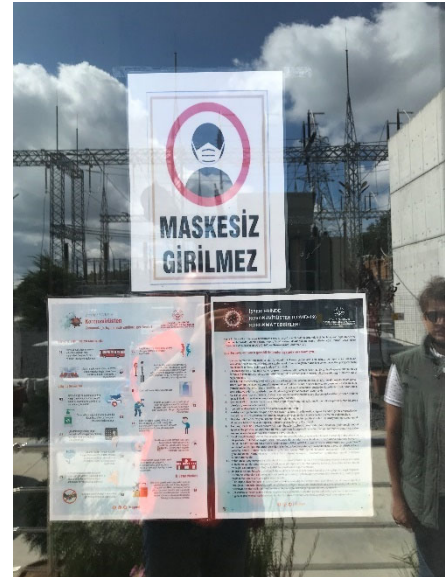
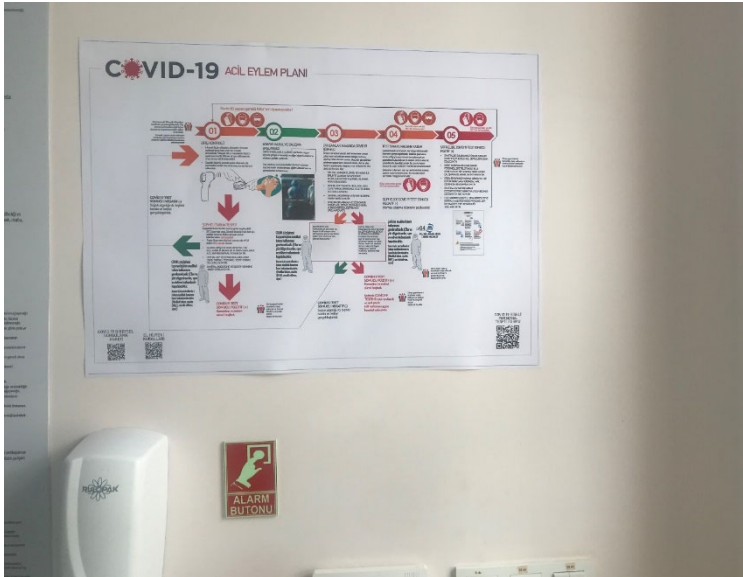


Picture 57.GENERAL OHS WARNING SIGNS APPLIED AT OUR OPERATIONS



## Detection and Identification of Covid-19 Hazards:

OHS Units consisting of OHS Specialists and Occupational Physicians have been established in all our establishments. These OHS Units conduct field visits on a monthly basis, carry out field controls and develop risk analyzes. In this context, especially within the framework of the pandemic process, in each field; Entry and exit controls, periodic sterilization of the environment, personal hygiene and distance, use of wet areas, common devices and equipment, use of vehicles and what to do in case of suspected infection were determined, instructions were prepared and put into operation, trainings were given to all employees and exercises were carried out.



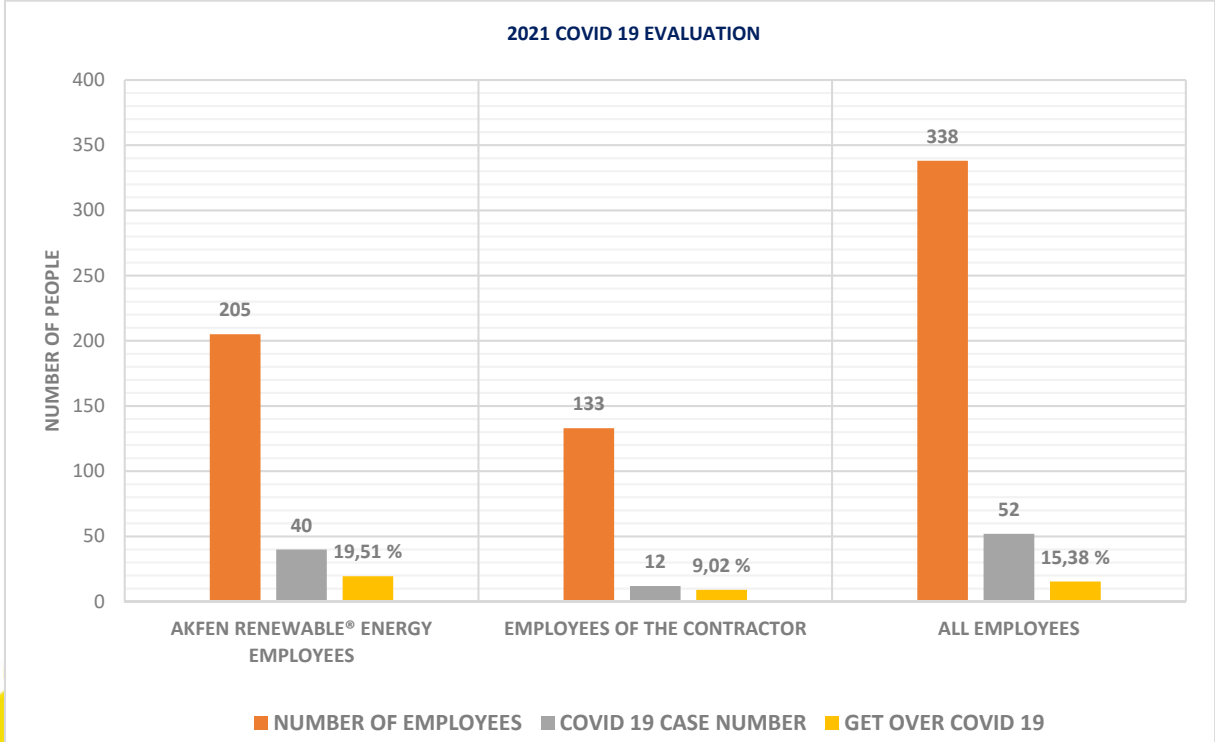
Picture 58. VISUALS OF COVID-19 EMERGENCY PLANS IN OUR BUSINESSES

During the pandemic process, the Covid-19 Information Platform published by the Ministry of Health of the Republic of Turkey is followed, and good practices are applied in our businesses according to the updated EBRD Covid-19 guidelines. As of the preparation date of this report; The treatment of all of our employees, who were quarantined due to Covid-19, has been successfully completed.

Table 31. COVID-19 CASE TRACKING TABLE

Name of plant	2021 COVID-19 CASE TRACKING TABLE											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Akfen Renewable® Energy	0	0	0	1	0	0	0	1	0	0	1	0
DOĞANÇAY HPP	2	0	2	0	0	0	0	0	0	0	1	0
SIRMA HPP	0	0	0	0	0	0	0	0	0	0	0	0
DEMİRCİLER HPP	0	0	0	0	0	0	0	0	1	0	0	0
SEKİYAKA HPP	0	0	0	0	0	0	0	1	1	0	0	0
KAVAKÇALI HPP	0	0	0	0	0	0	0	1	0	1	0	0
YAĞMUR HPP	3	0	1	0	0	0	0	1	0	0	0	0
ÇİÇEKLİ HPP	2	0	0	0	1	0	0	0	0	0	0	0
DORUK HPP	4	0	0	3	0	0	0	1	0	0	0	0
ÇALIKOBASI HPP	2	0	0	1	0	0	0	2	0	0	0	0
GELİNKAYA HPP	1	0	0	1	0	0	0	0	0	0	0	0

2021 COVID-19 CASE TRACKING TABLE												
Name of plant	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SARAÇBENDİ HPP	0	0	0	0	0	0	0	0	0	0	0	0
ÇAMLICA III HPP	0	0	0	0	0	0	0	0	0	0	0	0
OTLUCA HPP	2	0	0	0	0	0	0	0	1	1	0	0
DENİZLİ SPP	0	0	0	0	0	0	0	0	0	0	0	0
ME SE SPP	0	0	0	0	0	0	0	0	0	0	0	0
YAYSUN SPP	0	1	0	0	0	0	0	0	0	0	0	0
SOLENTEGRE SPP	0	0	0	0	0	0	1	0	0	0	0	0
TOKAT SPP	0	0	1	0	0	0	0	0	0	0	1	0
AMASYA SPP	0	0	0	0	0	0	0	0	0	0	1	0
OMICRON SPP	0	1	1	0	0	0	0	0	0	0	0	0
PSİ SPP	0	0	0	1	0	0	1	0	0	0	0	0
MALATYA SPP	0	0	0	0	0	0	0	0	0	0	0	0
HASANOBA WPP	0	0	0	0	0	0	0	0	0	0	0	0
KOCALAR WPP	0	0	1	1	0	0	0	0	0	0	0	0
ÜÇPINAR WPP	0	0	0	1	0	0	0	0	0	0	0	0
DENİZLİ WPP	0	0	0	0	0	0	0	0	0	0	0	0
SAR-DEM WPP	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL (MONTS)	16	2	6	9	1	0	2	7	3	2	4	0
TOTAL (YEARS)											52	0



Graphic 40. AKFEN RENEWABLE® ENERGY COVID-19 CASES

## Substitution of chemicals

Chemical storage sites have been specially considered and evaluated during regular site inspections. In 2021, the focus has been on ensuring that the contents of the Material Safety Data Sheets are understood by the users and that they can be accessed quickly when necessary and requested.

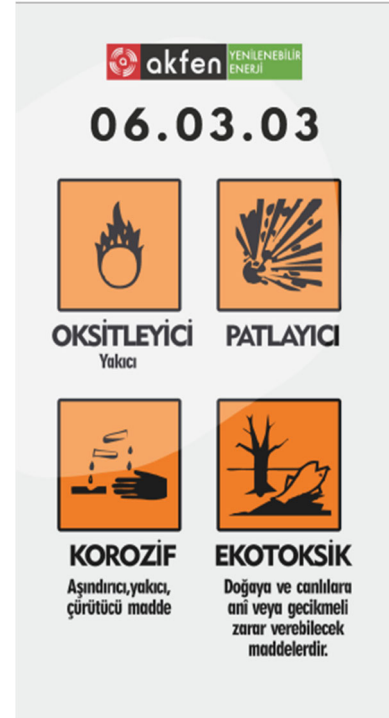
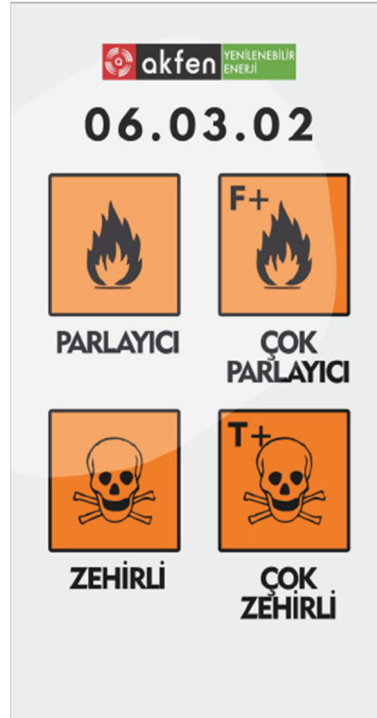



























Figure 29. CONTENT OF CHEMICALS TRAINING

MSDS of chemical materials used in all power plants are available.

Table 32. EXAMPLE OF WASTE CODING-DOĞANÇAY HPP

NO	A.Y.Y. APPENDIX-4 WASTE EWC CODE	A.Y.Y. APPENDIX 4 DEFINITION OF HAZARDOUS WASTE	WASTE TYPE	HAZARD	FIRST AID	DANGER LABEL
1	13 01 13	13 01 13 - Other hydraulic oils	TOTAL AZOLLA ZS 46 SHELL TELLUS S2 M46	<ul style="list-style-type: none"> <li>- Prolonged or repeated exposure of the skin without proper cleaning may cause disorders such as oil acne/folliculitis by closing the pores in the skin.</li> <li>- Used oil may contain harmful contaminants.</li> <li>-Not classified as flammable but flammable.</li> </ul>	<p><b>GENERAL:</b> Not expected to pose a health hazard when used under normal conditions.</p> <p><b>EYELASH:</b> Rinse eyes with plenty of water. If persistent irritation occurs, seek medical attention.</p>	CAUTION 
2	13 02 08	13 03 08 - Other engine, transmission and lubricating oils	SHELL OMALA S4 GX 320 SHELL OMALA S2 G 320 SHELL MORLİNA S2 B 150 SHELL RİMULA R4 15W40	<ul style="list-style-type: none"> <li>- Prolonged or repeated exposure of the skin without proper cleaning may cause disorders such as oil acne/folliculitis by closing the pores in the skin.</li> <li>- Used oil may contain harmful contaminants.</li> <li>-Not classified as flammable but flammable.</li> </ul>	<p><b>SKIN:</b> Remove contaminated clothing. Pour water on the exposed area and continue washing with soap, if any. If persistent irritation occurs, seek medical attention.</p>	CAUTION 
			MOBİL SHC CİBUS 220 MOBİL SHC POLYREX 462	<ul style="list-style-type: none"> <li>-High pressure injection under the skin can cause serious damage.</li> <li>-Low toxicity.</li> <li>-In case of excessive exposure; may irritate eyes, skin or respiratory system.</li> </ul>	<p><b>BREATHING:</b> It does not require treatment under normal use conditions. If symptoms persist, seek medical attention.</p> <p><b>SWALLOWING:</b> Treatment is usually not needed unless large quantities are swallowed, however, seek medical advice.</p>	CAUTION 
			SHELL GADUS S3 V770D SHELL GADUS S3 V220C	<ul style="list-style-type: none"> <li>- Prolonged or repeated exposure of the skin without proper cleaning may cause disorders such as oil acne/folliculitis by closing the pores in the skin.</li> <li>- Used grease may contain harmful contaminants.</li> <li>-Not classified as flammable but flammable.</li> </ul>	<p><b>ADVICE TO THE PHYSICIAN:</b> Administer a treatment according to symptoms.</p>	CAUTION 
3	08 01 11	08 01 11 - Waste paints and varnishes containing organic solvents or other hazardous substances	BOYALAR	<ul style="list-style-type: none"> <li>- Flammable liquid and vapour.</li> <li>- Causes serious eye irritation.</li> <li>- Causes skin irritation.</li> </ul>	<p><b>GENERAL:</b> In case of doubt or symptoms persist seek medical attention. Never give anything by mouth to an unconscious person. If breathing is irregular, drowsiness, unconsciousness or cramps: Call 112 and seek emergency treatment (first aid).</p>	CAUTION 
	08 01 21*	08 01 21* - Paint or varnish remover waste	THINNERS	<ul style="list-style-type: none"> <li>- Flammable liquid and vapour.</li> <li>- Causes serious eye irritation.</li> <li>- Causes skin irritation.</li> </ul>	<p><b>EYE:</b> In case of contact with eyes, rinse with</p>	CAUTION

NO	A.Y.Y. APPENDIX-4 WASTE EWC CODE	A.Y.Y. APPENDIX 4 DEFINITION OF HAZARDOUS WASTE	WASTE TYPE	HAZARD	FIRST AID	DANGER LABEL
					plenty of water (approximately 15 minutes). Check the presence of contact lenses and remove them. If there is blurred vision, swelling, burning or redness in the eye, medical attention should be sought immediately.	   
4	13 07 01*	Fuel-oil and motorine	FUEL-OIL AND MOTORINE	<ul style="list-style-type: none"> <li>- Flammable liquid and vapour. It is fatal if it enters the respiratory tract and is swallowed.</li> <li>- Causes skin irritation.</li> <li>- It is suspected of causing cancer.</li> <li>- May cause damage to organs through prolonged or repeated exposure.</li> <li>- Long lasting, toxic effect in the aquatic environment.</li> <li>- Repeated exposure may cause skin dryness and cracking.</li> </ul>	<p><b>SKIN:</b> Remove contaminated clothing, wash contacted skin with soap and water. (minimum 15 minutes)</p> <p>Do not use any other solvent for cleaning. In case of prolonged contact, wash the skin for a long time with plenty of water. When skin redness, swelling or pain is felt, medical attention should be sought immediately.</p>	<p>CAUTION</p>    
5	20 01 26	oils and fats other than 20 01 26 - 20 01 25	KITCHEN, FRYING OILS	<ul style="list-style-type: none"> <li>- Causes skin irritation.</li> </ul>	<p>In case of prolonged contact, wash the skin for a long time with plenty of water. When skin redness, swelling or pain is felt, medical attention should be sought immediately.</p>	<p>CAUTION</p> 
6	15 01 10	15 01 10 - Packages containing residues of dangerous goods or contaminated with dangerous substances	OIL AND PAINT BUCKETS	<ul style="list-style-type: none"> <li>- Causes skin irritation.</li> </ul>	<p><b>INHALATION:</b> If exposure to vapours, mists or fumes has caused dizziness, headache, blurred vision, irritation of eyes, nose or throat, remove person immediately to fresh air.</p>	<p>CAUTION</p> 
7	15 02 02	15 02 02 - Absorbers, filter materials (oil filters not otherwise specified), cleaning cloths, protective clothing contaminated with hazardous substances	OILY GLANDS, AIR FILTERS	<ul style="list-style-type: none"> <li>- Causes skin irritation.</li> </ul>	<p>Unconscious patients should be placed on their side in a first aid state. Heartbeats should be followed in terms of rhythm disturbances. Breathing should be monitored. In cases where artificial respiration and heart massage are required, it should be intervened by authorized health personnel. Immediate medical attention should be sought.</p>	<p>CAUTION</p> 
8	16 01 07	16 01 07 - oil filters	OIL FILTERS	<ul style="list-style-type: none"> <li>- Causes skin irritation.</li> </ul>	<p>Immediate medical attention should be sought.</p>	<p>CAUTION</p> 
9	20 01 21	20 01 21 - Fluorescent lamps and other mercury-containing waste	FLUORESCENT LAMPS	<ul style="list-style-type: none"> <li>- Toxic by inhalation.</li> <li>- Causes skin irritation.</li> </ul>	<p><b>INGESTION:</b> When ingested, spit immediately and rinse mouth with plenty of water. If swallowed, VOMIT MUST NOT be made artificially, but should be taken to a doctor immediately. In case of vomiting, care should be taken to keep the trachea open and not to get the substance into the trachea. In this case, medical help should be sought immediately. Gastric lavage should only be done by inserting a tube through the trachea.</p>	<p>CAUTION</p>  
10	16 06 01	16 06 01 - leaded batteries	BATTERIES	<ul style="list-style-type: none"> <li>- Sulfuric Acid Hazard</li> <li>- Harmful if inhaled. Causes severe burns.</li> <li>- Can be fatal if swallowed.</li> </ul>	<p>Gastric lavage should only be done by inserting a tube through the trachea.</p>	<p>CAUTION</p>  

NO	A.Y.Y. APPENDIX-4 WASTE EWC CODE	A.Y.Y. APPENDIX 4 DEFINITION OF HAZARDOUS WASTE	WASTE TYPE	HAZARD	FIRST AID	DANGER LABEL
11	20 01 33	-batteries and accumulators under 20 01 33 - 16 06 01, 16 06 02 or 16 06 03 and unclassified mixed batteries and accumulators containing these batteries	BATTERIES	-Potassium Hydroxide Hazard - Causes severe skin burns and eye damage. - Harmful if swallowed	<b>PROTECTION OF FIRST AID PERSONNEL:</b> No action should be taken that involves any personal risk or without proper training. If you suspect that fumes are still present, an appropriate protective mask or self-contained breathing apparatus should be worn. Mouth-to-mouth respiration can be dangerous to the person providing assistance. Before removing contaminated clothing, rinse thoroughly with water or wear gloves.	CAUTION  
12	17 06 03	17 06 03 - Other insulation materials consisting of or containing dangerous substances	VENTILATION INSULATION MATERIALS, ROCK WOOL	- Suspected of causing cancer.	<b>GENERAL:</b> In case of doubt or symptoms persist seek medical attention. Never give anything by mouth to an unconscious person. If breathing is irregular, drowsiness, unconsciousness or cramps: Call 112 and seek emergency treatment (first aid).	CAUTION 
13	08 03 17	08 03 17 - Waste print toners containing hazardous materials	PRINTER CARTRIDGE AND TONERS	- Suspected of causing cancer.		
14	20 01 35	Discarded electrical and electronic equipment containing dangerous parts other than those mentioned in 20 01 21 and 20 01 23	ELECTRIC AND ELECTRONIC	-Lead (Pb): Causes brain damage and reproductive disorders in children. Negative toxic effects on health are known. -Mercury (Hg): It is poisonous even in low doses, it damages the brain and kidneys. -Brominated Flame Retardants (BFR): They significantly affect hormonal functions for normal development. -Phosphorus (P): It is very risky to breathe the dust formed from the broken tube. -Barium (Ba): Short-term exposure to Ba can cause brain swelling, muscle weakness, heart and liver disease. -Chrome 6 (Cr+6): Causes DNA damage and asthmatic bronchitis. -Cadmium (Cd): Cd and its compounds accumulate in the kidney and poison people. It has an effect on brittle bones.		CAUTION 



The application of chemical management in our power plants is exemplified in the photo below.



Picture 59. HAZARDOUS WASTE AREA CHEMICAL MANAGEMENT SAMPLE VISUAL



Picture 60. EXAMPLE OF CHEMICAL STORAGE AREA

In addition to this, the list of enterprises that have made BEKRA<sup>24</sup> declaration is as in the table.

The notifications made pursuant to Article 7 of the Regulation on the Prevention of Major Industrial Accidents and Reducing Their Effects published in the Official Gazette dated 30/12/2013 and numbered 28867 repeated,

<sup>24</sup> BEKRA statement: Statement for Reducing Major Industrial Accident Risks

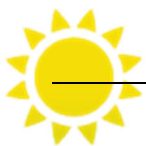


were published in the Official Gazette dated 02.03.2019 and numbered 30702. In 2019, within the scope of Article 7 of the relevant regulation, in all WPP, HPP and SPP power plants; The notifications have been updated based on the highest amount of dangerous goods that are or are likely to be kept at the power plants at any time.

In 2021, storage areas and storage conditions at all facilities were checked by TMGD experts, and the maximum amounts and contents of the chemicals to be stored were re-evaluated and the statements were updated.

**Table 33.2021 BEKRA DECLARATION FACILITIES AND THEIR CHEMICAL QUANTITIES**

Name of plant		FIRST STATEMENT YEAR LAST	DATE OF UPDATE	CATEGORY
1	OTLUCA HPP	2014	2021	Out of scope
2	SIRMA HPP	2014	2021	Out of scope
3	SEKİYAKA HPP	2014	2021	Out of scope
4	DEMİRCİLER HPP	2014	2021	Out of scope
5	KAVAKÇALI HPP	2014	2021	Out of scope
6	GELİNKAYA HPP	2014	2021	Out of scope
7	SARAÇBENDİ HPP	2014	2021	Out of scope
8	ÇAMLICA III HPP	2014	2021	Out of scope
9	DORUK HPP	2014	2021	Out of scope
10	YAĞMUR HPP	2014	2021	Out of scope
11	DOĞANÇAY HPP	2014	2021	Out of scope
12	ÇALIKOBASI HPP	2018	2021	Out of scope
13	ÇİÇEKLİ HPP	2019	2021	Out of scope
14	DENİZLİ HPP PROJECT	2015	2021	Out of scope
15	YAYSUN SPP	2019	2021	Out of scope
16	AMASYA SPP PROJECT	2017	2021	Out of scope
17	TOKAT SPP PROJECT	2017	2021	Out of scope
18	OMICRON ENGİL 208 SPP	2019	2021	Out of scope
19	OMICRON ERCİŞ SPP	2019	2021	Out of scope
20	PSI ENGİL 207 SPP	2019	2021	Out of scope
21	MT DOĞAL SPP	2019	2021	Out of scope
22	ME-SE SPP	2019	2021	Out of scope
23	SOLENTEGRE SPP	2017	2021	Out of scope
24	KARİNE SPP	2018	2021	Out of scope
25	FIRINCI SPP	2020	2021	Out of scope
26	KOCALAR WPP	2019	2021	Out of scope
27	ÜÇPINAR WPP	2019	2021	Out of scope
28	HASANOBA WPP	2019	2021	Out of scope
29	DENİZLİ WPP	2019	2021	Out of scope
30	SARITEPE WPP	2020	2021	Out of scope
31	DEMİRCİLER WPP	2020	2021	Out of scope



## Controls

All power plants, with the exception of the assigned OHS Specialist and Workplace physicians; Audited by 2nd & 3rd party inspection companies. 2nd party audits are carried out by Enva Engineering at regular intervals within the framework of ESAP and Integrated Management System requirements.



Figure 30. ENVA ENGINEERING SITE OBSERVATION REPORT SAMPLE OF SAR-DEM WPP AND DENIZLI WPP AREAS

3rd party audits are carried out once a year within the framework of the OHSAS 18001, EN ISO 45001 standard

In addition, at the entrance of external personnel to AKFEN Renewable® Energy HPP, SPP and WPP operation sites, the personnel who will enter the field and the documents belonging to the company are requested first by the field manager. The documents provided are forwarded to ENVA Mühendislik, which is a 2nd party inspection company, for site entrance approval. After ENVA Mühendislik evaluates the validity and suitability of the documents, it notifies the power plant manager if there are missing or incorrect documents. The power plant manager notifies the missing and faulty documents to the personnel and company that will enter the field, and sends them back to ENVA Mühendislik after obtaining them. At the end of the control process carried out by the 2nd party audit firm ENVA Mühendislik, all personnel involved in the process receive SA8000 and internal auditor training, field entry approval is given via e-mail. After approval, controlled field entrance is performed under the supervision of the power plant manager.



**Provide workplace surveillance data, including thermal compatibility (temperature, humidity), noise, lighting, made in this reporting period.**

## Workplace Surveillance Data

In accordance with the Regulation on Occupational Hygiene Measurement, Test and Analysis Laboratories, occupational hygiene measurements should be repeated simultaneously with the renewal of risk analyzes prepared on the basis of workplace hazard class.

In this context, temperature-humidity (thermal comfort), personal noise, ambient noise and lighting measurements are made every 2 years, since our businesses are in the category of very dangerous workplaces. Measurements completed in 2021 are given in **Annex-05**.

**Table 34. LIST OF SCOPE AND MEASUREMENT DATES FOR 2021 OCCUPATIONAL HYGIENE MEASUREMENTS**

NAME OF PLANT	NAME OF FIRM	LIGHTING	THERMAL COMFORT	ENVIRONMENTAL NOISE	NOISE EXPOSURE
OTLUCA HPP	TETRATEST ÖLÇÜM İSG	23.06.2021	23.06.2021	23.06.2021	23.06.2021
SIRMA HPP	TETRATEST ÖLÇÜM İSG	18.06.2021	18.06.2021	18.06.2021	18.06.2021
SEKIYAKA HPP	TETRATEST ÖLÇÜM İSG	16.06.2021	16.06.2021	16.06.2021	16.06.2021
DEMİRCİLER HPP	TETRATEST ÖLÇÜM İSG	17.06.2021	17.06.2021	17.06.2021	17.06.2021
KAVAKÇALI HPP	TETRATEST ÖLÇÜM İSG	16.06.2021	16.06.2021	16.06.2021	16.06.2021
GELİNKAYA HPP	TETRATEST ÖLÇÜM İSG	18.06.2021	18.06.2021	18.06.2021	18.06.2021
SARAÇBENDİ HPP	TETRATEST ÖLÇÜM İSG	22.06.2021	22.06.2021	22.06.2021	22.06.2021
ÇAMLICA III HPP	TETRATEST ÖLÇÜM İSG	30.06.2021	30.06.2021	30.06.2021	30.06.2021
DORUK HPP	TETRATEST ÖLÇÜM İSG	17.06.2021	17.06.2021	17.06.2021	17.06.2021
YAĞMUR HPP	TETRATEST ÖLÇÜM İSG	17.06.2021	17.06.2021	17.06.2021	17.06.2021
DOĞANÇAY HPP	TETRATEST ÖLÇÜM İSG	24.06.2021	24.06.2021	24.06.2021	24.06.2021
ÇALIKOBASI HPP	TETRATEST ÖLÇÜM İSG	16.06.2021	16.06.2021	16.06.2021	16.06.2021
ÇİÇEKLİ HPP	TETRATEST ÖLÇÜM İSG	18.06.2021	18.06.2021	18.06.2021	18.06.2021
ME-SE SPP	TETRATEST ÖLÇÜM İSG	02.07.2021	02.07.2021	02.07.2021	02.07.2021
YAYSUN SPP	TETRATEST ÖLÇÜM İSG	25.06.2021	25.06.2021	25.06.2021	25.06.2021
DENİZLİ SPP	TETRATEST ÖLÇÜM İSG	21.06.2021	21.06.2021	21.06.2021	21.06.2021
OMICRON SPP	TETRATEST ÖLÇÜM İSG	24.06.2021	24.06.2021	24.06.2021	24.06.2021
PSİ SPP	TETRATEST ÖLÇÜM İSG	24.06.2021	24.06.2021	24.06.2021	24.06.2021
SOLENTGRE SPP	TETRATEST ÖLÇÜM İSG	19.06.2021	19.06.2021	19.06.2021	19.06.2021
AMASYA SPP	TETRATEST ÖLÇÜM İSG	15.06.2021	15.06.2021	15.06.2021	15.06.2021
TOKAT KUŞOTURAĞI SPP	TETRATEST ÖLÇÜM İSG	15.06.2021	15.06.2021	15.06.2021	15.06.2021
IOTA FIRINCI SPP	TETRATEST ÖLÇÜM İSG	21.06.2021	21.06.2021	21.06.2021	21.06.2021
DENİZLİ WPP	TETRATEST ÖLÇÜM İSG	17.06.2021	17.06.2021	17.06.2021	17.06.2021
HASANOBA WPP	TETRATEST ÖLÇÜM İSG	28.07.2021	28.07.2021	28.07.2021	28.07.2021
KOCALAR WPP	TETRATEST ÖLÇÜM İSG	27.07.2021	27.07.2021	27.07.2021	27.07.2021
ÜÇPINAR WPP	TETRATEST ÖLÇÜM İSG	27.07.2021	27.07.2021	27.07.2021	27.07.2021
SAR-DEM WPP	TETRATEST ÖLÇÜM İSG	29.06.2021	29.06.2021	29.06.2021	29.06.2021



Lifting equipment, pressure vessels, lifelines installed in power plants in 1-year periods; electrical installations, grounding installations, lightning rods, transformer, generator, battery rooms are inspected and reported once a year. The list of periodic inspection works in question is given below.

**Table 35. TEST INSPECTION DATES**

		TYPES OF TEST INSPECTION					
		LIFTING EQUIPMENT	PRESSURE VESSELS	LIFE LINES	FITTING	GROUNDING	LIGHTNING ROD
01	OTLUCA HPP	22.09.2021- 22.09.2022	22.09.2021- 22.09.2022	22.09.2021- 22.09.2022	13.09.2021- 13.09.2022	27.08.2021- 27.08.2022	27.08.2021- 27.08.2022
02	SIRMA HPP	25.09.2021- 25.09.2022	25.09.2021- 25.09.2022	25.09.2021- 25.09.2022	20.08.2021- 20.08.2022	20.08.2021- 20.08.2022	20.08.2021- 20.08.2022
03	SEKİYAKA HPP	27.09.2021- 27.09.2022	27.09.2021- 27.09.2022	27.09.2021- 27.09.2022	20.09.2021- 20.09.2022	20.09.2021- 20.09.2022	20.09.2021- 20.09.2022
04	DEMİRCİLER HPP	26.09.2021- 26.09.2021	26.09.2021- 26.09.2022	27.09.2021- 27.09.2022	05.09.2021 -05.09.2022	05.09.2021 -05.09.2022	05.09.2021 -05.09.2022
05	KAVAKÇALI HPP	01.08.2021- 01.08.2022	01.08.2021- 01.08.2022	01.08.2021- 01.08.2022	01.10.2021- 01.10.2022	01.10.2021- 01.10.2022	01.10.2021- 01.10.2022
06	GELİNKAYA HPP	4.10.2021- 4.10.2022	4.10.2021- 4.10.2022	4.10.2021- 4.10.2022	23.03.2021- 23.03.2022	20.09.2021- 20.09.2022	20.09.2021- 20.09.2022
07	SARAÇBENDİ HPP	20.09.2021- 20.09.2022	20.09.2021- 20.09.2022	20.09.2021- 20.09.2022	29.03.2021- 29.03.2022	29.03.2021- 29.03.2022	29.03.2021- 29.03.2022
08	ÇAMLICA III HPP	30.09.2021- 30.09.2022	30.09.2021- 30.09.2022	30.09.2021- 30.09.2022	30.09.2021- 30.09.2022	23.08.2021- 23.08.2022	23.08.2021- 23.08.2022
09	DORUK HPP	25.03.2021- 25.03.2022	25.03.2021- 25.03.2022	25.03.2021- 25.03.2022	25.03.2021- 25.03.2022	16.08.2021- 16.08.2022	16.08.2021- 16.08.2022
10	YAĞMUR HPP	13.10.2021- 13.10.2022	13.10.2021- 13.10.2022	13.10.2021- 13.10.2022	17.09.2021- 17.09.2022	17.09.2021- 17.09.2022	17.09.2021- 17.09.2022
11	DOĞANÇAY HPP	24.09.2021- 24.09.2022	24.09.2021- 24.09.2022	24.09.2021- 24.09.2022	2.11.2021- 2.11.2022	2.11.2021- 2.11.2022	2.11.2021- 2.11.2022
12	ÇALIKOBASI HPP	21.05.2021- 21.05.2022	21.05.2021- 21.05.2022	14.10.2021- 14.10.2022	15.07.2021- 15.07.2022	15.07.2021- 15.07.2022	15.07.2021- 15.07.2022
13	ÇİÇEKLI HPP	20.05.2021- 20.05.2022	20.05.2021- 20.05.2022	20.05.2021- 20.05.2022	20.05.2021- 20.05.2022	2.12.2020- 2.12.2021	2.12.2020- 2.12.2021
14	DENİZLİ SPP PROJECT	-	-	-	08.12.2020- 08.12.2021	09.08.2021- 09.08.2022	09.08.2021- 09.08.2022
15	YAYSUN SPP	-	-	-	16.08.2021- 16.08.2022	23.06.2021- 23.06.2022	23.06.2021- 23.06.2022
17	AMASYA SPP PROJECT	-	-	-	30.12.2020- 30.12.2021	31.12.2020- 31.12.2021	22.06.2021- 22.06.2022
18	TOKAT SPP PROJECT	-	-	-	24.06.2021 24.06.2022	24.06.2021- 24.06.2022	-
19	OMİCRON SPP	1.10.2021- 1.10.2022	-	-	1.10.2021- 1.10.2022	10.11.2020- 10.11.2021	10.11.2020- 10.11.2021
20	PSI SPP	1.10.2021- 1.10.2022	-	-	1.10.2021- 1.10.2022	10.11.2020- 10.11.2021	10.11.2020- 10.11.2021
21	MT DOĞAL SPP	-	-	-	16.08.2021- 16.08.2022	23.06.2021- 23.06.2022	23.06.2021- 23.06.2022
22	ME-SE SPP	-	-	-	21.01.2021- 21.01.2022	27.11.2020- 27.11.2021	27.11.2020- 27.11.2021
23	SOLENTGRE SPP	-	-	-	20.10.2021- 20.10.2022	20.10.2021- 20.10.2022	20.10.2021- 20.10.2022
26	FIRINCI SPP	6.08.2021- 6.08.2022	-	-	6.08.2021- 6.08.2022	18.06.2021- 18.06.2022	18.06.2021- 18.06.2022
27	KOCALAR WPP	9.03.2021- 9.03.2022	27.05.2021- 27.05.2022	-	3.04.2020- 3.04.2021	29.03.2021- 29.03.2022	29.03.2021- 29.03.2022
28	ÜÇPINAR WPP	9.03.2021- 9.03.2022	27.05.2021- 27.05.2022	-	15.10.2021- 15.10.2022	30.03.2021- 30.03.2022	30.03.2021- 30.03.2022
29	HASANOBA WPP	27.05.2021- 27.05.2022	7.10.2021- 7.10.2022	-	5.03.2021- 5.03.2022	30.04.2021- 30.04.2022	30.04.2021- 30.04.2022
30	DENİZLİ WPP	9.03.2021- 9.03.2022	22.06.2021- 21.06.2022	-	09.03.2021- 09.03.2022	30.03.2021- 30.03.2022	30.03.2021- 30.03.2022
31	SAR-DEM WPP	4.11.2021- 4.11.2022	25.05.2021- 25.05.2022	-	25.05.2021- 25.05.2022	23.03.2021- 23.03.2022	23.03.2021- 23.03.2022

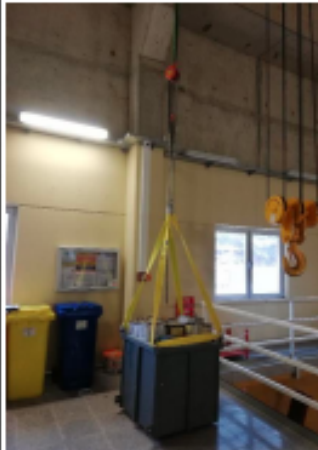

DENGE MÜHENDİSLİK VE DANIŞMANLIK		CARASKAL Periyodik Kontrol Raporu			
İstiklal Mahallesi 340 Sokak No: 9 / C2 SERDİVAN SAKARYA		Tel : 0.536 213 15 97 muratkonuk7007@gmail.com			
Firma Adı	H.H.K.ENERJİ ELEKTRİK ÜRETİM AŞ.ÇALIĞOBASI HES.	İşletme Yeri / No	GK / C1		
Adresi	Bydıryık Mahallesi, Tandır Köyü, Kovankik Beldesi Bulancak GİRESUN	Ervarter No	ENV NO : 98.01		
Tel.	www	Kontrol Rapor Tarihi	21.05.2021		
Faks	e-posta	Rapor No	2021.05.21.08		
<b>TEKNİK ÖZELLİKLER</b>					
Markası	BSN	İmal yılı	2017	Seri no	221266
Kaldırma kapasitesi (kg)	1000	Kaldırma yük. (m)	5	Tipi	HS 1T
İşletme kapasitesi (kg)	1000	Test ağırlığı (kg)	1250		
	Yük Zinciri	Tahrik Zinciri	Elektrik Motoru	Yük Zinciri	Tahrik Zinciri
Uzunluğu (m)		Marka	Kapasite (DIN766) (kg)		
Bakla tel çapı (mm)	6	Tip		Yük Kancası	Askı Kancası
Bakla iç genişliği (mm)		Seri no	Tipi		
Bakla iç uzunluğu (mm)	18	Gücü	Kanca sapı çapı (mm)	.....	.....
% Uzama miktar	0	Devri	Kanca iç çapı (mm)	36	36
<b>TEST ve KONTROLLER</b>					
Önceki periyodik kontrol raporu var mı ? Eksikler giderilmiş mi ?	EYET / EYET				
Uyarı ve kullanım talimatı levhaları durumu	UYGUN				
Yük ve askı kancaları durumu	UYGUN				
Caraskalin yapısı ve bağlantı elemanlarının durumu	UYGUN				
Elektrikli caraskal elektrik ekipmanları, frenler ve kumanda sistemleri durumu	----				
Elektrikli caraskal kumanda buton durumu	----				
Korozyona karşı önlem durumu	EYET				
Güvenlik mandalları ve kumanda kablosu kilevuz teli durumu	UYGUN				
Zincirlerin aşınma ve deformasyon durumu	UYGUN				
Yük zinciri sınır kesici durumu	UYGUN				
Yük zinciri boyu kaldırma yüksekliğine göre durumu	UYGUN				
Yük ve tahrik zinciri çarklarının yuvaları ve yuva yerleştirme durumu	UYGUN				
Caraskal çalışması aydınlatma durumu	UYGUN				
Yük-tahrik zincirleri ve yük kancası-yük zinciri bağlantıları durumu	UYGUN				
LYüksüz hareket durumu	UYGUN				
II. 1250....kg yükte kaldırma-durdurma durumu	UYGUN				
III. 1100....kg yükte indirme-durdurma durumu	UYGUN				
IV. 1100....kg yükte hareket-durdurma durumu	UYGUN				
Makina sicil kartı, bakım-onarım ve periyodik kontrol dosyaları uygun mu?	UYGUN				
		Yük Kancası	Askı Kancası		
Deney öncesi ağız açıklığı (mm) / Deney sonrası ağız açıklığı (mm)		25 / 25	25 / 25		
<b>NOTLAR VE ÖNERİLER:</b>					
1-)					
2-)					
<b>SONUÇ: Yukarıda kontrol tarihinde teknik özellikleri belirtilen CARASKAL'ın kullanımında sakınca yoktur. Bir sonraki kontrol tarihi 21.09.2021 'dir.</b>					
Kontrolü Yapan Yetkili Makina Mühendisinin			İMZA		
Adı, Soyadı	MURAT KONUK		 Bu belge MURAT KONUK tarafından e-imza ile imzalanmıştır.		
Oda Sicil No	41075				
Yetki Belge No	K20003189				
Test Esnasında kullanılan Ekipmanlar : KMP 02 , SPM 01 Referans : 25 Nisan 2013 tarihinde, 28628 sayı numarası ile Resmî Gazete'de yayımlanan "İç Ekipmanlarının Kullanımında Sağlık ve Güvenlik Şartları Yönetmeliği" Akla Bulunan Standartlar : TS EN 818-4 + A1, TS EN ISO 13534, TS ISO 7502, TS EN 13157-A1 Bu Rapor dijital ortamda 2 nüsha olarak ( excel – pdf ) saklanmaktadır.					

Figure 31. EXAMPLE OF LIFTING SYSTEM TEST REPORT


**DENGE**  
MÜHENDİSLİK VE DANIŞMANLIK

**Merdiven**  
Periyodik Kontrol Raporu

İskali Mah. 340 Sk. No : 9 C2 Sardinia / SAKARYA

Tel : 0 536 213 15 97


muratkonusuk@gmail.com

Firma Adı	H.H.K. ENERJİ ELEKTRİK ÜRETİM A.Ş.	Ekipmanın Bulunduğu Yer	HES 2
Adresi	Brydylik Mahallesi, Tandır Köyü, Kovank Beldesi Bulancak GİRESUN	Kontrol Tarihi	21.05.2021
Tel.		Rapor No	2021.05.21.45
Faks			

## TEKNİK ÖZELLİKLER

Markası	SEÇKİN
İmal Yılı	İAG 150 ( 2 * 17 BASAMAK )
Tipi	İKİ PARÇALI MERDİVEN
Seri No	---
Taşıma Kapasitesi	150 Kg
Yüksekliği	2 * 5 m

## TEST ve KONTROLLER

Önceki periyodik kontrol raporu var mı? Eksikler giderilmiş mi?	İLK KONTROL	
Gözle Muayene ( Merdivenin Genel Durumu )	UYGUN	
Güvenlikle İlgili Uyarıcı Levha ve Tabelaların Durumu	UYGUN	
Basamakların Kontrolü	UYGUN	
Basamakların Kaymazlığı	UYGUN	
Bağlantı Noktaları ve Bağlantı Elemanlarının Kontrolü	UYGUN	
300 cm' üzerindeki merdivenler de denge ayağı	UYGUN DEĞİL	
Son 2 basamak ve alet rafı işaretlemesi	---	
Kilitleme tertibatları	UYGUN	
Merdiven ayak pabuçlarının ve üst profil takozlarının eksik, gevşek, aşınmış, yıpranmış, aşınmış veya hasar durumu	UYGUN	
Fonksiyonel Test	UYGUN	

## NOTLAR ve ÖNERİLER:

- 1-) Denge Ayağı Monte edilmeli .
- 2-)
- 3-)
- 4-)
- 5-)

**SONUÇ:** Yukarıda teknik özellikleri belirtilen Merdiven ' in mevcut şartlar altında, öneriler yerine getirilmeden ön koşulluyla kullanılmasında sakınca yoktur. Bir sonraki kontrol tarihi 21.09.2021 'dir.

Kontrolü Yapan		İMZA / ONAY	
Adı, Soyadı	MURAT KONUK Makina Mühendisi	 Bu belge MURAT KONUK tarafından e-imza ile imzalanmıştır.	
Öda Sicil No	411075		
Yetki belge No	K20003189		


Test Envanterinde Kullanılan Ekipmanlar: SR 01

Referans : 25 Nisan 2013 tarihinde, 28628 sayılı numaras ile Resmi Gazete'de yayımlanan "İç Ekipmanlarının Kullanımında Sağlık ve Güvenlik Şartları Yönetmeliği"

Atılma Belirtilen Standartlar : TS EN 131,

Bu Rapor dijital ortamda 2 nüsha olarak (excel - pdf ) saklanmaktadır.


**Figure 32. EXAMPLE OF HORIZONTAL-VERTICAL LIFELINE INSPECTION REPORT**



**DENGE**  
**MÜHENDİSLİK VE DANIŞMANLIK**

**Hava Tankı**  
**Periyodik Kontrol Raporu**

---

İstiklal Mahallesi 340 Sokak No: 9 C2  
SERDİVAN SAKARYA


Tel : 0 538 213 15 97

www.dengeykt.com

Firma Adı	H.H.K. ENERJİ ELK. ÜRETİM A.Ş. ÇALIKOBASI HES.	İşletme Yeri / No	HAVA TANKI HT 01 / 94.01
Adresi	BULANCAK GİRESUN	Kontrol Tarihi	21.05.2021
Tel.		Rapor No	2021.05.21.25
Faks			

TEKNİK ÖZELLİKLER			
Markası	ZHONGWEI	İşletme basıncı (kg/cm <sup>2</sup> )	8
İmal Yılı	2009	Dizayn Basıncı / Test Basıncı (kg/cm <sup>2</sup> )	10
Seri No	00305 / 2009105	Manometre	( 0 - 16 )
Kapasite	50 lt	Emniyet ventili açma basıncı (kg/cm <sup>2</sup> )	11

TEST ve KONTROLLER	
Önceki periyodik kontrol raporu durumu?	EYET / UYGUN
Tank üzerinde manometreler çalışma basıncının en az iki katı ve kırmızı çizgi ile işaretli olmalı ve kolayca okunabilecek büyüklükte olmalıdır.	EYET / UYGUN
Tank üzerinde emniyet ventili İşletme basıncının 1.1 katına ayarlı olmalı ve doğrudan doğruya tank üzerinde dik açıyla takılı olmalıdır.	UYGUN
Basınç Ayar Otomatığı çalışıyor ve uygun mu?	UYGUN
Drenaj vanası çalışıyor ve uygun mu?	EYET
Hava Tankı girişinde çekvalf var mı, çalışıyor mu?	EYET
Hava Tankı patlamalara karşı dayanıklı bölmede mi?	UYGUN
Tank üzerinde bir noktada ikiden fazla kesilen kaynak dikisi olmamalı.	UYGUN
Tank üzerinde yama kaynağı olmamalı	UYGUN
Tank yüzeylerinde eziklik, çarpıklık olmamalı . Tank matzemesinde çapak, kalımlar gibi matzeme kusurları olmamalıdır.	UYGUN
Tank korozyona karşı korunmalı olmalıdır.	UYGUN
Tankın et kalınlığında azalma var mı?	HAYIR



HİDROSTATİK TEST	
Tankın bütün bağlantıları kapatıldı, ..... su ile ..... basınçta .....dakika deney altında tutuldu. Tankta deformasyon ve sızıntılar olmadığı görüldü.	


TAHRİBATSIZ TESTLER	
Hava tankı işletme koşullarından dolayı hidrostatik basınç testi uygulanamamıştır. 25 Nisan 2013 tarihli 28628 sayılı resmi gazetede yayınlanan İş Ekipmanlarının Kullanımında Sağlık ve Güvenlik Şartları Yönetmeliği, Ek-III 2. Bölüm Periyodik kontrole tabii iş ekipmanları ; Basıncılı kap ve tesisatlar, 2.1.1'e göre tankta aşağıda belirtilen tahribatsız test yöntemleri ile kontroller gerçekleştirilmiştir.	

KALINLIK ÖLÇÜMÜ İLE ÖLÇÜLEN TANK KALINLIKLARI (mm )	
Gövde : 4,0 - 4,1 - 4,0	SOL BOMBE : 4,0 - 4,1 - 4,0 SAĞ BOMBE : 4,0 - 4,1 - 4,0

**NOTLAR VE ÖNERİLER:**

1-)  
2-)

**SONUÇ:** Yukarıda kontrol tarihinde teknik özellikleri belirtilen HAVA TANKI'nın kullanımında sakınca yoktur.  
Bir sonraki kontrol tarihi 21.09.2021'dir.

Kontrolü Yapan Yetkili Makina Mühendisinin		İMZA
Adı, Soyadı	MURAT KONUK	 Bu belge MURAT KONUK tarafından e-izma ile imzalanmıştır.
Oda Sicil No	41075	
Yetki Belge No	K20003189	

Test Eteninde kullanılan Ekipmanlar : M=01  
Referans : 25 Nisan 2013 tarihinde, 28628 sayı numarası ile Resmi Gazetede yayınlanan "İş Ekipmanlarının Kullanımında Sağlık ve Güvenlik Şartları Yönetmeliği"  
Atina Bulunulan Standartlar : TS 1203, EN 286-1, TS EN 1012-1:2010, TS EN 13445-5  
Bu Rapor dijital ortamda 2 nüsha olarak ( excel - pdf ) saklanmaktadır.

Figure 33. GÖRSEL EXAMPLE OF PRESSURE VESSEL/AIR TANK INSPECTION

**Occupational Health and Safety Indicators. Provide separate tables for each site or institutional level as necessary. Report the total numbers for each parameter.**

## Occupational Health and Safety Indicators

The OHS statistics of the last 3 years for the directly employed employees and contractor company employees are given in the table below, considering the total number of employees, annual working hours, number of lost time work accidents, number of work accident lost work days and total number of deaths.

**Table 36.OHS STATISTICS**

PARAMETERS		2021		2020		2019	
		DIRECT EMPLOYEE	EMPLOYEES OF THE CONTRACTOR	DIRECT EMPLOYEE	EMPLOYEES OF THE CONTRACTOR	DIRECT EMPLOYEE	EMPLOYEES OF THE CONTRACTOR
TOTAL NUMBER OF EMPLOYEES	EMPLOYEE	205	133	204	268	211	675
ANNUAL WORKING TIME <sup>1</sup>	EMPLOYEE x HOUR	481.545	312.417	407.340	589.600	508.088	1.625.400
NUMBER OF LOST-TIME WORK ACCIDENTS	NAME/YEAR	0	0	0	1	0	5
NUMBER OF LOST WORK DAYS AT WORK ACCIDENTS	DAY/YEAR	0	0	0	10	0	94
TOTAL NUMBER OF DEATH	NAME/YEAR	0	0	0	0	0	0

The annual lost time accident rate and total recordable incident rate coefficients for the directly employed employees for the years 2015-2021 are given in the table below.

**Table 37.ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES**

	DIRECT EMPLOYEE						
	2021	2020	2019	2018	2017	2016	2015
TRIR <sup>25</sup>	0,42	0,49	0,00	0,00	0,00	0,00	0,00
LTIR <sup>26</sup>	0	0,00	0,00	0,00	0,00	0,00	0,00

The annual lost time accident rate and total recordable incident rate coefficients for the employees of the contractor company for the years 2015-2021 are given in the table below.

**Table 38.ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES**

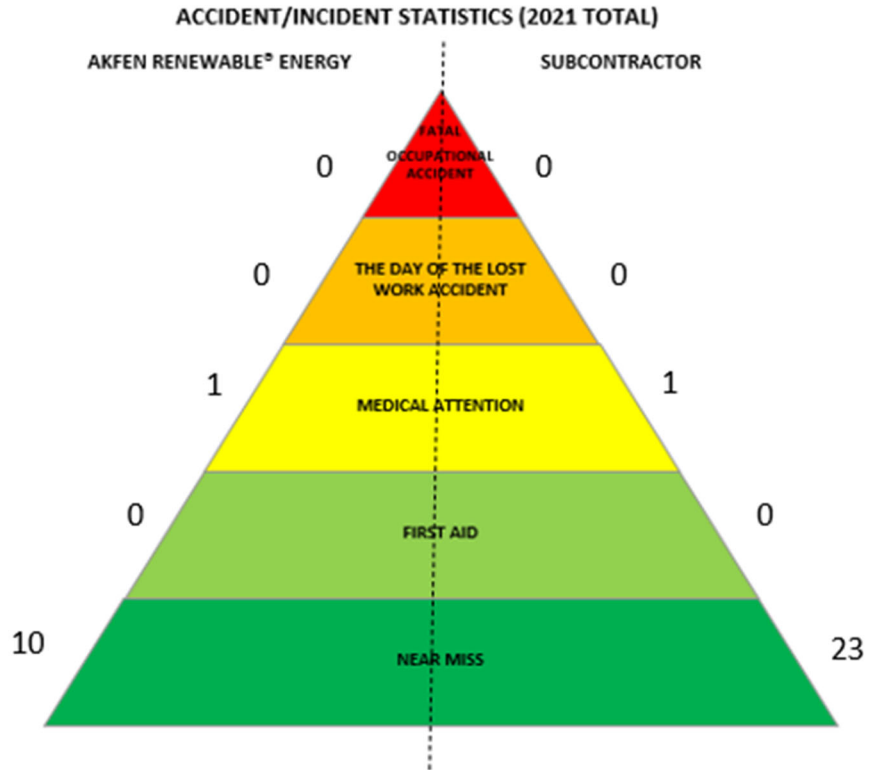
	EMPLOYEES OF THE CONTRACTOR						
	2021	2020	2019	2018	2017	2016	2015
TRIR	0,64	0,34	0,66	0,51	0,94	0,44	0,00
LTIR	0	0,34	0,47	0,30	0,23	0,00	0,00



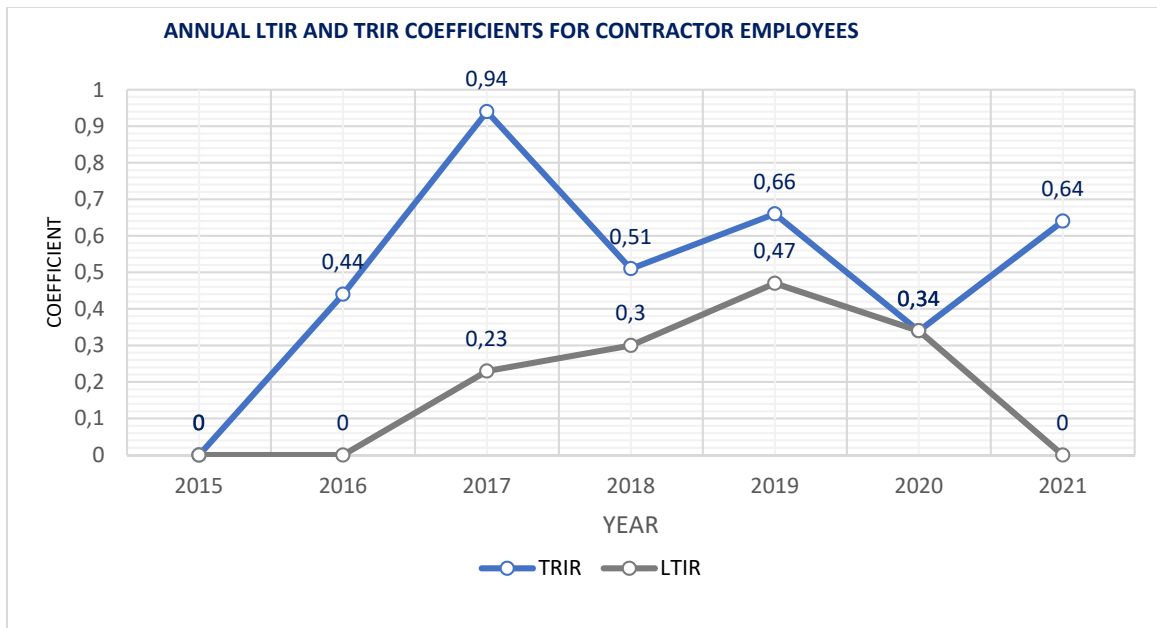
<sup>25</sup> Total Recordable Incident Rate (TRIR)

<sup>26</sup> Lost Time Incident Rate (LTIR)



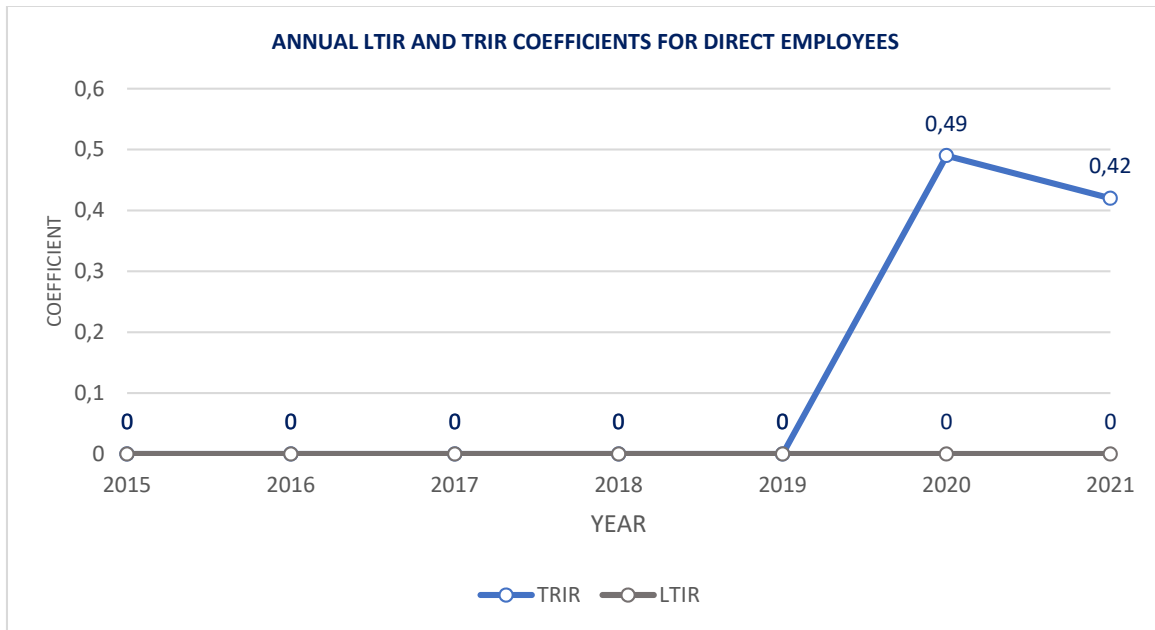


Graphic 41. ACCIDENTAL EVENTS GRAPHS FOR 2021



Graphic 42. ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES





Graphic 43. ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES

**Provide details of non-fatal injuries during this reporting period.**

In the reporting period of 2021, In 2021, there were 2 incidents requiring medical treatment.

Table 39. OCCUPATIONAL ACCIDENTS STATISTICS

EVENT	ENTERPRISE/NUMBER	EXPLANATION	LOSS OF DAYS
NEAR MISS	33	A total of 33 near-miss reports are available in 2021.	0
İLK YARDIM	0		0
MEDICAL INTERVENTION	AMASYA SPP (1) DOĞANÇAY HPP (1)	<p>Accident 1- Falling from Height It happened during the stacking of the grass, whose cutting process was completed, in the truck in the Amasya SPP operation. While the staff was carrying out operations to stack more grass, he lost his balance and fell from the truck. As a result of the incident, he suffered soft tissue damage and was taken to the hospital in the vehicle of the lawnmower team and examined. He was treated as an outpatient and discharged.</p> <p>Accident 2 – Crash In our Doğançay HPP facility, our personnel lost their balance and hit their head on the door while opening the door of the training hall. The first aid application to the personnel was made in our enterprise and then they were delivered to the hospital. After the doctor's control, stitches were applied to the area where he was hit and he was discharged after completing his outpatient treatment.</p>	0
LOST DAY WORK ACCIDENT	0		0
FATAL WORK ACCIDENT	0		0
MAJOR EVENTS/ACCIDENTS	ÇİÇEKLİ HPP	As a result of the natural disaster on July 22, 2021, a large part of our Çiçekli HPP facility was flooded and our facility became unusable and production activity was terminated.	
EQUIPMENT DAMAGE	0		0
SAFETY OR ENVIRONMENTAL EVENTS/ACCIDENTS	0		0

**Describe deaths or vehicle accidents in detail, including corrective measures (provide copies of the OHS investigation and related corrective action plan).**

In the reporting period of 2021, there were no fatal work accidents or vehicle accidents.

## [PS3 | PK3] Resource Efficiency and Pollution Prevention

**Provide the following environmental surveillance data for this reporting period. If all the requested data is already available in a different format, they can be submitted instead. Please provide a scaled facility map showing the exact locations of all surveillance points.**

### ENVIRONMENTAL MONITORING DATA

#### Environmental Noise

According to national legislation, it is not necessary to measure environmental noise for our renewable energy power plants that are in operation.

- HPP turbine systems are located within the power plant buildings. It is technically out of the question for the noise caused by the mechanical structures installed in the closed environment to disturb the local people. In this context, there has been no feedback from local individuals such as suggestions or complaints so far.
- There is no system facility that can cause noise in GES enterprises. In this type of facilities, noise originating from electricity generation that may disturb local individuals is technically out of question.
- The amount of noise caused by turbines in WPP facilities is evaluated and reported by accredited institutions during the first commissioning periods. There are no facilities in our portfolio that are in the first year of operation.

The facilities are located on forest lands at high elevations in forest areas. For this reason, there were no complaints about noise.

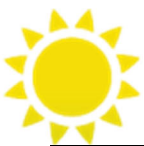
#### Liquid Waste

Water Pollution Control Regulation Discharge Standards<sup>27</sup> for Domestic Wastewaters in Article 32

“Domestic waste water of hotels, motels, holiday villages, holiday sites and summer estates and industrial facilities with a population of less than 84 people is pursuant to the provisions of the Regulation on Pits to be Built in Places where Sewer Pipeline Construction is Impossible, published in the Official Gazette dated 19/3/1971 and numbered 13783. It is collected in the impermeable septic tank to be built and given to the wastewater infrastructure facilities by means of a vacuum truck.” has a provision.

Due to the average number of power plant employees being 11 (minimum 5, maximum 24), no waste water treatment system has been installed in any of our plants. Waste water is kept in sealed septic tanks, taken by authorized vacuum trucks and delivered to municipalities. Vacuum truck service records are kept and kept at our power plants.

Septic control and delivery processes; It is included in the environmental interaction training and is periodically transferred to all our employees.



<sup>27</sup> <https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=7221&MevzuatTur=7&MevzuatTertip=5>



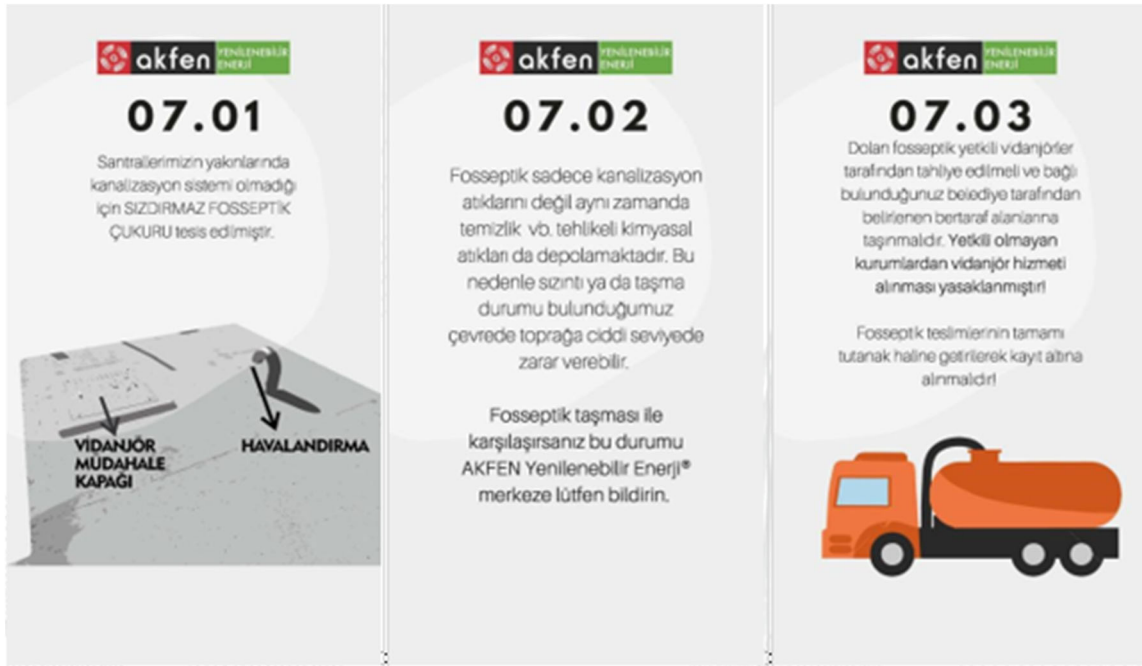


Figure 34. ENVIRONMENTAL INTERACTION TRAINING PRESENTATION-LIQUID WASTE SECTION

Photos of the septic tank areas in the facilities are given below. Sample vacuum truck shots from the septic areas are given below. Wastewater drawn by vacuum trucks rented from septic tanks in all facilities is delivered to municipalities.



Picture 61. EXAMPLE OF SEPTIC TANK FIELD FOR ME-SE SPP



Picture 62. DORUK HPP- SEPTIC TANK FIELD-SEWAGE TRUCK

## Material Leakage & Spill Response Preparations

The following activities were carried out in 2021 for the elimination of potentially dangerous environmental effects.

- In accordance with the P11 Control of Environmental Impacts Procedure, which was revised in 2020, Environmental Social Management Plans and Emergency Situations Affecting the Environmental Emergency Response Instructions were updated and put into operation at all power plants.



Figure 35. ENVIRONMENTAL SOCIAL MANAGEMENT PLAN COVER

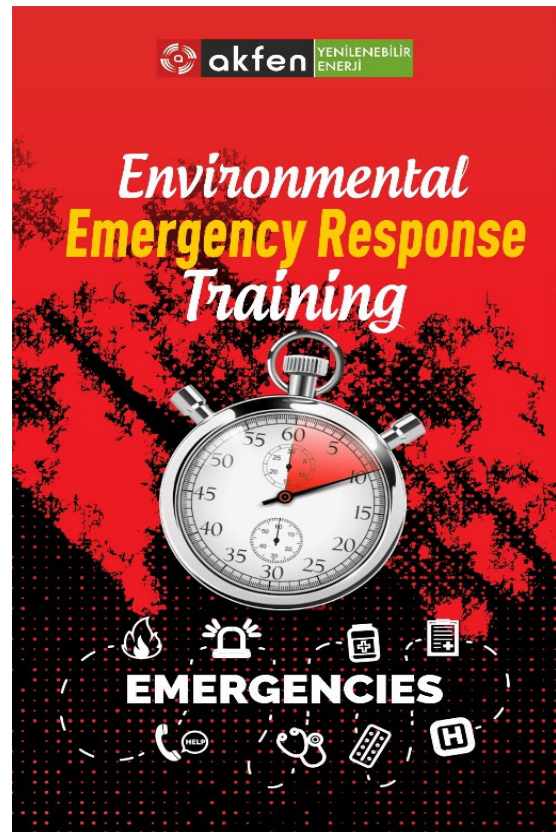


Figure 36. ENVIRONMENTAL EMERGENCY RESPONSE INSTRUCTIONS COVER



- Trainings were organized in all our power plants within the framework of the revised instruction. Training presentations were also shared with the employees through personal mobile phones<sup>28</sup>.

**akfen** YENİLENEBİLİR ENERJİ

Çevreyi olumsuz etkileyen bir durum / olayla karşılaştığınızda zaman kaybetmeden amirinizi haber verin ve resmini çekin.

Söz konusu resimler uygunluk tutanakları ekinde yer alacaktır.



**akfen** YENİLENEBİLİR ENERJİ

Uygunlukların nasıl kayıt altına alınacağı UYGUNLUK DURUMLARININ KAYIT ALTINA ALINMASI talimatı içinde tarif edilmiştir.

**Uygunluk Durumların Kayıt Altına Alınması**

Her zaman, söz konusu durumun kaydedilmesi için fotoğraf çekin ve amirinizi zamanında bildirin. Aksi takdirde, soruşturma başlatılabilir.



Ama önce zaman kaybetmeden olaya müdahale edelim!

**akfen** YENİLENEBİLİR ENERJİ

**SIZINTI/DÖKÜNTÜ**

Yağ ve kimyasalların toprağa dökülmesi, suya karışması (miktar ne olursa olsun) kabul edilebilir değildir.

Çevreye verdikleri zarar dikkate alınarak hızlı ve doğru şekilde müdahale edilmesi gerekmektedir.

**akfen** YENİLENEBİLİR ENERJİ

Butün santrallerimizde sızıntı/döküntü kitleri tesis edilmiştir. Söz konusu kitler, bu tip durumlara müdahale için gerekli bütün ekipmanları içinde barındırmaktadır.



Çalıştığınız sahalarda yukarıda resmi verilen kitler mevcut değilse lütfen amirimize bilgi verin ve en kısa sürede temin edilmesini sağlayın.

Çalışma sahalının tamamında yeterli sayıda spill kit bulundurulması zorunludur!

**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE SIZINTI**

Sızıntı tespiti edildiğinde hızlı hareket edilmeli, sızma miktar azaltılmaya çalışılmalıdır.

Bu nedenle sızıntı ile karşılaştığınızda zaman kaybetmemeye özen gösterin.



Sızıntı mevcut bir cihaz hidrolik sistem bağlantılarından yada benzeri bir sabit sistemden kaynaklanıyorsa

**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE SIZINTI**

Söz konusu cihazın yada sistemin derhal durdurulmasını ve hidrolik sistem basıncının düşürülmesini sağlayınız. Sızıntı devam ediyorsa, emici yastıklar ile sızan yağ / kimyasalların zemine direk erişimini engelleyin.



**Emici Yastık**

**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE SIZINTI**

Eğer sızıntının nedeni, devrilen varil vb. depolama birimleri ise, derhal varil vb. kaldırıp dik pozisyona getirerek sızıntıyı durdurmaya çalışın. Bu esnada sızmış kimyasalların dağılmasını engellemek için sınırları emici sosisleri, sızıntı çevresine yerleştiriniz.



**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE SIZINTI**

Yayılım engelleyici sosis

Bu iş için özel olarak üretilen sosisler yayılımı sınırlayacaktır. Çevreyi tehdit eden yağ ve kimyasalların toprağa, pis su giderlerine erişimi engellenmelidir.

Çalışma alanındaki yağ, kimyasal döküntülerin pis su giderleri üzerinden tahliyesi, temizlenmesi kesinlikle yasaktır!

Müdahale burada tarif edilen şekilde gerçekleştirilecektir.



**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE DÖKÜNTÜ**

Sızan, dökülen yağ, kimyasalların temizlenmesi esnasında, bu işlem için üretilmiş özel emici pedler kullanılacaktır. Çalışma sahalınızda mevcut spill kitler içinden söz konusu pedleri zaman kaybetmeden alın.



**Emici Ped**

**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE DÖKÜNTÜ**

Emici pedleri, direk olarak döküntünün üzerine gelecek şekilde yerleştirin. Bu esnada koruyucu eldivenlerinizle bile döküntüye temas etmemeye özen gösterin. Pedlerin yüzeydeki döküntüyü emebilmesi için 60 sn kadar bekleyin.

60 sn



**Emici Ped**

Dökülen yağ / kimyasal

**akfen** YENİLENEBİLİR ENERJİ

**MÜDAHALE DÖKÜNTÜ**

Dökülen sıvı miktarını dikkate alarak gerektiği kadar ped kullanmaktan çekinmeyin. Ancak gereğinden fazla kullanmamak için gereken özeni de gösterin. Temas eden pedlerin kontamine tehlikeli atık statüsünde değerlendirileceğini unutmayın.

60 sn



**Emici Pedler**

Dökülen yağ / kimyasal

<sup>28</sup> Consent has been obtained from all our employees for the processing of their personal data, limited to our activities, in accordance with the terms of the LAW No. 6698 on the Protection of PERSONAL DATA (Official Gazette Date: 07.04.2016 Official Gazette Number: 29677).

**MÜDAHALE DÖKÜNTÜ**

60 sn sonunda emici pedlerin üzerine bir miktar bastırarak ve döküntü alanı içinde hareket ettirerek çekebildiği kadar atığı içine çekmesini sağlayınız.



Emici Ped  
Dökülen yağ / kimyasal

**MÜDAHALE DÖKÜNTÜ**

İşlem sonunda, tehlikeli yağ / kimyasalları çeken pedleri, başka hiç bir yüzeye temas ettirmeden, çevreye bulaştırmadan tehlikeli atık kutusuna atın.



Tehlikeli Atık Kutusu

Yağ / kimyasal bulaşan beçlerin / bezlerin tehlikeli atık kutusu hariç kutulara atılması kesinlikle yasaktır.

**MÜDAHALE DÖKÜNTÜ**

Döküntüler, emici pedler ile önceki bölümlerde anlatıldığı gibi alınabildiği kadar alınacaktır. Sert yüzeylerde kalan artıklar uygun temizleyiciler ve bezler/mendiller kullanılarak temizlenecektir. Yüzeyde hiç kalıntı kalmayacak seviyede temizlik işlemi gerçekleştirilecektir.



Kalıntı  
Temizlik Bezi

**MÜDAHALE DÖKÜNTÜ**

Söz konusu temizlik bezleri, mendilleride, emici pedler gibi kontamine tehlikeli atık statusundadır. Aynı şekilde çevreye temas ettirmeden tehlikeli atık kutusuna atılacaktır.



Tehlikeli Atık Kutusu

**MÜDAHALE DÖKÜNTÜ**

Döküntü toprak üzerinde ise, yağ, kimyasal bulaşan bölümlerin tamamını kürekle alınacak ve tehlikeli atık (kontamine atık) kutusuna ya da geçici depolama alanına taşınacaktır. Bu esnada dökülmemesine dikkat edilmelidir.



**MÜDAHALE DÖKÜNTÜ**

Temizleme işlemi tamamlandıktan sonra, sızıntı, döküntü sahasının son halinin resmi çekiniz. Söz konusu resimler öncesi - sonrası kıyaslaması için gereklidir.



**MÜDAHALE DÖKÜNTÜ**

Çalışanlarımızın acil durumlara hazır olmaları için yılda asgari bir kez tatbikat yapılacaktır. Bu suretle çevresel acil durumlara karşılaşması halinde hızlı ve doğru şekilde hareket edilmesi amaçlanmaktadır.



**TATBİKAT**

**MÜDAHALE DÖKÜNTÜ**

Çevresel tatbikatların tamamı önceden belirlenen planlar dahilinde gerçekleştirilmekte ve **ÇEVRE TATBİKAT KAYIT FORMU** ile kayıt altına alınmaktadır. Söz konusu form katılımcıları, tatbikat konusunu ve başarı durumunu içerir mahiyettedir.



**MÜDAHALE DÖKÜNTÜ**

Gerçekleştirilecek acil durum tatbikatlarının senaryoları (konular) uzman bir Çevre Mühendisi tarafından belirlenmekte ve **ÇEVRE TATBİKAT KAYIT FORMUNA** kaydedilmektedir.

Tatbikat katılımcıların senaryoda belirtilen çevresel acil duruma, görevlerinde belirtilen şekillerde müdahale etmelidir. Aksi halde tatbikat başarısız olacaktır ve tekrarlanması gerekecektir.

Değerlendirme:  YETERLİ  YETERLİ DEĞİL  ÇOK YİYOK

Katılımcıların başarıları Yetkin bir Çevre Mühendisi tarafından değerlendirilmekte ve **ÇEVRE TATBİKAT KAYIT FORMUNA** kaydedilmektedir.

**MÜDAHALE DÖKÜNTÜ**

Temizleme esnasında, dökülen kimyasalın ne olduğunu biliyorsanız, kimyasal ilişkin MSDS (Malzeme Güvenlik Bilgi Formlarını) inceleyiniz. Temizleme sürecinde form içinde belirtilen hususları dikkate alınız.

Malzeme Güvenlik Bilgi Formu



**MSDS**

**MÜDAHALE DÖKÜNTÜ**

**06.03.03**



**OKSİTLEYİCİ**  
Yalancı



**PATLAYICI**



**KOROZİF**  
Aşındırıcı, yalancı, çürütücü madde



**EKOTOKSİK**  
Doğaya ve canlılara ani veya gecikmeli zarar verebilecek maddelerdir.

**MÜDAHALE DÖKÜNTÜ**

Lütfen bir sonraki sayfada sıralanan ve bütün santrallerimizde duyuru panolarımızda kamuoyunun ve siz değerli çalışanlarımızın dikkatine sunduğumuz politikalarımızı ve etik kodlarımızı inceleyiniz.



Figure 37. ENVIRONMENTAL EMERGENCY RESPONSE TRAINING



As a result of the trainings, spill drills were carried out at all sites. The visuals of the exercises held in 2021 are given below.



Picture 63. SPILL DRILL PHOTOS- ÜÇPINAR WPP





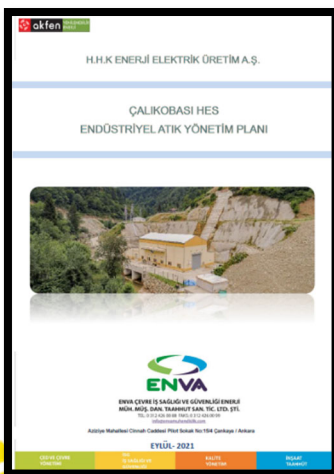
Spill drill dates at the facilities are listed in the table below.

Table 40. LEAKAGE SPILL EXERCISES PERFORMED AT THE FACILITIES IN 2021

NAMA OF PLANT	DRILL DATES	NUMBER OF PARTICIPANTS	EVALUATION (INSUFFICIENT-SUFFICIENT-GOOD-VERY GOOD)
KAVAKÇALI HPP	13.09.2021	4	GOOD
DORUK HPP	13.10.2021	3	GOOD
DEMİRCİLER HPP	08.09.2021	7	GOOD
SARAÇBENDİ HPP	01.09.2021	5	VERY GOOD
SIRMA HPP	09.09.2021	3	GOOD
OTLUCA HPP	09.11.2021	8	GOOD
YAĞMUR HPP	11.10.2021	4	VERY GOOD
ÇALIKOBASI HPP	12.10.2021	4	VERY GOOD
ÇAMLICA 3 HPP	11.11.2021	13	GOOD
GELİNKAYA HPP	15.10.2021	3	GOOD
DOĞANÇAY HPP	28.09.2021	14	GOOD
SEKİYAKA HPP	10.09.2021	4	GOOD
PSİ-ENGİL 207 SPP	11.06.2021	4	GOOD
OMICRON ENGİL 208-ERCİŞ SPP	11.06.2021	4	VERY GOOD
TOKAT SPP	26.10.2021	1	GOOD
SOLENTEGRE SPP	20.10.2021	1	GOOD
DENİZLİ SPP	26.06.2021	2	GOOD
FIRINCI SPP	21.10.2021	1	GOOD
AMASYA SPP	25.10.2021	1	GOOD
ME-SE SPP	29.06.2021	2	GOOD
YAYSUN SPP	28.06.2021	2	GOOD
ÜÇPİNAR WPP	21.06.2021	5	GOOD
KOCALAR WPP	22.06.2021	4	GOOD
HASANOBA WPP	23.06.2021	4	İYİ
DENİZLİ WPP	24.06.2021	5	VERY GOOD
SAR-DEM WPP	07.06.2021	5	GOOD

## Temporary Waste Storage

The following activities were carried out in 2021 regarding the sorting, storage, and delivery of wastes to authorized institutions.



- The revised P11 Environmental Impacts Control Procedure, Environmental Social Management Plans and waste management plan specific to all power plants were updated and put into operation.
- Trainings were organized in all our power plants within the framework of the revised instructions and plans. Training presentations were also shared with the employees via personal mobile phones.
- Temporary storage areas were controlled and followed up with periodic field inspections (2nd Party, internal audit unit).

Figure 38. EXAMPLE OF CURRENT WASTE MANAGEMENT PLAN-ÇALIKOBASI HPP



**WASTE MANAGEMENT**

It has been prepared in scope of the P11- Environmental Impacts Control Procedure and distributed through mobile systems.

## Antroposen

İnsanların dünyaya olan olumsuz etkilerinin en üst düzeye çıktığı bu dönemde, ANTROPOSEN dönemi adını almıştır.



## Dünyamız değişiyor!

Küresel kaynaklarımızı hızla tüketip, ürettiğimiz çöpler ile dünyamızı hızla değiştiriyor, kirletiyoruz. Dünyamızın imkanlarının kısıtlı olduğu gerçeği ile yüzleşme zamanı. Yakın bir gelecekte, geri dönüşü mümkün olmayan sonuçlar ile karşılaşacağımız su götürmez bir gerçektir.



## Büyük Pasifik Çöp Alanı

Atılan çöplerin büyük bir kısmı sularımıza, okyanuslarımıza ulaşmakta. Söz konusu çöpler bir araya gelerek pasifik okyanusu üzerinde **Türkiye yüz ölçümünün 5 katı büyüklüğünde çöpten oluşan bir kıtanın oluşmasına neden oldu.**



## Plastik Atıklar

Dünya genelinde her yıl 1 trilyonun üzerinde çöp poşeti atılmakta.

**>1.000.000.000.000 adıyla**

Peki siz ne kadar çöp poşeti kullanmakta ve sonrasında çöpe atmaktasınız?

Dünya genelinde her yıl 500.000.000 ad plastik şişe çöpe atılmakta.

Peki siz ne kadar plastik şişe kullanmakta ve sonrasında çöpe atmaktasınız?



## PLASTİK DÜŞMANIMIZ DEĞİL!

Hafif, dayanıklı, ucuz, kolay şekillendirilebilir, pek çok uygulamada rahatlıkla kullanılabilir. Bu liste böyle uzar gider. Plastik ham maddeden üretilen pek çok ürünün hayatımıza girmesinin nedeni de bu vazgeçilmez avantajlardır. Ancak çöpe giden plastik atıklar çok ama çok uzun süre doğada ayrışmadan kalmakta, toprakta ve su kaynaklarımızda birikmekte ve önceki bölümlerde bahsedildiği gibi kıta büyüklüğünde çöp yığınlarına neden olmaktadır. Ekolojik denge geri dönülemez şekilde bozulmakta, canlılar ve hatta türler yok olmaktadır. Bu tabloda her insanın çok yada nispeten az payı olduğu kabul edilmelidir.



## DENİZ KUŞLARININ VE KAPLUMBAĞLARIN

**%44** 'DÜNYA GENELİNDE PLASTİK ATIKLARIN OLDUĞU TAHMİN EDİLMEKTEDİR. BU CANILARIN BÜYÜK BİR BÖLÜMÜ KISA SÜRE İÇİNDE ÖLMEKTEDİR!'



## KAĞIT ATIKLAR

Gerek ofislerde kullanılan fotokopi kağıtları ve temizlik kağıtları gerekse evimize ya da iş yerimize gelen faturalar, gazeteler... Aklınıza gelen tüm kağıt ve karton türü ürünleri için ağaç kullanılıyor ya da geri dönüşümle tekrar kullanılabilir.

Kağıtların aslında ağaçların kendisi olduğunu unutuyor olabilir miyiz? Kağıt ürünlerini kullanmadan önce aşağıdaki maddeleri düşünmenizi rica ediyoruz.

Her yıl kağıt karton ve yasaşamlı ihtiyaçlarımız için kişi başı ortalama **7 adet ağaç tüketiyoruz.**

Bu güne kadar kaç fidan diktiniz?

Yanan bir ağacı söndürerek kurtarmaya çalıştığımız gibi geri dönüşüme kazandıracağımız 70 kg kağıdı ile 1 ağaç kurtarabiliriz.



## TEHLİKELİ ATIKLARA DİKKAT

Sahalarımızda yapılan inceleme neticesinde belirlenen tehlikeli atıklar aşağıda listelenmiştir.

ENDÜSTRİYEL YAĞ ATIKLAR  
BİTKİSEL ATIK YAĞLAR  
YAĞ BULAŞMIŞ AMBALAJ VE KİMYASAL PARÇALARI  
KULLANILMIŞ PİLLER  
PATLAMIZ FLORASAN LAMBALAR  
ARIZALI ELEKTRONİK EKİPMANLAR  
BOYA (sprey / sürme) VB. KİMYASAL MADDELER  
KİMYASAL BULAŞMIŞ KAĞITLAR VE KİMYASAL PARÇALARI  
BOCEKİLAÇLARINA AIT KAĞITLAR



## BİTKİSEL ATIK YAĞLAR

1 litre bitkisel veya hayvansal yağ, **1 milyon litre** suyu kirletiyor! Yağlarınızı lavaboya dökmeyin. Lavabonuzu tıkanmanın yanı sıra, suları kirletiyor ve çok önemli bir enerji kaynağını çöpe atmış oluyorsunuz. Halbuki atık yağ, biyodizel dönüşümlen çok değerli bir üründür. Onun ekonomiye geri katılması ve suların uzak durmasını sağlayacak tek kişi sizsiniz! Geri dönüşümüne yardımcı olun. Bunun için tehlikeli atık olarak ayrılan geçici depolama sahasını kullanmanız yeterli.



## ENDÜSTRİYEL YAĞLAR

Endüstriyel yağlar, özelliklerinin geliştirilmesi amacıyla kimyasal katkıları ile geliştirilir. Buda yağların çevresel olumsuz etkilerinin yanı sıra katılan kimyasalların ekstra zehirli etkilerini barındırır. Toprağın ve suyun zehirlenmesine neden olur.

Bu nedenle az miktarda dahi olsa toprağa /suya kesinlikle karışmamalıdır.

## PİLLER & AKÜLER

Şarj edilemeyen pillerin içinde çinko, mangan, cıva, gümüş oksit, lityum bulunmaktadır. Şarj edilebilir pillerin içinde ise nikel kadmiyum, nikel metal ve kurşun astireni yer alıyor. Toprağa karışan piller, bitkiler ve hayvanlar yoluyla insanlara geçerek **sakat doğumlara hatta kanserlere neden olabiliyor. Cıva, merkezi sinir sisteminde tahribata neden oluyor. Kurşun, kansuzluk, mi**





**FLORESAN**

"Fluoresan lambalar ve tasarruflu ampuller, sağladıkları elektrik tasarrufu yanında **kriz** döneminde sağlık açısından ciddi tehlike arz etmektedir. Bu tehlikenin ana kaynağı da floresan lambalarda ve tasarruflu ampullerde bulunan **cıva buharıdır**. Çünkü bu lambalar kriz döneminde içerdiği cıva ortamda hemen buharlaşır. Solunum yoluyla alınır ve ciddi problemlere neden olur. O nedenle depolanması, taşınması ve geri kazanımı sırasında çok dikkat edilmelidir.



**ELEKTRONİK ATIKLAR**

Anırsanız elektronik ekipmanlar gördüğümüz gibi masum değildir. İçerisinde bulunan **kurşun, kadmiyum, cıva** gibi çok zehirli metaller ağaça çıkarak çevreyi zehirler. Kesinlikle doğaya karışmasına izin verilmemelidir, geri dönüştürülmelidir.



**KİMYASAL ATIKLAR**

Kimyasal maddeler içeriklerinde çok zehirli ve tehlikeli bileşenleri barındırmaktadır. Her ne şekilde olursa olsun kimyasallar normal çöplere karıştırmamalı, tehlikeli atık depolama alanına götürülmelidir.

Kimyasalların depolanması ve kullanılması esnasında da MSDS yani **Malzeme Güvenlik Bilgi Formu** mutaka okunmalı ve uygulanmalıdır.

Kullanmanız için verilen kimyasalların **Güvenlik Bilgi Formlarını** talep edin...



**KONTAMİNE ATIK**

Yağ, kimyasal madde bulamış, kumaş, ambalaj vb. atıklar kontamine atık olarak isimlendirilmektedir. Yağ, kimyasal maddeler çevre için ne kadar tehlikeli ise kontamine atıklarda bir o kadar tehlikelidir ve ayrıştırılması gerekmektedir.

Söz konusu kontamine atıkları da tehlikeli atık depolama alanlarında muhafaza etmelisiniz.


**Sorumluluklarımız!**

Dünya hepimizin, dolayısıyla onu korumak hepimizin görevi, ödevi. Peki atıklar ile ilgili olarak neler yapmalıyız?

**İsraftan kaçınmalıyız!**  
İSRAFTAN KAÇINARAK ÇÖP MİKTARINI AZALTMALIYIZ!

**Çöpleri ayrıştırmalı ve muhafaza etmeliyiz!**  
TEHLİKELİ, GERİ DÖNÜŞTÜRÜLEBİLİR VE EVSAL ATIKLARI DISİPLİNLİ ŞEKİLDE AYRIŞTIRMALYIZ! TOPRAĞA SUYA KARIŞMALARINA ENGEL OLMALYIZ.

**Dökülen, saçılan atıklara müdahale etmeliyiz!**  
ÖZELİKLE TEHLİKELİ ATIKLARIN (KİMYASALLAR) TOPRAĞA SUYA SIZDIĞINI GÖRÜRSEK HEMEN YETKİLİLERE HABER VERMELİ VE UYGUN EKİPMANLAR İLE MÜDAHALE ETMELİYİZ. (EMİCİ KİTLER VB.)

 **akfen** YENİLENEBİLİR  
ENERJİ

*Politikamız*

İNSAN KAYNAKLARI  
KALİTE  
ÇEVRE  
İŞ SAĞLIĞI VE GÜVENLİĞİ  
ENERJİ VERİMLİLİĞİ  
SOSYAL SORUMLULUK  
BİLGİ GÜVENLİĞİ  
KİŞİSEL VERİLERİN KORUNMASI

Santrallerimizde görevlendirilen bütün çalışanların politikalarımızı okuması zorunludur. Lütfen 5dk. ayırın ve politika metinlerimizi gözden geçirin.

Figure 39. WASTE MANAGEMENT TRAINING FILE

Temporary waste storage areas were monitored by the 2nd party surveillance company Enva Mühendislik within the scope of periodic field inspections.



Picture 64. WASTE FIELD EXAMPLES-SEKİYAKA HPP AND DEMİRCİLER HPP



Picture 65. HASANOBA RES WASTE FIELD-WASTE TYPES SIGNAGE



**Table 41. FACILITY WASTE AREAS UNDER THE WASTE MANAGEMENT REGULATION**

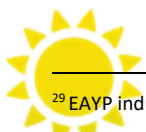
NAME OF PROJECT	WASTE AREA	LIABILITY INSURANCE POLICY Application date: Validation date	EAYP <sup>29</sup> - Validation date	ZERO WASTE DOCUMENTATION	WASTE TRANSPORT AGREEMENT
OTLUCA HPP	present	29.04.2021-29.04.2022	Approved -12/8/2023	applied (18.05.2021)	present
SIRMA HPP	present	29.04.2021- 29.04.2021	Approved -12/12/2022	24/05/2021-24/05/2026	present
SEKIYAKA HPP	present	29.04.2021- 29.04.2022	Approved -4/30/2024	12/05/2021-12/05/2026	present
DEMIRCİLER HPP	present	12.09.2021 - 12.09.2022	Approved -2/23/2024	09/06/2021-09/06/2026	present
KAVAKÇALI HPP	present	29.04.2021 - 29.04.2022	Approved -4/21/2024	21/12/2020-21/12/2025	present
GELINKAYA HPP	present	29.04.2021 - 29.04.2022	Approved -12/31/2022	applied (05.05.2021)	present
SARAÇBENDİ HPP	present	29.04.2021 - 29.04.2022	Approved - 10/20/2023	25/05/2021-25/05/2026	present
ÇAMLICA III HPP	present	21.01.2021 - 21.01.2022	Approved -1/29/2023	05/07/2021-05/07/2026	present
DORUK HPP	present	29.04.2021 - 29.04.2022	Approved -11/10/2023	14/06/2021-14/06/2026	present
YAĞMUR HPP	present	21.03.2021 - 21.03.2022	Approved -10/30/2023	09/07/2021-09/07/2026	present
DOĞANÇAY HPP	present	29.04.2021 - 29.04.2022	Approved -1/7/2024	20/01/2021-20/01/2026	present
ÇALIKOBASI HPP	present	11.11.2021 - 11.11.2022	Approved -10/26/2024	01/02/2021-01/02/2026	present
ÇİÇEKLI HPP	present	Var <sup>30</sup>	Approved -2/4/2024	24/12/2020-24/12/2025	Process ongoing
DENİZLİ SPP	present	31.08.2021 - 31.08.2022	Approved -9/20/2023	27/10/2021-27/10/2026	present
YAYSUN SPP	present	01.09.2021- 01.09.2022	Ongoing evaluation	08/06/2021-08/06/2026	present
AMASYA SPP PROJETS	present	31.05.2021 - 31.05.2022	Approved -6/22/2024	08/06/2021-08/06/2026	present
TOKAT SPP	present	31.05.2021 - 31.05.2022	Ongoing evaluation	05/07/2021-05/07/2026	present
OMICRON 208 SPP	present	18.05.2021 - 18.05.2022	Approved -6/17/2024	21/05/2021-21/05/2026	present
ME-SE SPP	present	18.05.2021 - 18.05.2022	Approved -6/28/2024	08/06/2021-08/06/2026	present
SOLENTGRE SPP	present	31.08.2021 - 31.08.2022	Approved -10/11/2024	29/06/2021-29/06/2026	Process ongoing
FIRINCI SPP (IOTA)	present	18.05.2021 - 18.05.2022	-	-	-
KOCALAR WPP	present	23.07.2021 - 23.07.2022	Approved - 10/15/2022	22/12/2020-22/12/2025	present
ÜÇPINAR WPP	present	23.07.2021 - 23.07.2022	Approved -10/15/2022	22/12/2020-22/12/2025	present
HASANOBA WPP	present	18.09.2021 - 18.09.2022	Approved -10/15/2022	10/06/2021-10/06/2026	present
DENİZLİ WPP	present	14.10.2021 - 14.10.2022	Approved -12/20/2022	23/03/2021-23/03/2026	present
SAR-DEM WPP	present	29.05.2021 - 29.05.2022	Approved -6/1/2023	22/12/2020-22/12/2025	present

## RESOURCES AND ENERGY CONSUMPTION

The energy management program created within the integrated management system has been revised within the framework of EN ISO 5001:2018 standards.

Each facility consumption data recording modules were created on M-Files and Google Drive for instant monitoring and control of data on energy and global resource consumption from the center, and their effectiveness was ensured.

Regarding resources and energy consumption, monthly records are kept under the headings of Electricity Consumption Analysis, Fuel Consumption Analysis, Water Consumption Analysis, Energy Consumption Comparison, Total Energy Consumption, CO<sub>2</sub> Emission, Consumption/Degree Day Analysis.



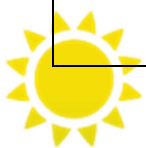
<sup>29</sup> EAYP industrial waste management plan

<sup>30</sup> As a result of the natural disaster experienced on July 22, 2021, a large part of our Çiçekli HPP facility was flooded and our facilities became unusable and production activity was terminated.

The areas where the domestic needs are met with the Off-Grid Solar Energy System are given below

Table 42. PHOTOVOLTAIC PANELS

NAME OF FACILITY	NEED	PHOTO
<b>AKFEN Renewable® energy head office</b>	Outdoor Lighting	
<b>MT-DOĞAL CONTROL BUILDING</b>	Internal use	
<b>YAYSUN GES CONTROL BUILDING</b>	Internal use	
<b>ME-SE GES CONTROL BUILDING</b>	Internal use	



NAME OF FACILITY	NEED	PHOTO
<b>PSI GES CONTROL BUILDING</b>	Internal use	
<b>OMICRON ENGİL GES CONTROL BUILDING</b>	Internal use	
<b>OMICRON ERCİŞ GES CONTROL BUILDING</b>	Internal use	
<b>IOTA M. FIRINCI SPP</b>	Internal use	



NAME OF FACILITY	NEED	PHOTO
IOTA M. FIRINCI SPP CONTROL BUILDING	Internal use	
TOKAT SPP	Internal use	





If any of the EHS guidelines or local regulatory limits are exceeded, please explain why and, if appropriate, describe planned corrective actions to prevent recurrence.

There are no cases of exceeding any of the EHS guidelines or local regulatory limits in 2021

**Energy and Water Management (please add columns as needed)**

Energy and Water Management (please add columns as needed).

**Table 43. AKFEN RENEWABLE ENERGY & GLOBAL RESOURCES CONSUMPTION IN 2021**

NAME OF PLANT	CAPACITY	PRODUCTION	ENERGY & GLOBAL RESOURCES CONSUMPTION IN 2021			
			ELECTRICITY CONSUMPTION	NATURAL GAS CONSUMPTION	DIESEL FUEL CONSUMPTION	WATER CONSUMPTION
NAME OF PLANT	MW	MWh	MWh	m <sup>3</sup>	lt	m <sup>3</sup>
01 AKFEN RENEWABLE*	-	-	62,71	65.126,66	4.666,66	1.766,66
02 OTLUCA HPP	48,77	12.4474,64	220,13	-	10.416,00	541,66
03 SIRMA HPP	6,66	5.967,66	1,35	-	2.083,00	333,33
04 SEKİYAKA HPP	3,53	9.950,72	88,89	-	2.875,00	150,00
05 DEMİRCİLER HPP	8,70	10.830,23	207,73	-	1.500,00	288,00
06 KAVAKÇALI HPP	11,45	17.889,52	87,64	-	680,00	100,00
07 GELİNKAYA HPP	7,08	6.902,83	86,83	-	493,00	167,00
08 SARAÇBENDİ HPP	26,27	23.433,26	182,88	-	600,00	100,00
09 ÇAMLICA III HPP	28,48	25.462,28	130,35	-	11.200,00	108,00
10 DORUK HPP	28,89	49.827,65	313,56	-	3.501,00	125,00
11 YAĞMUR HPP	9,19	18.426,17	102,63	-	300,00	45,90
12 DOĞANÇAY HPP	31,61	74.070,55	420,00	-	7.300,00	3.745,00
13 ÇALIKOBASI HPP	18,11	18.785,66	276,92	-	2.560,00	275,00
14 ÇİÇEKLİ HPP	6,99	11.126,58	32,00	-	2.697,00	117,00
15 DENİZLİ SPP PROJECTS	7,40	9.576,08	75,89	-	300,00	108,00
16 YAYSUN SPP	12,72	16.009,99	42,22	-	4.219,00	802,00
17 MT DOĞAL SPP	12,10	15.575,09	40,03	-	2.000,00	
18 AMASYA GES SPP PROJECTS	11,20	14.094,00	69,48	-	31,50	382,50
19 TOKAT GES SPP PROJECTS	5,60	6.855,00	40,72	-	41,00	48,00
20 OMICRON ENGİL 208 SPP	24,20	39.820,12	89,32	-	220,00	426,60
OMICRON ERCİŞ SPP			82,59			
21 PSI ENGİL 207 SPP	13,00	20.826,89	88,47	-	0,00	100,00
22 ME-SE SPP	12,10	18.709,23	76,54	-	100,00	400,00
23 SOLENTEGRE SPP KARİNE SPP	10,20	13.054,42	73,31	-	100,00	38,00
24 FIRINCI SPP	12,90	20.602,40	84,95	-	100,00	270,00
25 KOÇALAR WPP	30,60	88.850,13	2,08	-	100,00	119,00
26 ÜÇPINAR WPP	112,20	275.101,56	2,81	-	3.335,00	138,00
27 HASANOBA WPP	51,00	106.228,01	2,09	-	100,00	119,00
28 DENİZLİ WPP	74,80	201.759,16	2,26	-	563,00	180,00
29 SAR-DEM WPP	80,30	203.912,04	171,82	-	100,00	232,00
TOTAL	706,05	1.448.121,87	3.158,19	65.126,66	62.181,16	11.225,65



**Greenhouse Gases: Please fill in the table below for each field and institutional level.**

In all of our power plants, the electricity needs are met by internal demand transformers (HES-GES-RES) or by rooftop photovoltaic systems installed only to meet the internal needs. Therefore, there is no CO<sub>2</sub> emission due to electricity consumption.

CO<sub>2</sub> emissions due to diesel generators installed at our power plants and vehicles with internal combustion engines (service vehicles, construction equipment, automobiles, pickup trucks, SUVs, pickups, etc.) have been calculated.

CO<sub>2</sub> emissions due to the natural gas consumption of the central boiler used in the AKFEN Renewable® Energy central office air conditioning system have been calculated

The following coefficients have been taken into account in the calculation of greenhouse gas reduction amounts due to energy production from renewable sources.

**Table 44. LIST OF EMISSION REDUCTION FACTORS RELATED TO POWER PLANT**

	NAME OF PLANT	STANDARD	EMISSION FACTOR (tCO <sub>2</sub> /MWh)
01	OTLUCA HPP	VCS	0,5491
02	SIRMA HPP	VCS	0,5502
03	SEKİYAKA HPP	Gold Standard	0,5502
04	DEMİRCİLER HPP	Gold Standard	0,5502
05	KAVAKÇALI HPP	Gold Standard	0,5502
06	GELİNKAYA HPP	Gold Standard	0,5502
07	SARAÇBENDİ HPP	VCS	0,5491
08	ÇAMLICA III HPP	VCS	0,5502
09	DORUK HPP	VCS	0,5491
10	YAĞMUR HPP	VCS	0,5502
11	DOĞANÇAY HPP	VCS	0,5502
12	ÇALIKOBASI HPP	-	0,5502
13	ÇİÇEKLİ HPP	-	0,4755
14	DENİZLİ HPP PROJECT	VCS	0,5514
15	YAYSUN SPP	VCS	0,5676
16	MT DOĞAL SPP	VCS	0,5676
17	AMASYA SPP PROJECT	VCS	0,5676
18	TOKAT SPP PROJECT	VCS	0,5676
19	OMICRON SPP	VCS	0,5676
20	PSI SPP	VCS	0,5676
21	ME-SE SPP	VCS	0,5676
22	SOLENTGRE SPP	Gold Standard	0,5017
23	FIRINCI SPP	VCS	0,5676
24	KOCALAR WPP	VCS	0,5676
25	ÜÇPİNAR WPP	VCS	0,5676
26	HASANOBA WPP	VCS	0,5676
27	DENİZLİ WPP	VCS	0,5676
28	SAR-DEM WPP	Gold Standard	0,5534

Total CO<sub>2</sub> reduction amounts for each site and power plant are given on the next page.

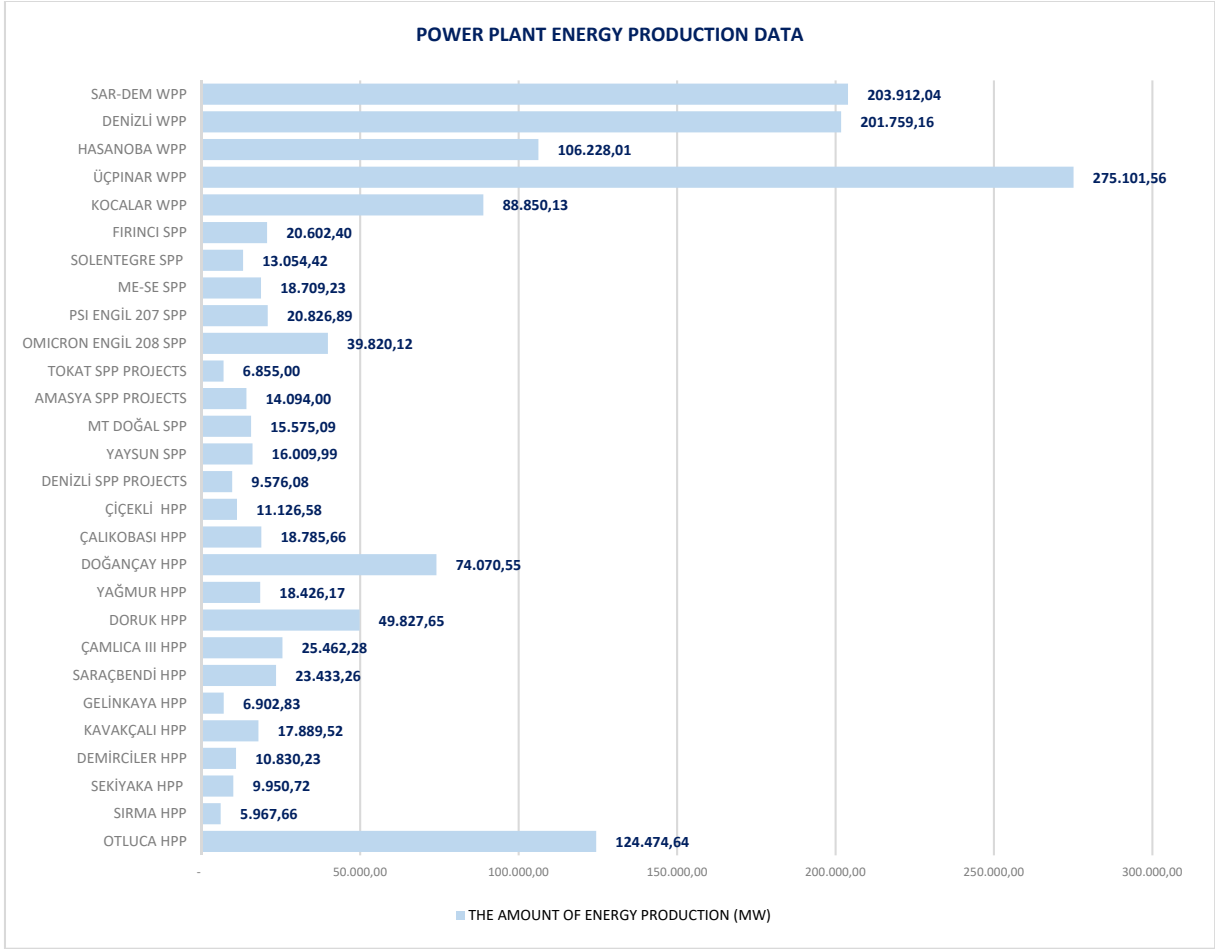


Table 45. AKFEN RENEWABLE® ENERGY HEAD OFFICE AND FACILITIES CO2 REDUCTION TABLE

NAME OF PLANT	CO <sub>2</sub> EM.		GREENHOUSE GAS		TOTAL PRODUCTION (MWh)	TOTAL CO <sub>2</sub> REDUCTION (tCO <sub>2</sub> )	ACTIONS
	DIRECTLY ANNUAL AMOUNT (tCO <sub>2</sub> )	INDIRECT ANNUAL AMOUNT (tCO <sub>2</sub> )	EMISSION FACTOR (constant)	AMOUNT OF REDUCTION (tCO <sub>2</sub> )			
AKFEN RENEWABLE® ENERGY	0,00	140,49	-	-	-	-140,49	
OTLUCA HPP	0,00	27,08	0,5491	68.349,02	124.474,64	68.321,94	<ul style="list-style-type: none"> <li>MONTHLY FOLLOW-UP OF CONSUMPTION DATA</li> <li>COMPARISON OF CONSUMPTION DATA WITH HISTORICAL CONSUMPTION DATA, DETECTION AND INTERVENTION OF EXTRAORDINARY CHANGES</li> <li>REGULAR MAINTENANCE AND CONTROLS OF FUEL CONSUMING VEHICLES</li> <li>PRIORITIZATION OF LOW ENGINE VOLUME AND EMISSIONS DATA IN VEHICLE SELECTION</li> <li>CREATING ENERGY EFFICIENCY AND CLIMATE CHANGE AWARENESS (EDUCATION, PRESENTATION, POLICY ETC.)</li> <li>AIR CONDITIONING SYSTEM CONTROLS AND STANDARDIZING INDOOR TEMPERATURES</li> </ul>
SIRMA HPP	0,00	5,42	0,5502	3.283,41	5.967,66	3.277,99	
SEKIYAKA HPP	0,00	7,48	0,5502	5.474,89	9.950,72	5.467,41	
DEMİRCİLER HPP	0,00	3,90	0,5502	5.958,79	10.830,23	5.954,89	
KAVAKÇALI HPP	0,00	1,77	0,5502	9.842,81	17.889,52	9.841,05	
GELİNKAYA HPP	0,00	1,28	0,5502	3.797,94	6.902,83	3.796,66	
SARAÇBENDİ HPP	0,00	1,56	0,5491	12.867,20	23.433,26	12.865,64	
ÇAMLICA III HPP	0,00	29,12	0,5502	14.009,35	25.462,28	13.980,23	
DORUK HPP	0,00	9,10	0,5491	27.360,36	49.827,65	27.351,26	
YAĞMUR HPP	0,00	0,78	0,5502	10.138,08	18.426,17	10.137,30	
DOĞANÇAY HPP	0,00	18,98	0,5502	40.753,62	74.070,55	40.734,64	
ÇALIKOBASI HPP	0,00	6,66	0,5502	10.335,87	18.785,66	10.329,21	
ÇİÇEKLİ HPP	0,00	7,01	0,4755	5.290,69	11.126,58	5.283,68	
DENİZLİ SPP PROJECT	0,00	0,78	0,5514	5.280,25	9.576,08	5.279,47	
YAYSUN SPP	0,00	10,97	0,5676	9.087,27	16.009,99	9.076,30	
MT DOĞAL SPP	0,00	5,20	0,5676	8.840,42	15.575,09	8.835,22	
AMASYA SPP PROJECT	0,00	0,08	0,5676	7.999,75	14.094,00	7.999,67	
TOKATGES PROJECTS	0,00	0,11	0,5676	3.890,90	6.855,00	3.890,79	
OMİCRON SPP	0,00	0,57	0,5676	22.601,90	39.820,12	22.601,33	
PSI SPP	0,00	0,00	0,5676	11.821,34	20.826,89	11.821,34	
ME-SE SPP	0,00	0,26	0,5676	10.619,36	18.709,23	10.619,10	
SOLENTGRE SPP-KARİNE SPP	0,00	0,26	0,5017	6.549,40	13.054,42	6.549,14	
FIRINCI SPP	0,00	0,26	0,5676	11.693,92	20.602,40	11.693,66	
KOCALAR WPP	0,00	0,26	0,5676	50.431,33	88.850,13	50.431,07	
ÜÇPİNAR WPP	0,00	8,67	0,5676	156.147,65	275.101,56	156.138,97	
HASANOBA WPP	0,00	0,26	0,5676	60.295,02	106.228,01	60.294,76	
DENİZLİ WPP	0,00	1,46	0,5676	114.518,50	201.759,16	114.517,03	
SAR-DEM WPP	0,00	0,26	0,5534	112.844,92	203.912,04	112.844,66	

Production data of Akfen Renewable® Energy facilities for the year 2021 are given in graphic form below.





**Graphic 44. 2021 POWER PLANT GENERATION DATA**

Data on production and greenhouse gas reduction in 2021 are given below. According to these data, the amount of electrical energy produced from renewable energy sources in 2021 is 1,448,121,87 MWh. The total greenhouse gas reduction achieved in 2021 is 810,074,92 tons. With the electricity produced from renewable energy sources in 2021, approximately 965,215,41 residences met their electricity needs with sustainable clean energy.

The number of trees equivalent to greenhouse gas reduction in 2021 is 18,838,946.83.



THE AMOUNT OF ELECTRIC ENERGY  
GENERATED FROM RENEWABLE ENERGY  
SOURCES IN 2021 **1.448.121.87 MWh.**

TOTAL GREENHOUSE GAS REDUCTION  
IN 2021 **810.074.92 TONNES.**



**965.215** HOUSES MEET THE  
NEED OF ELECTRICITY WITH  
SUSTAINABLE CLEAN ENERGY  
WITH ELECTRICITY GENERATED  
FROM **RENEWABLE SOURCES.**

THE NUMBER OF TREES EQUIVALENT  
TO THE AMOUNT OF GREENHOUSE  
GAS REDUCTION IN 2021  
**18.838.947**



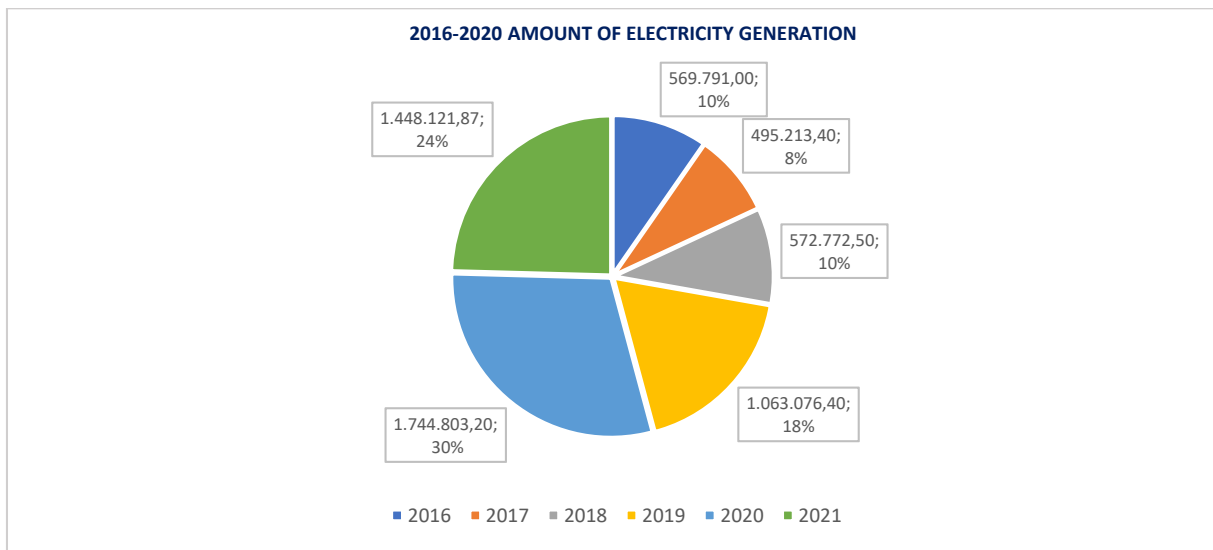
Figure 40. PRODUCTION AND GREENHOUSE GAS REDUCTION DATA-2021

The change in electricity generation and greenhouse gas reduction amounts by years since 2016 is given in the table below.

**Table 46. ELECTRICITY GENERATION AND GREENHOUSE GAS REDUCTION AMOUNTS BY YEARS**

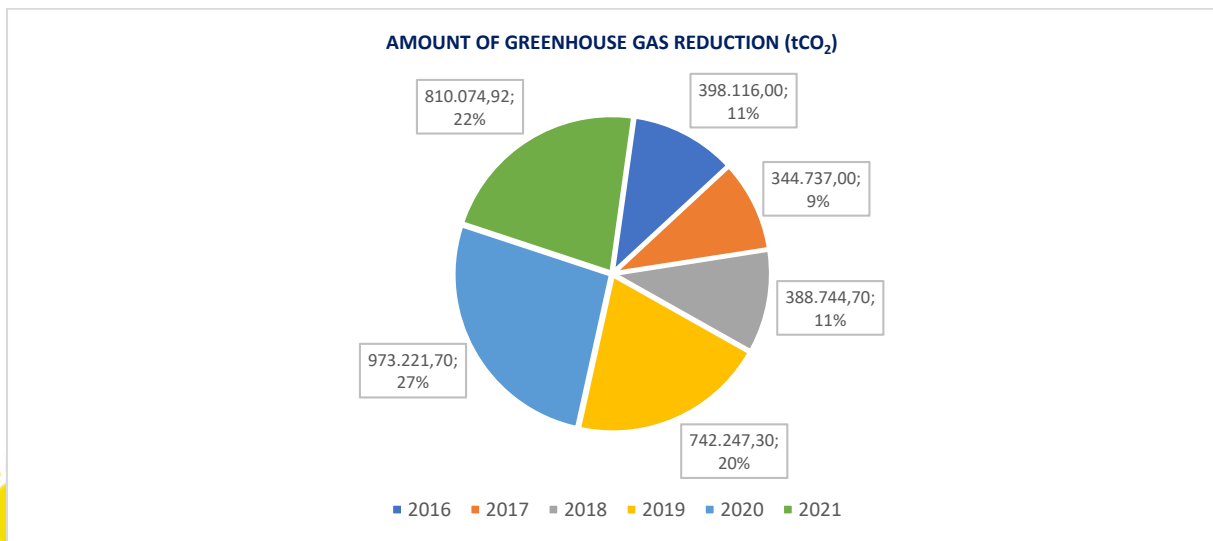
	AMOUNT OF ELECTRICITY PRODUCTION (KWh)	AMOUNT OF GREENHOUSE GAS REDUCTION (t CO <sub>2</sub> )
2016	569.791,0	398.116,0
2017	495.213,4	344.737,0
2018	572.772,5	388.744,7
2019	1.063.076,4	742.247,3
2020	1.744.803,2	973.221,7
2021	<b>1448121,87</b>	<b>810074,92</b>

As a result of the calculations made, the graph of Akfen Renewable® Energy electricity generation amounts for the year 2016-2021 is given below.



**Graphic 45. 2016-2020 AMOUNT OF ELECTRICITY GENERATION**

As a result of the calculations made, the graph of the greenhouse gas reduction amounts of Akfen Renewable® Energy for the year 2016-2021 is given below.



**Graphic 46. AMOUNT OF GREENHOUSE GAS REDUCTION (tCO<sub>2</sub>)**

**Waste and Hazardous Materials (please complete the tables below. Add rows / columns as needed)**

The amount of waste and waste types generated from the center and all sites in 2021 are given in the table below.

**Table 47.2021 WASTE LIST**

TOTAL WASTE QUANTITIES										
TYPE OF WASTE	Domestic waste	Mixed packaging waste	Waste oil	Oil filters	Electronic waste	Print toner	Lead battery and accumulators	Waste Fluorescent Lamp (kg)	Contaminated material	Contaminated packaging waste
PROJETS										
AKFEN RENEWABLE® ENERGY HEAD OFFICE	1451	218	0	0	10	10	20	5	0	0
OTLUCA HPP	476	71	0	0	0	0	0	0	0	0
SIRMA HPP	181	27	0	0	0	0	0	0	0	0
SEKİYAKA HPP	204	31	600	0	0	3	0	2	10	10
DEMİRCİLER HPP	318	48	90	0	0	0	3	1	1	4
KAVAKÇALI HPP	272	41	450	0	0	0	3	3	0	30
GELİNKAYA HPP	249	37	0	0	0	0	0	0	0	0
SARAÇBENDİ HPP	408	61	0	0	0	0	0	0	0	0
ÇAMLICA HPP	318	100	90	0	0	5	50	4	40	80
DORUK HPP	408	61	0	0	0	4	40	20	0	45
YAĞMUR HPP	272	70	9	0	5	3	4	7	0	0
DOĞANÇAY HPP	476	71	500	0	0	5	5	20	200	15
ÇALIKOBASI HPP	408	130	410	0	0	0	0	0	100	30
ÇİÇEKLİ HPP	249	37	0	0	0	0	0	0	0	0
DENİZLİ SPP PROJECTS	113	17	0	0	0	0	0	0	0	0
YAYSUN MT DOĞAL SPP	227	34	0	0	100	0	0	0	0	0
AMASYA SPP PROJECTS	113	17	0	0	300	0	0	0	0	0
TOKAT SPP PROJECTS	113	17	0	0	40	0	0	0	0	0
OMICRON VE PSİ SPP	295	44	0	0	0	0	0	0	0	0
ME-SE SPP	113	17	0	0	0	0	0	0	0	0
SOLENTGRE/ KARİNE SPP	113	17	0	0	0	0	0	0	0	0
FIRINCI SPP	136	20	0	0	0	0	0	0	0	0
KOCALAR WPP	272	60	0	0	0	0	0	0	200	100
ÜÇPINAR WPP	227	80	0	0	0	15	0	15	400	400
HASANOBA WPP	227	40	0	450	0	0	40	0	350	30
DENİZLİ WPP	272	50	450	0	15	5	0	25	750	100
SAR-DEM WPP	272	41	500	0	0	0	0	0	1,100	0





## [PS4 | PK4] Community Health, Safety and Security

Using the table below, list and briefly describe all new initiatives on community health and safety during the reporting period. Risk assessment, new infrastructure and equipment; Include hazardous materials, safety management, handling and exposure to disease.

### PRACTICES RELATED TO COMMUNITY HEALTH AND SAFETY

Applications in HPP, SPP and WPP projects for public health and safety are listed below:

PRECAUTIONS OF EXTENUATION	IMPLEMENTATION / PLANNING DATE	FUTURE PRECAUTIONS OF EXTENUATION PLANNED
<b>HPP PROJECTS</b>		
<p>Environmental Security Protection and Warning Systems Project Files of all power plants have been approved by DSI. The applications included in the approved projects are summarized below;</p> <ul style="list-style-type: none"> <li>- Enclosures (railing, wire fence, panel, wall, etc.)</li> <li>- Warning signs</li> <li>- Illuminated and audible early warning systems have been installed.</li> <li>- Chains, floats, ladders, ramps for natural life, boat availability</li> </ul> <p>Closed circuit camera system and sensors have been installed. 24-hour observation and recording are taken with cameras. Near-miss system has been moved to the digital platform. Local individuals and employees can directly communicate their suggestions and complaints via mobile phones.</p>	<p><input checked="" type="checkbox"/> APPLIED <input checked="" type="checkbox"/> PLANNED</p>	<p>CURRENT PRECAUTIONS HAVE BEEN SEEN ENOUGH.</p>
		
<b>WPP PROJECTS</b>		
<p>The perimeter of the turbine, power plant and switchyard is separated by a wire fence. All transformers are separated by wire fences. Electrical hazards, ice throwing, etc. warning signs regarding risks have been established.</p> <p>Closed circuit camera system has been installed in all turbines, power plants and switchyards. Observation and recording are made 24 hours a day.</p> <p>A security guard was employed 24 hours a day around the power plant. Project information brochures were prepared and distributed to local individuals.</p> <p>In the project information brochures, the name and contact information of the Public Relations manager were shared at the power plant entrances.</p> <p>External lighting has been installed in all turbines, power plants and switchyards.</p> <p>Near-miss system has been moved to the digital platform. Local individuals and employees can directly convey their suggestions and complaints via mobile phones.</p>	<p><input checked="" type="checkbox"/> APPLIED <input type="checkbox"/> PLANNED</p>	<p>CURRENT PRECAUTIONS HAVE BEEN SEEN ENOUGH.</p>





**SPP PROJECTS**

All of the power plant production areas are separated by wire fences. All of the transformers are separated by wire fences and installed within the transformer kiosks. Electrical risks etc. warning and prohibitive warning signs have been installed. A closed-circuit camera system covering all of the power plant sites has been installed. Observation and recording are made 24 hours a day. A security guard was employed 24 hours a day around the power plant. Project information brochures were prepared and distributed to local individuals. In the project information brochures, the name and contact information of the central Public Relations unit were shared at the power plant entrances. An external lighting system has been installed in the production areas. Near-miss system has been moved to the digital platform. Local individuals and employees can directly communicate their suggestions and complaints via mobile phones.

APPLIED  
 PLANNED

CURRENT PRECAUTIONS  
HAVE BEEN SEEN ENOUGH.



The plans and procedures applied for public health and safety are listed below:

PLANS	EXPLANATIONS
TRAFFIC ACTION PLANS	Traffic action plans have been prepared covering access roads, production areas and power plant surroundings. Within the framework of the said action plans; speed limits, vehicle safety requirements, driver qualifications, GRIEVANCE MECHANISMS, road signs and markers were determined and the document effectiveness was ensured. Revised for SPP and WPP projects in 2021.
STAKEHOLDER ENGAGEMENT PLANS	Stakeholder participation plans have been created and put into operation for each power plant. It was revised for SPP and WPP projects in 2021 and published on the corporate website. In addition, the updated SEPs were hand-delivered to the municipals, which are the main stakeholders within their sphere of influence.
POWER PLANT COMMUNICATION PLAN	In order to strengthen external communication, promotional brochures were prepared specific to the project and distributed to local individuals. These brochures contain general information about the projects as well as the direct name and contact information of AKFEN Renewable® Energy center PUBLIC RELATIONS MANAGER. Suggestion/complaint boxes have been set up in central locations in nearby settlements as well as inside the power plant. The said boxes are checked by the business managers on a monthly basis. In order to ensure that suggestions and complaints are sent directly to the center, digital suggestion/complaint forms were prepared and sent to the mobile phones of the stakeholders. Decisions regarding suggestions, complaints; The suggestion-complaint module has been updated so that the name can be forwarded without sharing the communication data. In 2021, violence against women, gender discrimination, discrimination, forced labor, etc. It is planned to establish an ETİKHAT (ETHICS LINE), instead of the one-page complaint form currently available on the website. For this, it is aimed to be directed to the relevant page by placing a box on the corporate web page, to be able to track the records of registered users with the tracking number, and to keep the 3rd parties who registered anonymously.
COMMUNITY HEALTH PLANS	Community Health Plans have been prepared in all our power plants, which include the rules for ensuring the health and safety of the stakeholders. The plans in question include the Instructions to Fight Covid-19, as well as the measures to be taken against the pandemic. It was revised in 2021 along with the process.
OFF-SITE EMERGENCY ACTION PLANS	Specific to all power plants, OFF-SITE EMERGENCY PLANS containing the rules for response to emergencies that may affect local individuals and stakeholders have been prepared and put into operation. Within the scope of these plans, exercises involving stakeholders were planned. However, due to the high average age of the villagers, our biggest stakeholders, and the fact that people in this age group are at the highest risk of contracting the COVID-19 virus, the exercise could not be held in 2021. It is foreseen that the drills with stakeholder participation will be held in 2022 in order to follow the Covid-19 process. Contact information of the switchboard stakeholders was provided, written messages were sent to each of them explaining the importance of communication in emergencies, and telephone conversations were arranged by the switchboard managers themselves. In addition, posters containing the emergency information table were prepared by Enva Mühendislik, a 2nd Party monitoring company, and conveyed to the stakeholders (See Appendix-07).
STORAGE OF HAZARDOUS WASTES	In all of our HPP and WPP power plants, hazardous waste storage areas in accordance with the Waste Management Regulation legislation have been established within the boundaries of the power plant site. The temporary waste storage areas in question; The floor is designed to have a leakproof and safe structure on concrete. Necessary warning signs are hung around the waste storage area. For each waste in temporary waste storage areas; The waste code, waste content and storage date are labeled and stored by the waste producer. The door of the temporary storage area is kept locked so as not to allow unauthorized entry from the outside. Hazardous wastes and non-hazardous wastes are stored separately in the temporary waste storage area, non-hazardous wastes are stored temporarily in the temporary storage area for a maximum of 1 year, and hazardous wastes are temporarily stored for 180 days. Before the specified periods expire, the wastes are checked at regular intervals and sent to licensed waste processing facilities for disposal. Hazardous Substances and Hazardous Waste Compulsory Liability Insurance has been taken out for each facility within the scope of Article 16 of the Waste Management Regulation.
NON-TECHNICAL SUMMARIES	Non-technical summaries for SPP and WPP projects were revised in 2021 and published on the corporate website.
STAKEHOLDER ENGAGEMENT PLANS	Stakeholder engagement plans for SPP and WPP projects were revised in 2021 and published on the corporate website.

## OFF-SITE EMERGENCY ACTION PLANS

**Have any emergency drills been conducted with community participation during the reporting period? Do communities know about emergency response plans?**

Off-Site Emergency Plans have been prepared for all of our power plants, and within this scope, exercise plans have been prepared with the participation of stakeholders.

Due to the Covid-19 epidemic, which occurred at the beginning of 2020 and spread and showed its effect in a very wide area on a global scale, the training, drills and exercises planned for public health and safety, could not be carried out in 2021. Face to face or group exercise are avoided due to the high average age in the villages and the risk of transmission of the Covid-19 virus of the elderly people, it was the highest group

The exercises could not be carried out due to the pandemic, but the stakeholders within the impact area of the power plant were contacted regarding the situation, and a summary of the Off-Site Emergency Action Plans was conveyed to our stakeholders.

It is foreseen that the drills with stakeholder participation will be held in 2022 in order to follow the Covid-19 process.

Contact information of the facility stakeholders was provided, written messages were sent to each of them explaining the importance of communication in emergencies, and telephone conversations were arranged by the facility managers themselves.

In addition, posters containing the emergency information table were prepared by Enva Mühendislik, 2nd Party monitoring company, and conveyed to the stakeholders (See Appendix-07).



**Describe any changes in the Company's relationship with private / public law enforcement and any related agreements during the reporting period.**

## SECURITY

There are no changes regarding private security services during the reporting period. As in previous periods, private security services are provided by 3rd party companies in businesses in 2021 as well.

All security personnel are certified. Their suitability for this task is documented by their health reports. Security service is provided in shifts and this service is provided unarmed.

In addition, AKFEN Renewable® Energy general safety plan has been prepared and put into operation in all our power plants. In the light of the said plan, the Security Employee Handbook and training were prepared, communicated to all security personnel via mobile phones, and their participation in the training programs was ensured.

Power Plant Security Plan, Security Staff Handbook and Power Plant Communication Plan are conveyed to security personnel in detail so that security personnel can carry out the process in a healthy way both in terms of relations with the facility and local people. In 2021, trainings were provided in this context.

In addition to basic training, additional trainings were provided to security personnel by the 3rd party private security companies providing service. The training topics includes Employee Representative Training, Risk Assessment Team Training, Emergency Teams Training, Communication Training, Office Life with Covid-19, Proper Hand Washing, Correct Use of Mask, Water shortage, Climate Change and its Causes, Ethics in Work Life, Microsoft Teams Tips, Hazardous Substances, Preventive Measures Development, Clean Environment - Environmental Awareness, Tepe Defense - Clarification Text on Vaccination due to the Covid-19 Virus Outbreak, Security measures, Terrorism and security measures, Facility security, Covid-19 Vaccination, Use of Teams applications on the phone and Lack of Communication.



Table 48. ADDITIONAL TRAININGS AND DURATIONS RECEIVED BY SECURITY PERSONNEL

EMPLOYEE-HOUR																			
	DEMİRCİLER HPP	GELİNKAYA HPP	SARACBENDİ HPP	DORUK HPP	ÇALIKOBASI HPP	DENİZLİ SPP	YAYSUN-MT DOĞAL SPP	AMASYA SPP	TOKAT SPP	OMICRON/PSI SPP	ME-SE SPP	SOLENTEGRE SPP	IOTA M. SPP	KOCALAR WPP	ÜÇPİNAR WPP	HASANOBA WPP	DENİZLİ WPP	SAR-DEM WPP	TOTAL (hours)
Basic OHS Training	48	48	60	60	60	48	48	48	48	120	48	48	60	48	48	48	48	48	984
Employee Representative Training	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Risk Assessment Team Training	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Emergency Teams' Training	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18
Communication Training																			
Office Life with Covid-19																			
Proper Hand Washing																			
Correct Use of Mask																			
Lack of water																			
Climate Change and Its Causes																			
Ethics in Work Life																			
Microsoft Teams Tips																			
Hazardous Substances																			
Preventive Measures Development	14	14	17.5	17.5	17.5	14	0	14	14	35	14	14	17.5	0	0	0	0	0	185.5
Clean Environment - Environmental Awareness																			
Tepe Defense - Clarification Text on Vaccination Due to the Covid-19 Virus Outbreak, Security measures																			
Security measures																			
Terrorism and security measures																			
Facility security																			
Covid-19 Vaccination																			
Use of Teams applications on the phone																			
Lack of Communication																			
<b>TOTAL</b>	<b>65</b>	<b>65</b>	<b>80.5</b>	<b>80.5</b>	<b>80.5</b>	<b>65</b>	<b>51</b>	<b>65</b>	<b>65</b>	<b>158</b>	<b>65</b>	<b>65</b>	<b>80.5</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>51</b>	<b>1223.5</b>





Figure 41. SAFETY PLAN AND INSTRUCTIONS

## [PS5 | PK5] Land Acquisition & Involuntary Resettlement

**Provide the following information regarding the land acquisition required for the project during the reporting period. If not, skip this part by typing "None".**

There is no land acquisition in 2021

**Table 49. RESETTLEMENT INDICATORS**

	TOTAL LAND	FAMILY / BUSINESS	REINFORCED / RETURNED TO DATE	TOTAL INDIVIDUAL	PENDING	COMMENTS
1. PHYSICAL CHANGE IN LOCATION						
LEGAL LAND OWNERS						
LAND USERS WITHOUT LEGAL LAND CERTIFICATE						
TENANTS						
TOTAL						
2. CHANGE IN LOCATION DUE TO ECONOMIC MATTERS						
3. CHANGE IN LOCATION DUE TO BOTH ECONOMIC AND PHYSICAL MATTERS						
TOTAL						

**Note: Please provide the following information for families / individuals / businesses directly affected by land acquisition**

There are no families/individuals/businesses directly affected by land acquisition.

**Please briefly describe the type of solutions provided for new physical displacement and economic displacement not included in the Resettlement Action Plan.**

Alternative field studies are carried out in order to ensure that the project structures do not coincide with residences and agricultural lands during the SPP, WPP project site surveys and project studies.

Projects are being developed in areas where the project can be carried out technically and where stakeholders will not be adversely affected by the project. However, in case the project coincides with private land, meetings are held both with the administration and on a company basis during the expropriation works for these immovables. Persons who own the lands to be expropriated are notified about the project, and experts determined by the court in the legal process prepare immovable valuation reports for the case file. As a result, public information meetings are held before the expropriation works, negotiations are held for obtaining consent, and social impact studies are carried out so that the stakeholders do not suffer from unjust treatment.

It is preferred that all of the SPP project sites are built on lands that are unsuitable for agriculture and have lost their pasture quality. In case the project areas are on pasture lands, qualification changes are made for these lands and they are registered as treasury land in the title deed. For the said lands, rent is paid to the Treasury every year, and the price of pasture is paid to the relevant Provincial Directorate of Agriculture and Forestry for once.

In order to carry out the SPP project, the sites for which the conformity opinion is received are selected. When areas with personal immovable are unavoidable, it is preferred to purchase with consent without expropriation.

Within the scope of the route studies of the ETL projects approved by TEDAŞ/TEİAŞ, detailed plans are made on topographic and cadastral maps in order that the ETL route between the power plant and the transformer center (TM) to which the connection will be made, agricultural lands and residences will not coincide or there will be minimum overlap. Care is taken to ensure that agricultural activities are not hindered by the planning of the sites.

Maximum attention is paid to site selection for WPP projects as well. WPPs are naturally located on high hills and peaks. These places are generally areas with soil erosion, no agricultural features and not preferred for settlement purposes. Obstacles, protected areas, forest density and quality are examined as WPP turbine locations, and areas outside the nature protection areas are selected. In case of need, it is also appropriate in terms of legislation to change the turbine locations, provided that they remain within the EIA limit of the project.

**Briefly describe any special measures related to particularly susceptible cases (elderly resettled persons, female-headed families, etc.)**

No resettlement took place during this reporting period.

**Please attach detailed information/report on the resettlement process in accordance with the Resettlement Action Plan oversight regulation.**

No resettlement took place during this reporting period.

**Has the Client Company made any new investments or expropriations that present the resettlement issues defined by PSS?**

YES  NO

**If yes, please provide copies/updated information of the Resettlement Action Plan, Framework and other resettlement management plans or reports.**

NO

**Using the table below, list any grievances or disputes (including court action) regarding land expropriation or resettlement received during the reporting period, and describe how it was handled and its current status.**

**Table 50 COMPLAINTS OR DISPUTES RELATING TO LAND ACQUISITION OR RESETTLEMENT**

COMPLAINT / DATE OF DISPUTE	COMPLAINANT	ISSUE	SOLVED (Y/N)	ACTION TAKEN	DATE OF CLOSE OUT



## [PS6 | PK6] Biodiversity Conservation and Sustainable Management of Living Natural Resources

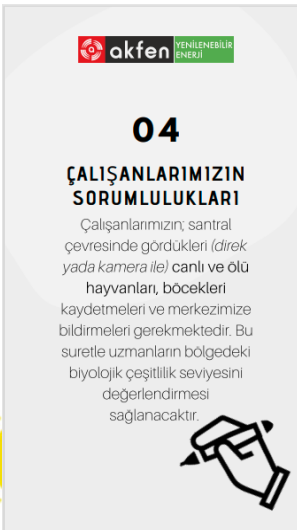
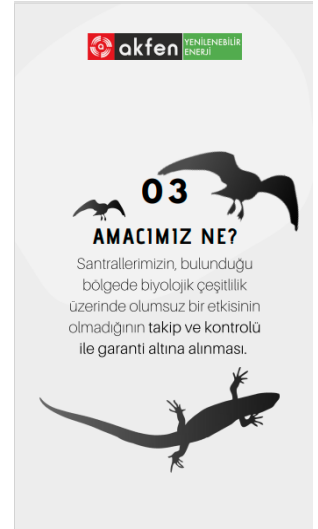
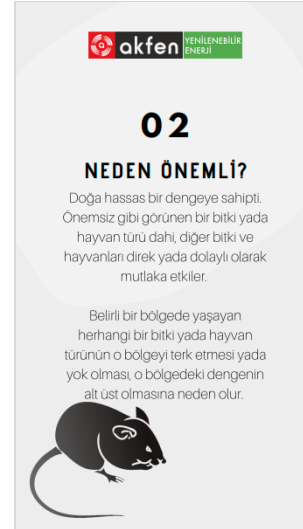
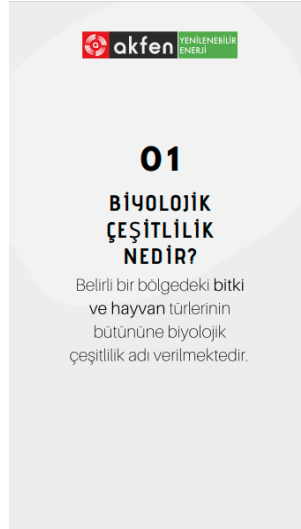
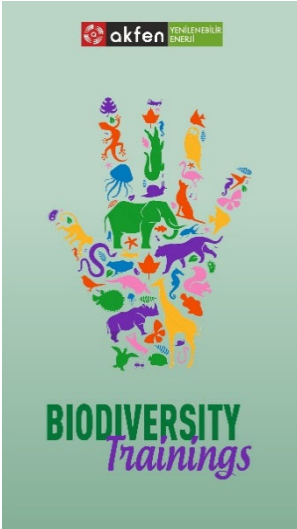
**Describe any new activity or expansions that have increased the project footprint towards new habitat areas during the reporting period.**

### BIODIVERSITY

The following activities were carried out in 2021 for the protection of biological diversity.

- INSTRUCTIONS FOR CONTROL OF BIODIVERSITY, revised in 2020, was provided and applied to all power plants.
- Links have been created where the species observed in the facilities can be photographed and uploaded from the mobile phone, and notifications are followed online.
- Trainings were organized in all our plants within the framework of revised instructions and shared links. Training presentations were shared with employees through the ingenuity of personal mobile phones.

### BIODIVERSITY TRAINING CONTENT



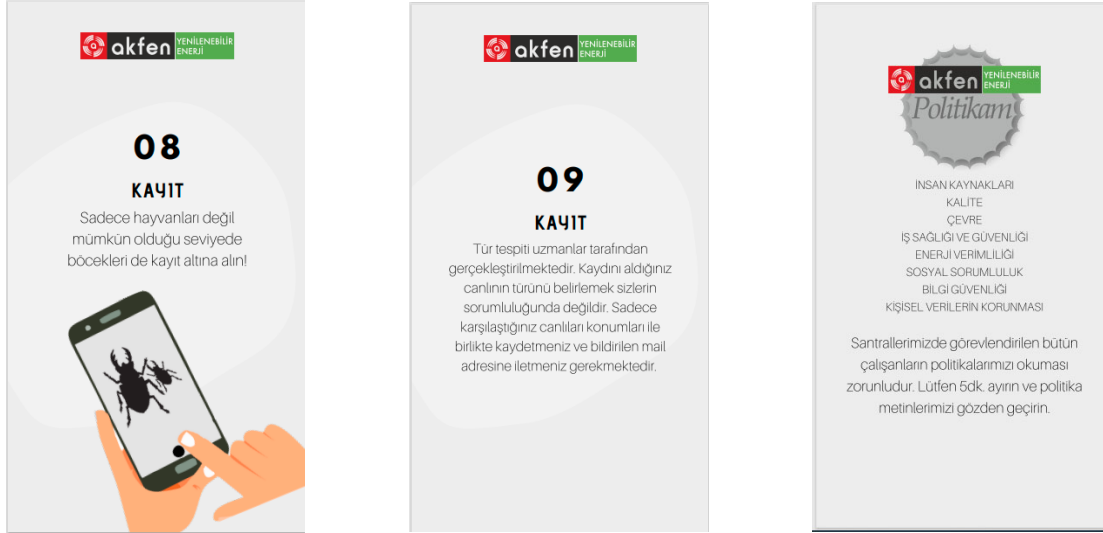


Figure 42. BIODIVERSITY TRAINING PRESENTATION FILE

## BIODIVERSITY REGISTRATION SYSTEM

The purpose of keeping these records in a disciplined manner; is to prove that animals do not leave their homeland after the power plants come into operation.

Examples of recordings (pictures) listed under the digital system are provided on the next page.

Employees also receive training on biodiversity as part of their environmental social training. With this training, they can share and upload photos taken from their mobile phones via the link <https://form.jotform.com/211953719167968>.

In 2021, 22 digital notifications were received from the power plants.

Table 51. THE DIGITAL NOTIFICATIONS REGARDING ANIMAL OBSERVATIONS SENT FROM FACILITIES IN 2021

NAME OF PLANT	DATE	NUMBER OF NOTIFICATIONS
SAKARYA DOĞANÇAY HPP	23.07.2021	3
ARTVİN ÇİÇEKLİ HPP	16.07.2021	1
KONYA ME-SE SPP	25.08.2021	1
ÇANAKKALE KOCALAR WPP	16.07.2021	1
ÇANAKKALE ÜÇPINAR WPP	25.09.2021	1
ÇANAKKALE HASANOBA WPP	16.03.2021	1
MUĞLA SEKİKAYA HPP	10.09.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	1.07.2021	1
VAN PSI-ERGİL 207 SPP	2.07.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	08.06.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	10.06.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	29.06.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	29.07.2021	1
VAN OMİCRON ENGİL 208/ERCİŞ SPP	29.07.2021	1
GİRESUN ÇALIKOBASI HPP	16.07.2021	1
ŞİVAS SARAÇBENDİ HPP	16.07.2021	2
ŞİVAS SARAÇBENDİ HPP	17.08.2021	1
KONYA YAYSUN/MT DOĞAL SPP	29.09.2021	1
GİRESUN ÇALIKOBASI HPP	16.07.2021	1





Picture 66. PHOTOS IN THE BIODIVERSITY DIGITAL NOTIFICATIONS SENT FROM THE FACILITIES IN 2021



## BIODIVERSITY MONITORING STUDIES

Within the scope of flora studies, seeds of endemic plant species have been collected and re-planted as per BAP. In addition, the collected seeds are delivered to the seed and gene bank.



*Paeonia mascula subsp. Bodurii* tohum toplama çalışması



Picture 67. SITE PHOTOS OF SEED COLLECTIONS OF ENDEMIC PLANT SPECIES





T.C.  
**TARIM VE ORMAN BAKANLIĞI**  
Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü  
Ankara Tarla Bitkileri Merkez Araştırma Enstitüsü Müdürlüğü

Sayı : E-71350326-400-2982668

11.10.2021

Konu : Tohum kabülü

**KORDA ENERJİ ÜRETİM PAZARLAMA İTH VE İHRA Ş.A**  
İlkbahar Mah/sem. Galip Erdem Cad. Kapı No: 3 ÇANKAYA / ANKARA

06.10.2021 tarihli ve 35853172-14 sayılı yazı ile gönderilen ve Çanakkale İli, Lapseki ilçesi Üçpınar köyü, RES proje sahasından, Öğretim Görevlisi Sayın Haşim ALTINÖZLÜ tarafından toplanan ve endemik olan *Paeonia mascula* subsp. *bodurii* türüne ait tohum örnekleri Türkiye Tohum Gen Bankası tarafından GKN 046269 numarası verilerek kayıt altına alınmıştır.

Bilgilerinize arz ederim.

**Dr. Ayten SALANTUR**  
Enstitü Müdürü V.

*Bu belge, güvenli elektronik imza ile imzalanmıştır.*

Doğrulama Kodu: 7448AE7F-091A-45B5-A684-7EF6005D56D0

Doğrulama Adresi: <https://www.turkiye.gov.tr/tarim-ebys>

Gayret Mah. Şehit Cem Ersever Cad. No: 9-11 06170 Yenimahalle/ANKARA

Tel: (312) 343 10 50 Faks: (312) 327 28 93

E-Posta: [tarlabitkileri@tarim.gov.tr](mailto:tarlabitkileri@tarim.gov.tr) KEP: [tarimveormanbakanligi@hs01.kep.tr](mailto:tarimveormanbakanligi@hs01.kep.tr)

Bilgi için: Dilek İNCEKÖSE  
BAĞLAN  
Biyolog



 **Figure 43. DOCUMENT ON THE DELIVERY OF ENDEMIC PLANT SEEDS COLLECTED IN 2021 TO THE GENE BANK**

## BIODIVERSITY MONITORING STUDIES IN HPP PROJECTS

Monitoring and evaluation have been conducted at the regulators and fish passages of HPP projects. All fish passes operate in good standards.

In the regulators of HPP projects; the environmental water left by the flow observation stations are controlled. The functionality of the flow monitoring stations has been checked and no inconvenience has been found.

Fish passes and flow observation station inspections have been carried out and reported for hydroelectric power plants. As a result of these inspections, it has been determined that the fish passes and Flow monitoring Stations (AGI) are appropriate.



Picture 68. ÇALIKOBASI HPP FISH PASSAGES

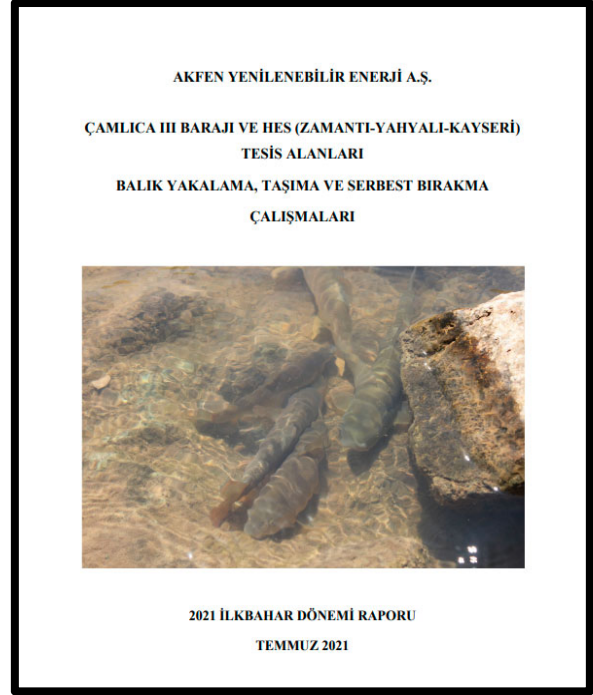
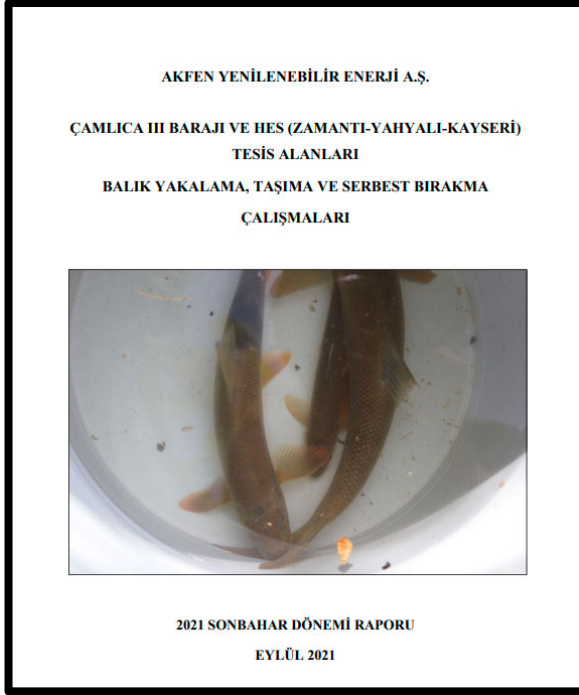


Picture 69. DORUK HPP FISH PASSAGES



Within the scope of 2021 Çamlica III HPP; fish catching, transport and release works have been successfully completed. Capturing, transport and release activities were carried out in July and September 2021.





Picture 70. ÇAMLICA III HPP 2021 BOPDIVERSITY MONITORING



Picture 71. FISH CATCHING (ELECTRO SHOCKER, SPREADING, VARIOUS NETS, ETC.)







Picture 72. TRANSFER OF FISH IN LIVE FISH CONTAINERS



Picture 73. RELEASE OF TRANSPORTED FISH



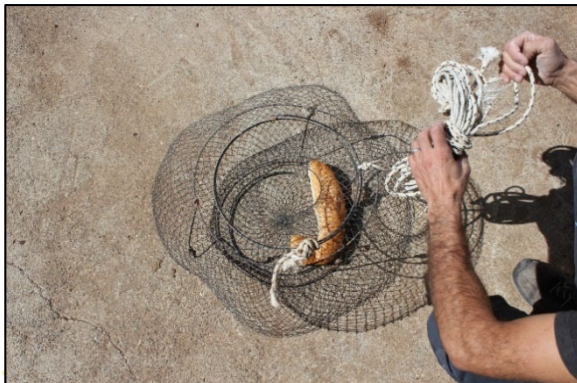
Picture 74. ELECTRO SHOCKER CREATED BY MODIFICATION OF HONDA BRAND GENERATOR USED BY TWO PEOPLE



Picture 75. FISH SAMPLING USING PINTER



Picture 76. FISH SAMPLING USING SPREAD NET



Picture 77. FISH SAMPLING USING DRUM FISH BASKETS





Picture 78. *Capoeta damascina*



Picture 79. *Capoeta barroisi*



Picture 80. *Squalius lepidus*



Picture 81. *Oxynoemacheilus samanticus*





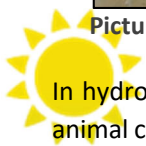
Picture 82. *Garra rufa*



Picture 83. TAKING THE CAPTURED FISH INTO WIDE BUCKETS AND TRANSPORTING THE FISH TO THE VEHICLE



Picture 84. RELEASE OF TRANSPORTED FISH



In hydroelectric power plants, where water is delivered to the power plant by channel structures, there are animal crossing structures in order that the transmission channel does not prevent the passage of fauna. Along these lines, wild animals can roam between both sides to meet their water and food needs.





Picture 85. PHOTOS SHOWING ANIMAL CROSSING STRUCTURES

## BIODIVERSITY MONITORING STUDIES IN SPP PROJECTS

During the operation period of the SPP projects, the last biodiversity observations were completed and no major negativities were found.

There are suitable alternative areas in the immediate vicinity of the project site; that these suitable habitats will continue to be used by bird species unless habitat changed in the near future. The bird species in the area and its vicinity which were affected by the project construction phase have returned or may return; and for these reasons the impact of the solar power plant on the avifauna of this region is of little concern.

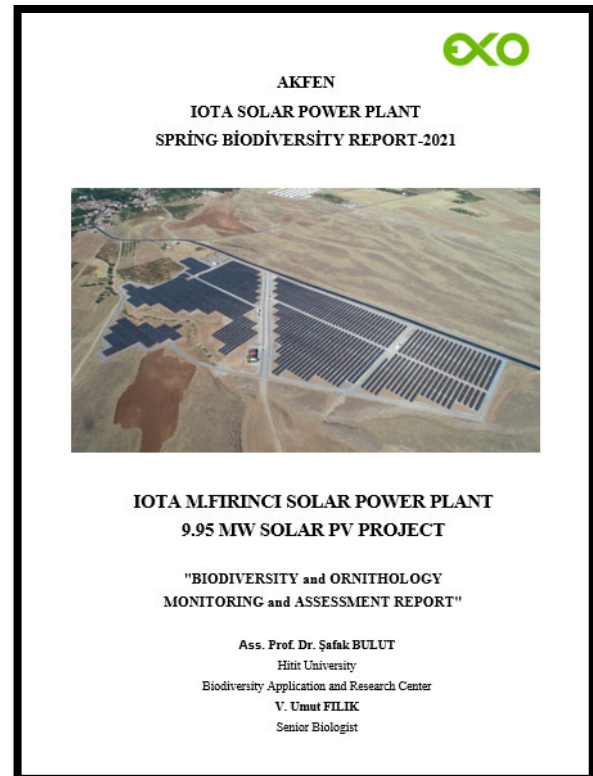
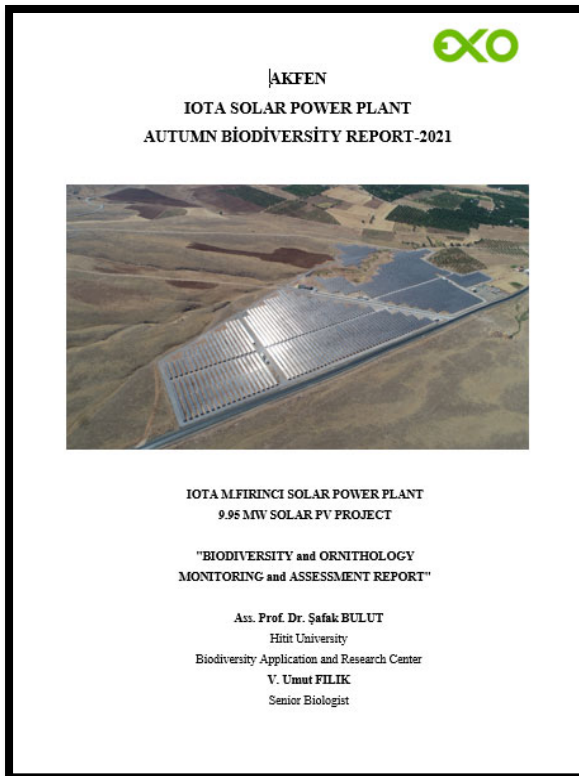
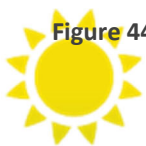


Figure 44. 2021 İOTA M. FIRINCI SPP BIODIVERSITY MONITORING STUDIES



## BIODIVERSITY MONITORING STUDIES IN WPP PROJECTS

Ornithological and bat monitoring studies continue in all WPP projects. There is no negative major effect from an ornithological point of view.

In 2021, ornithological monitoring, bat monitoring and carcass counts were conducted in wind farm projects.

### DENİZLİ WPP

In 2021 Ornithological monitoring, bat monitoring and carcass scanning studies were carried out by Dr. Şafak Bulut, Expert Bio. By V. Umut Filik and permanent observer Süleyman Kenan Çüngür between the dates: April 4-7, 2021 and June 27-July 2, 2021. The Ornithological Monitoring Reports and the Bat Monitoring Reports were prepared in this scope. Monitoring is routinely carried out in order to determine the effectiveness and adequacy of the mitigation measures defined in the aforementioned report and to define additional measures as necessary. No major adverse events were observed in these monitoring studies conducted for the period of 2021.

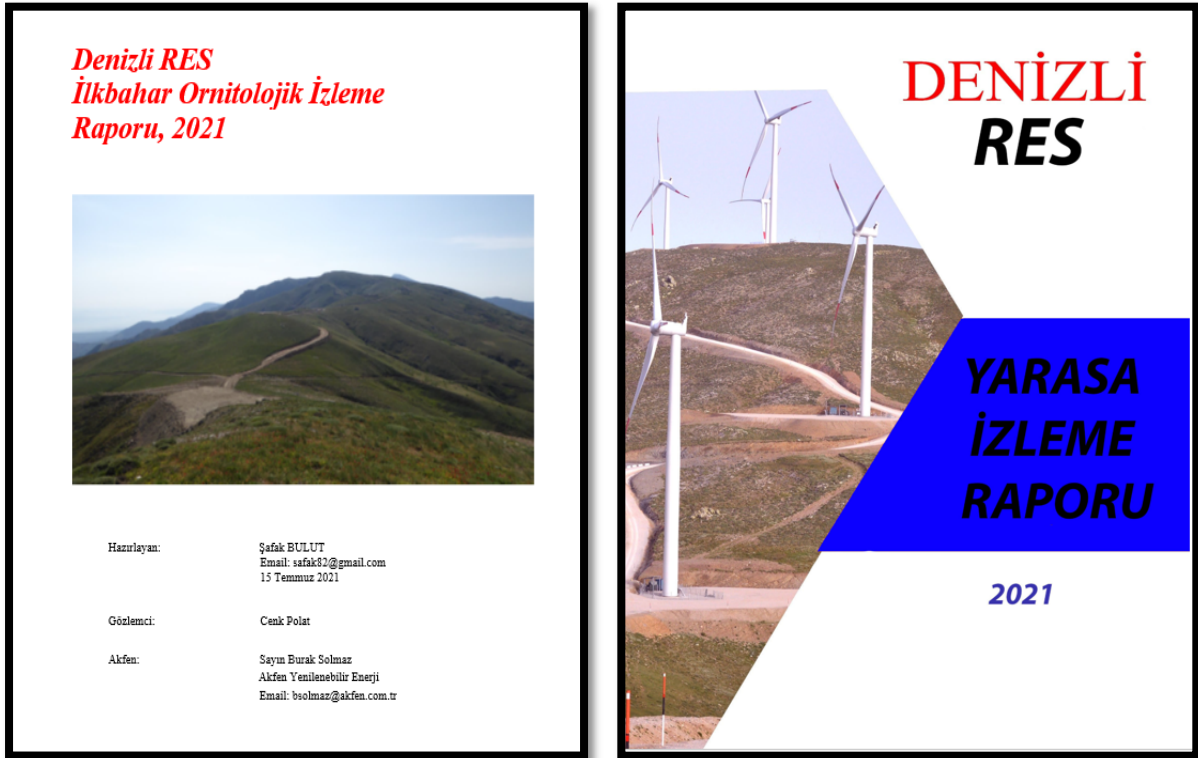


Figure 45. DENİZLİ WPP 2021 BIODIVERSITY MONITORING STUDIES



## ÜÇPINAR WPP

Migratory and resident bird activities were observed between 01 March and 31 May 2021 for the the spring of 2021. No major adverse events were observed in the 2021 monitoring study conducted.

In 2021 Ornithological monitoring, bat monitoring and carcass scanning studies were carried out by Dr. Şafak Bulut, Expert Bio. by V. Umut Filik and permanent observer Özen Dedeoğlu between the dates: 10 August -10 November 2021 (3 Months); 15 March-15 May 2021 (3 Months) and 14 June-27 June 2021. The Ornithological Monitoring Reports and the Bat Monitoring Reports were prepared in this scope. no major adverse events were observed In these monitoring studies conducted for the period of 2021.

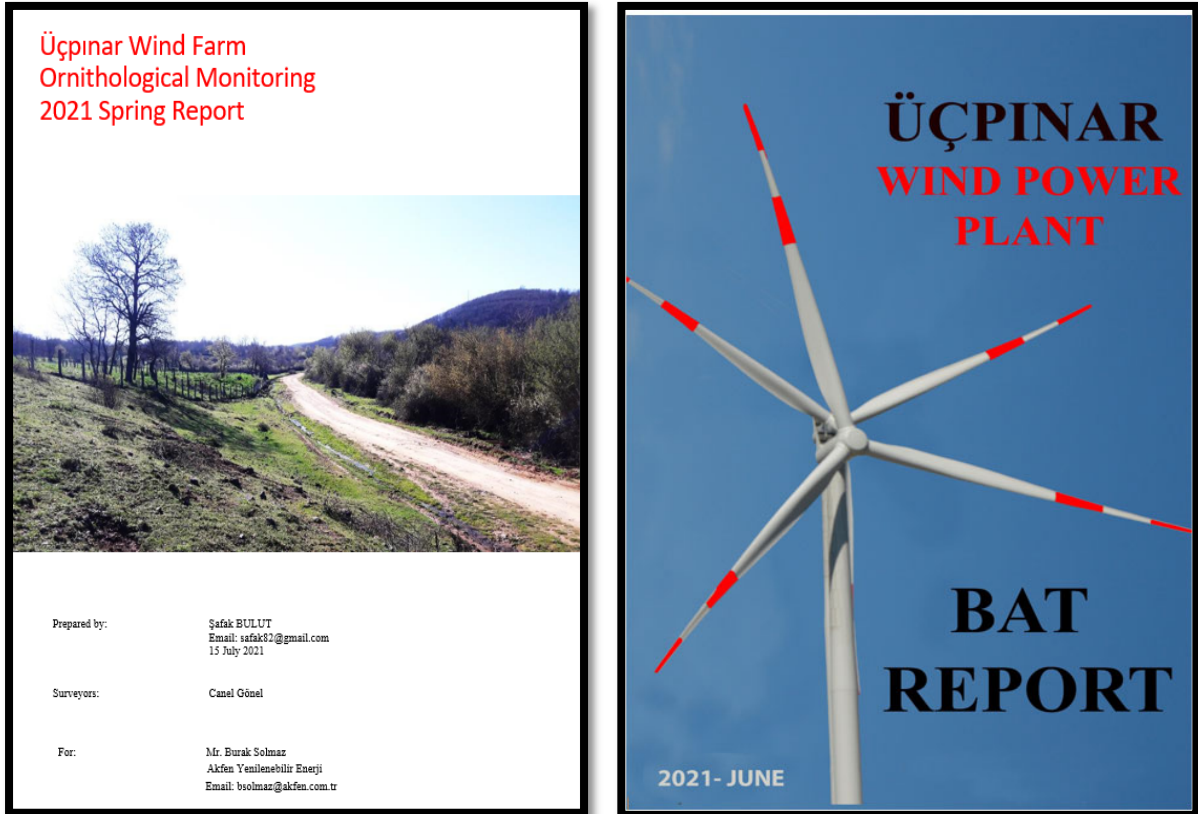


Figure 46. ÜÇPINAR WPP 2021 BIODIVERSITY MONITORING STUDIES



## KOCALAR WPP

In 2021 Ornithological monitoring, bat monitoring and carcass scanning studies were carried out by Dr. Şafak Bulut, Expert Bio. by V. Umut Filik and permanent observer Evren Anil Yıldız between the dates: 10 August -10 November 2021 (3 Months); 15 March-15 May 2021 (3 Months) and 14 June-27 June 2021. The Ornithological Monitoring Reports and the Bat Monitoring Reports were prepared in this scope. no major adverse events were observed in these monitoring studies conducted for the period of 2021.

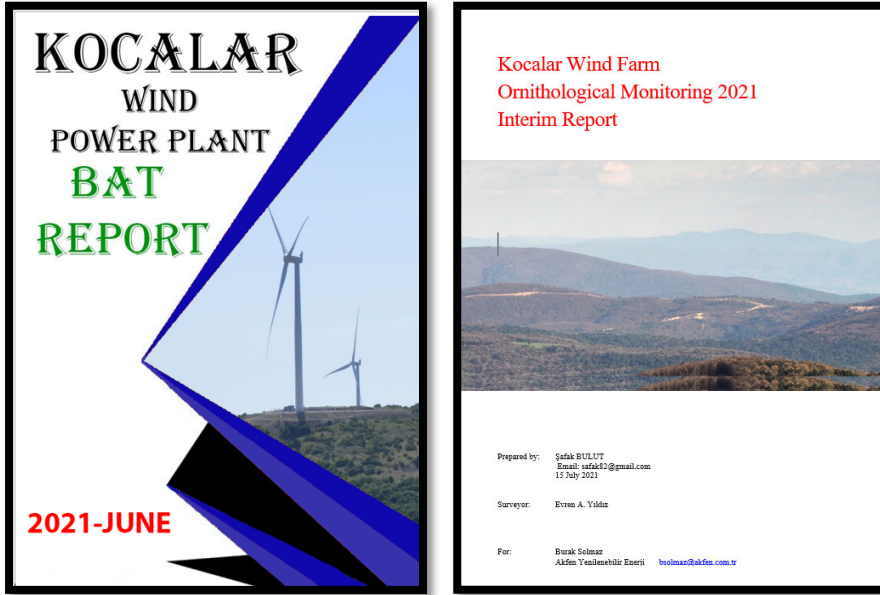


Figure 47. KOCALAR WPP 2021 BIODIVERSITY MONITORING STUDIES

## HASANOBA WPP

In 2021 Ornithological monitoring, bat monitoring and carcass scanning studies were carried out by Dr. Şafak Bulut, Expert Bio. by V. Umut Filik and permanent observer Cenk Polat between the dates: 10 August -10 November 2021 (3 Months); 15 March-15 May 2021 (3 Months) and 14 June-27 June 2021. The Ornithological Monitoring Reports and the Bat Monitoring Reports were prepared in this scope. no major adverse events were observed In these monitoring studies conducted for the period of 2021.

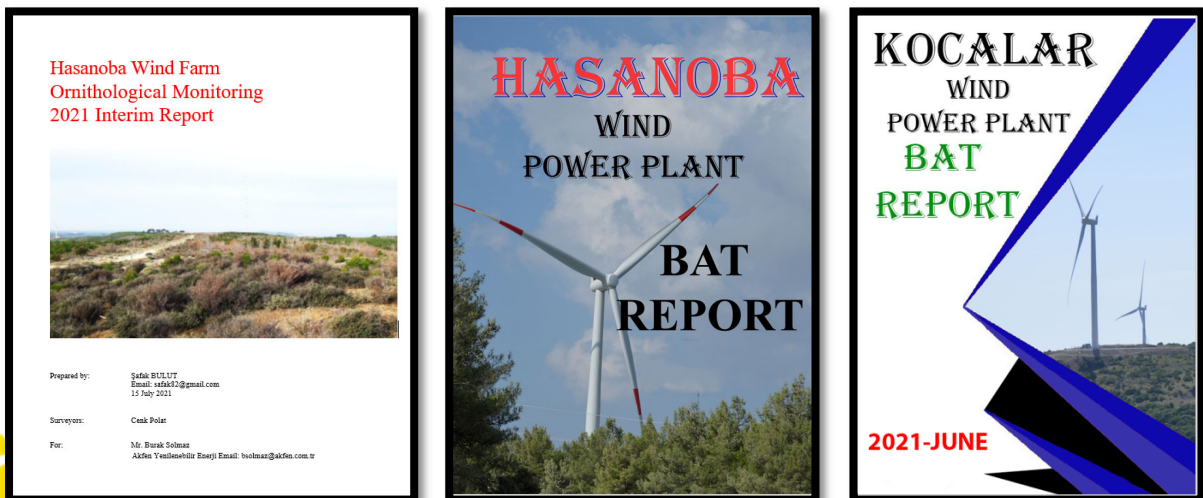


Figure 48. HASANOBA WPP 2021 BIODIVERSITY MONITORING STUDIES

Photographs taken during the biodiversity monitoring studies are listed below.

Photograph of the common kestrel and common buzzard, two of the most frequently encountered birds in the region, included in the 2021 Denizli WPP Ornithological Monitoring Report:



Picture 86. Common kestrel (left *Falco tinnunculus*) and the common buzzard (right *Buteo buteo*). © Süleyman Kenan Çüngür

The European nightjar, one of the target types of ornithological research in the 2021 ÜÇPINAR RES Ornithological Monitoring Report.



Picture 87. The European nightjar (*Caprimulgus europaeus*). @Cenk Polat.

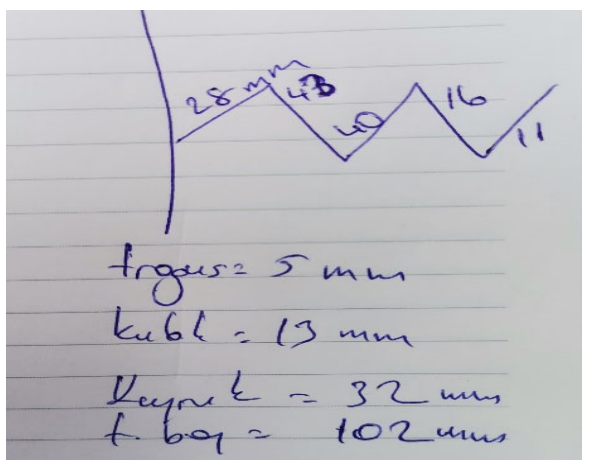
Photos of the bat carcass study included in the 2021 Üçpınar WPP bat report:







Picture 88. *Pipistrellus pipistrellus* carcass



Picture 89. *Nyctalus leisleri* carcass

Honey Buzzard photo in 2021 Kocalar WPP Ornithological Monitoring Report



Picture 90. Honey Buzzard (*Pernis apivorus*), Haziran 2021. © Evren Yıldız.

Photographs of short toed snake eagle and golden eagle included in 2021 Hasanoba WPP Ornithological Monitoring Report



Picture 91. Short-toed Snake-eagle (*Circaetus gallicus*) © Cenk Polat, 2021.





Picture 92. Golden eagle (*Aquila chrysaetos*) © Cenk Polat, 2021.

Bat carcass photos in the 2021 Hasanoba WPP Bat Report:



Picture 93. BAT CARCASSES FOUND AROUND THE TURBINES IN THE WPP AREA

All biodiversity reports were evaluated in WPP and SPP ESAP creditor audits carried out by ARUP and GOLDR. In this context, there is no major non-compliance detected.

## WPP Projects Landscape and Rehabilitation Studies

The following activities were carried out in 2021 regarding WPP Projects Landscape and Rehabilitation Studies and general afforestation studies. In Annex 06, there is a detailed report on the work done.

In the activity period of 2021, keeping the existing flora and fauna at a minimum level of being affected by environmental factors during pre-construction, construction and operation periods in Denizli WPP, Hasanoba WPP, Kocalar WPP and Üçpınar WPP within the scope of Kuzeybatu WPP Project, protecting biodiversity, ensuring sustainable management of living natural resources, Landscape rehabilitation plans and practices have been carried out in order to protect the basic ecological functions of ecosystems and the biological diversity they support, and to support the use of existing living natural resources around the project site.

In the landscape rehabilitation plans in question, the species suitable for the natural vegetation cover were selected in the project areas and hydroseeding application, afforestation works, irrigation, control, maintenance and repair applications were carried out.

In the spring of 2021, a total of 20,000 *Pinus pinea* (nut pine) saplings were planted, 100,000 m<sup>2</sup> hydroseeding was applied, and 14,222 landscape plants were used in the switchyards in the Hasanoba WPP, Üçpınar WPP and Kocalar WPP projects in Çanakkale. A total of 21 working days were worked during the implementation process and 27 workers were employed to employ local workers. After the applications, irrigation, maintenance and controls were made. In the autumn of 2021, a total of 40,000 m<sup>2</sup> hydroseeding application and 10,450 landscape plants were planted around the switchyard area in the Denizli WPP project in Denizli province. During this study, 13 workers were worked with for 5 working days, irrigation, maintenance and controls were made after the application.

In another study carried out in the autumn period, the maintenance and repair works of Hasanoba WPP, Kocalar WPP and Üçpınar WPP projects, for which rehabilitation works were carried out in the spring period, were completed. In this context, 11 working days were worked in three project areas and a total of 6,105 *Pinus pineas* were planted, additional seedlings were planted with the control of all the plants that were planted, the bottom hoeing and the replacement of the seedlings that did not hold. Within the scope of maintenance and repair works, labor force was obtained from the local people and 14 people were employed. In addition to the work in the autumn term of 2021, a total of 2,000 *Pinus sylvestris* (yellow pine) saplings were planted in the Saraçbendi HPP project in Sivas province. Within the scope of the study, 3 working days were worked with 11 people. It was aimed to support the fight against forest fires by planting saplings. With these studies;

- While preparing the landscape rehabilitation plans, the IFC Performance Standard No. 6 "Conservation of Biodiversity and Sustainable Management of Living Natural Resources" and EBRD Performance Requirement No. 6 "Conservation of Biodiversity and Sustainable Management of Living Natural Resources" are met. has been complied with.

- Erosion and soil loss are prevented by providing land stabilization,

- Ecosystem and biological diversity were supported with plant species suitable for natural vegetation,

- Vegetative covering problems are prevented by creating a substrate layer in a way that will meet the technical conditions,

- An aesthetic appearance is provided by minimizing overheating and reinforced concrete appearance in switchyards,

- By blending the natural and cultural landscape in line with the aesthetic and functionality criteria, the visual impact on the project site has been positively supported and the landscape value of the site has been increased.

- Sustainable development was supported.

Table 52. DATA ON LANDSCAPE WORKS DONE IN 2021

PROJECT NAME	DATE	NUMBER OF PLANTED TREES	NUMBER OF LANDSCAPING PLANT SPECIES	SEEDING Hydro-seeding (m <sup>2</sup> )	NUMBER OF WORKERS	WORKING DAY
HASANOBA WPP	09.04.2021	3.520	1.052	30.000	27	3
KOCALAR WPP	12.04.2021	2.000	427	20.000	27	1,5
ÜÇPINAR WPP	13.04.2021	11.200	2.293	50.000	27	9,5
DENİZLİ WPP	26.08.2021	-	10.450	40.000	13	5
KOCALAR WPP	05.11.2021	837	-	-	14	3
ÜÇPINAR WPP	08.11.2021	3.030	-	-	14	5
HASANOBA WPP	13.11.2021	2.238	-	-	14	3
SARAÇBENDİ WPP	01.09.2021	2.000	-	-	11	4,5

In the rehabilitation works carried out in the activity period of 2021, it was concluded that after the 6-month monitoring and control stages of the activities carried out especially in the spring period, 85% success was achieved despite the adverse climate, soil and topography conditions. Hydroseeding applications in rocky areas have been seen to give results, and it is expected to spread and develop by tillering over time. In addition, over 1 million pine seeds planted in these problematic areas are expected to develop in the next five years. Although soil conditions are improved with hydroseeding, irrigation and fertilization applications, it has been observed that the existing natural vegetation also develops, multiplies and produces seeds above normal standards. It has been analyzed that the seeds present in the soil, which was turned upside down during field activities such as excavation and filling during the construction period, spontaneously germinated and spread during the activity period. In addition, a working environment that appeals to the aesthetic tastes of employees and visitors has been created with the landscaping works carried out in the switchyards. As a result of the rehabilitation studies, it has been seen that the visual effect is in full harmony with the natural vegetation and the negative effects are eliminated, and the integrity and continuity are provided in the natural landscape and ecosystem. It is aimed to transform 588 tons of CO<sub>2</sub> into 490 tons of O<sub>2</sub> with a total of 28,000 saplings in all of the rehabilitation practices in 2021.





Picture 94. HYDROSEEDING APPLICATIONS



RESİM 95. PHOTOS OF THE VEGETATION CREATED AFTER THE HYDROSEEDING APPLICATION





Picture 96. TREE PLANT PHOTOS







Picture 97. LANDSCAPE WORKS ON THE POWER PLANT



Provide detailed information on deforestation during the reporting period using the table below.

#### DEFORESTATION INFORMATION

<u>SITE</u>	<u>TOTAL DEFORESTATION AREA</u>	<u>TYPE OF SPECIES LOST</u>	<u>TOTAL REFORESTED AREA</u>	<u>TYPE OF SPECIES PLANTED</u>	<u>RESTORATION FOR COMMERCIAL USE Y/N</u>

No deforestation occurred in 2021.

Use the table below to present detailed information on fishing for fish and other aquatic species during the reporting period.

#### HUNTING OF AQUATIC SPECIES

<u>SITE</u>	<u>HUNTED VOLUME</u>	<u>TYPE OF SPECIES</u>

In accordance with Akfen Renewable® Energy's environmental and social policy, no aquatic or terrestrial fishing has occurred in 2021. All employees were given in-company training on the prohibition of hunting.



## PS8 Cultural Heritage

Using the table below, list the new cultural assets discovered during the project activities during the reporting period.

<u>CULTURAL ASSETS DETECTED</u>	<u>LOCATION</u>	<u>SURVEY DATE</u>	<u>SURVEY TYPE</u>	<u>ADDITIONAL PROTECTION MEASURES TAKEN</u>

In 2021, all facilities are in operation and no cultural assets have been detected.

### PROTECTION OF CULTURAL HERITAGE

In our projects, we did not find any cultural heritage findings. However, the following activities were updated and continued in 2021 for the protection of cultural heritage.

Environmental Social Management Plans have been updated for each power plant. In this context, training contents were prepared and training plans covering all employees were put into operation.

All employees were given a 1-hour training on the Cultural Heritage and Chance Find Procedure.



## Cultural Heritage Education Content



**akfen** YENİLENEBİLİR ENERJİ

Kültür ve tabiat varlıkları açısından son derece önemli olan ülkemiz, zengin ve büyük bir kültürel potansiyele sahiptir. Ülkemiz **arkeolojik** zenginliklerimiz açısından başka hiçbir ülkelye kıyaslanamayacak kadar emsalsiz bir hazine niteliğindedir.

**İşimiz ve özel yaşantımız esnasında herhangi bir nedene karşılaştığımız kültürel mirasları korumak, kollamak her bir bireyin görevidir.**

**akfen** YENİLENEBİLİR ENERJİ

Kavramları tanıyalım;

**Arkeoloji Nedir?**  
Arkeoloji; insanlığın kültürel geçmişini, birbirlerine olan etkisini ve zamanla değişimini inceleyen bilim dalıdır. Arkeoloji kelimesinin kökeni Yunancadan gelmektedir ve ortaya çıkarılma manası taşımaktadır.

**akfen** YENİLENEBİLİR ENERJİ

Kavramları tanıyalım;

**Kültürel Miras Nedir?**  
Geçmiş kuşaklardan günümüze kalan ve korunarak gelecek nesillerin yararına olacak şekilde aktarılan, evrensel değerlere sahip, belirli kriterleri (geleceğe tanıklık etmesi, yaratıcı insan dehasasının ürünü olması, insanlık tarihinin bir veya daha fazla dönemini temsil etmesi vb.) taşıyan tarihi eserler/kaynaklardır.

**akfen** YENİLENEBİLİR ENERJİ

Kavramları tanıyalım;

**Somut Kültürel Miras Nedir?**  
Varlığı duyularla algılanabilen, elle tutulup gözle görülebilen kültürel miras niteliğindeki objelerdir. Taşınabilir ve taşınmaz miras olarak iki gruba ayrılmıştır.

Anıtlar, heykeller, resimler, arkeolojik eserler, kitabeler, kitaplar, ve bunların kalıntıları somut kültürel miras örnekleridir.

**akfen** YENİLENEBİLİR ENERJİ

Kavramları tanıyalım;

**Somut Olmayan Kültürel Miras Nedir?**  
Folklor, gelenekler, dil, sözlü tarih gibi elle tutulamayan ancak kültürümüz ve kültürel tarihimiz için önem arz eden her şey. Örnekler bir sonraki bölümde verilmiştir.

**akfen** YENİLENEBİLİR ENERJİ

**Somut olmayan Kültürel Miras Örnekleri;**

- Sözlü anlatımlar: destanlar, efsaneler, halk hikayeleri, atasözleri, masallar vb.
- Görsel sanatlar: Meddahlık, kukla, halk tiyatrosu
- Toplumsal uygulamalar: Kutlamalar, düğün, nişan uygulamaları vb.
- El sanatları gelenekleri: Dokumacılık, telkari, bakırcılık vb.
- Evrensel özelliği olan uygulamalar: Geleneksel yemekler, halk meteorolojisi, halk hekimliği uygulamaları, halk takvimi vb.

**akfen** YENİLENEBİLİR ENERJİ

**Somut Kültürel Miras ile karşılaştığında ne yapılmalıdır!**  
Taşınır ve taşınmaz kültür ve tabiat varlıklarını bulanlar veya bulunduğunu bilenler **en geç üç gün içinde** en yakın müze müdürlüğüne veya köyde muhtara veya diğer yerlerde mülki idare amirlerine (Vali, Vali Yardımcısı, Kaymakam) bildirmeye mecburdurlar.

**Kültür ve tabiat varlıklarıyla ilgili olarak bildirim yükümlülüğüne mazeretli olmaksızın ve bilerek aykırı hareket eden kişi, altı aydan üç yıla kadar hapis cezası ile cezalandırılır. Bildirimi yapılmamış olan kültür ve tabiat varlığını satışı arz eden, satan, veren, satın alan, kabul eden kişi iki yıldan beş yıla kadar hapis ve beş bin güne kadar adli para cezası ile cezalandırılır.**

**KÜLTÜR VE TABİAT VARLIKLARINI KORUMA KANUNU 67. madde**

**akfen** YENİLENEBİLİR ENERJİ

**Ödül**  
Bulunan eserin; korunması gerekli kültür ve tabiat varlığı olup olmadığı, bildirim yapılan müze uzmanları tarafından belirlenir (Değerlendirme ve Kıymet Takdir Komisyonu).

Komisyonca belirlenen maddeli bedel eseri bulan bireye ödenir.

**akfen** YENİLENEBİLİR ENERJİ

**Kurumsal Sorumluluklarınızı!**  
Santral sahası içinde karşılaştığınız ve somut kültürel miras olduğunu düşündüğünüz eserleri;

- Resimlerini çekiniz ve derhal Santral İşletme Müdürüne bildiriniz
- AKFEN Yenilenebilir® Çevre ve Halkla İlişkiler Müdür Yardımcısına telefonla arayınız ve durumu bildiriniz (İletişim bilgileri santral sahasında duyuru panolarında yayınlanmaktadır)
- Kültürel miras iletişim bilgileri başlığı altında duyuru panolarında belirtilen kişileri bizzat arayınız. (Eh yakın müze yönetimi, Mülki amirler vb.) ve onları talimatlarına uygun hareket ediniz.

**akfen** YENİLENEBİLİR ENERJİ

**Kurumsal Sorumluluklarınızı!**  
Telefonla ilgili iç/dış birimler arandıktan sonra tespit edilen kültürel mirasın çevresel uyarı şartları ile çevrilecek ve yetkili olmayanların yaklaşmaması sağlanacaktır.

**akfen** YENİLENEBİLİR ENERJİ

Lütfen bir sonraki sayfada sıralanan ve bütün santrallerimizde duyuru panolarımızda kamuoyunun ve siz değerli çalışanlarımızın dikkatine sunduğumuz politikalarımızı ve etik kodlarımızı inceleyiniz

Figure 49. CULTURAL HERITAGE TRAINING PRESENTATION FILE

## PK 10 Information Disclosure and Stakeholder Engagement

During the reporting period of 2021, we met regularly with all our stakeholders, particularly on all project developments, information on new investments, corporate social responsibility projects, and issues concerning society and public health.

Ways such as direct interviews, telephone transfers, stakeholder engagement plans and publishing non-technical summaries on the corporate website were used for stakeholder briefing. Representing Akfen Renewable Energy, these meetings were held by the Environmental Management and Public Relations Manager himself. Below are some sample images from the Stakeholder briefings.





Picture 98. EXAMPLES OF STAKEHOLDER ENGAGEMENT STUDIES



## ANNUAL MONITORING REPORT CHAPTER 4 NEW DEVELOPMENTS / CORPORATE FINANCE

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## NEW DEVELOPMENTS

### Social & Environmental Selection / Screening

**Please list the projects that have been evaluated for active development starting from the last reporting period. For the first report, please list the current projects**

Is the new investment in development?  YES |  NO

In 2021, capacity increases in WPP projects and in addition to these, SPP hybrid projects were developed.

The capacity increase in WPP projects in 2021 is as follows:

- Adding 5 units of 5 MWm / 5 Mwe installed power increase within the scope of Denizli WPP Capacity Increase Project,
- Adding 5 units of 5 MWm / 5 Mwe installed power increase within the scope of Hasanoba WPP Capacity Increase Project,
- Adding 5 units of 5 MWm / 5 Mwe installed power increase within the scope of Kocalar WPP Capacity Increase Project,
- Adding 2 units of 4.3 MWm / 3.9 Mwe installed power increase within the scope of Saritepe WPP Capacity Increase Project
- Within the scope of Üçpınar WPP Capacity Extension Project, it is planned to add 2 units of 4.8 MWm / 4.8 Mwe installed power.

RES Projects Capacity increases; EMRA board decision has been taken for a total capacity increase of 92.2 MW for our DENİZLİ, HASANOBA, KOCALAR, UCPINAR, SARITEPE WPP and DEMİRCİLER WPP projects.

The Forest Preliminary Permit Process for the DENİZLİ WPP and SARITEPE WPP capacity increase projects has been completed and the Zoning Plan Process is Continuing.

For KOCALAR WPP, HASANOBA WPP, KOCALAR WPP and ÜÇPINAR WPP capacity increase projects, the Forestry Preliminary Permit Process continues within the scope of property permits.

In addition to increasing the number of turbines in DENİZLİ WPP, HASANOBA WPP, KOCALAR WPP, SARITEPE WPP and ÜÇPINAR WPP, hybrid projects were developed.

Within the scope of hybrid SPP projects:

- KOCALAR WPP capacity increase 4,9572 MWm / 4,9572 MWe 2 locations with Auxiliary Source Capacity;
- ÜÇPINAR WPP capacity increase to 15 locations with 440.0221 MWm/40.0221 MWe Auxiliary Source Capacity,
- HASANOBA WPP capacity increase 11 locations with 12.6846 MWm/12.6846 MWe Auxiliary Source Capacity
- DENİZLİ WPP capacity increase 6.3666 MWm / 6.3666 MWe Auxiliary Source Capacity with 6 locations
- SARITEPE WPP capacity increase 12.9762 MWm/12.9762 Mwe Auxiliary Source Capacity to 5 locations
- DEMİRCİLER WPP capacity increase It is planned to add 2 locations with 13.2678 MWm/13.2678 Mwe Auxiliary Source Capacity.

The EIA processes regarding the permit processes of Kocalar WPP, Üçpınar WPP, Hasanoba WPP, Denizli WPP, Saritepe WPP and Demirciler WPP hybrid projects are continuing, and the zoning plan permit process will be initiated after the EIA process is completed positively.

EMRA board decision process regarding hybrid SPP integration within the scope of Doğançay HPP project has not been clarified yet.

As of 2021, Akfen Renewable Energy's installed power is 706.03 MW. In the event that WPP projects increase in capacity (92.2 MW) and Hybrid SPP projects come into operation (95.57 MW), the total installed power will be 893.80 MW in the future.



## Projects Completed / Under Construction During the Reporting Period

Please complete the table below to list the projects completed during the reporting period, operated by the Company or currently under construction, and to explain how environmental and social risk is managed in these projects. If risk management is not adequately addressed in the following sections, please include any relevant information as needed.

During the 2021 reporting period, there are no projects that are under construction or have been completed

## Selection / Screening Studies Before Project Development

Please complete the table to show how AKFEN Renewable® Energy scans such projects to identify potential negative environmental and/or social impacts that may arise from these potential projects within IFC's Performance Standards. If problems have been identified, please briefly explain how AKFEN Renewable® Energy expects these problems to be managed in accordance with IFC Performance Standards and local law. Please also indicate whether a formal Environmental and Social Impact Assessment has been prepared for each project.

The capacity increase in WPP projects in 2021 and developments related to SPP hybrid projects developed in addition to these are listed below.

Capacity increases and permit processes within the scope of WPP projects are given below.

### CAPACITY INCREASE IN WPP PROJECTS

WPP	UNITS	Mevcut Durum	Kapasite Artışı	Toplam Durum
Denizli WPP Capacity Extension Project Summary Information	Number of Units	22 adet	5 adet	27 adet
	Installed Unit Powers	22 x (3,4 MWm / 3 MWe)	5 x (5 MWm / 5 MWe)	22 x (3,4 MWm / 3 MWe) + 5 x (5 MWm / 5 MWe)
	Total Installed Capacity of the Facility	74,8 MWm/ 66 MWe	25 MWm/ 25 MWe	99,8 MWm/ 91 MWe
	Maximum Annual Production Amount that can be Produced With Installed Power	184.472.600 kWh/yıl	161.000.000 kWh/yıl	245.472.600 kWh/yıl
Hasanoba WPP Capacity Extension Project Summary Information	Number of Units	15 adet	5 adet	20 adet
	Installed Unit Powers	(3,4 MWm/3,4 MWe)	5 x (5MWm / 5 MWe)	[15x(3,4 MWm / 3,4 MWe) + 5x (5 MWm / 5 MWe)]
	Total Installed Capacity of the Facility	51 MWm/51 MWe	25 MWm/25 MWe	76 MWm/76 MWe
	Maximum Annual Production Amount that can be Produced With Installed Power	178.500.000 kWh	76.000.000 kWh	254.500.000 kWh
Kocalar WPP Capacity Extension Project Summary Information	Number of Units	9 adet	5 adet	14 adet
	Installed Unit Powers	8 x (3,4 MWm/3 MWe)+ 1 x (3,4 MWm/2 MWe)	5 x (5MWm / 5 MWe)	8x(3,4 MWm/3 MWe) + 1x (3,4 MWm/2 MWe) + 5x (5 MWm/5 MWe)
	Total Installed Capacity of the Facility	30,6 MWm/26 MWe	25 MWm/25 MWe	55,6 MWm/51 MWe
	Maximum Annual Production Amount that can be Produced With Installed Power	88.051.100 kWh	90.448.900 kWh	178.500.000 kWh
Saritepe WPP Capacity Extension Project Summary Information	Number of Units	20 adet	2 adet	22 adet
	Installed Unit Powers	20x(2,85 MWm / 2,5 MWe)	2x(4,3 MWm / 3,9 MWe)	[20x(2,85 MWm / 2,5 MWe) + 2x(4,3 MWm / 3,9 MWe)]
	Total Installed Capacity of the Facility	57 MWm/ 50 MWe	8,6 MWm/7,8 MWe	65,6 MWm/57,8 MWe
Üçpınar WPP Capacity Extension Project Summary Information	Number of Units	33 adet	2 adet	35 adet
	Installed Unit Powers	33 x (3,4 MWm / 3 MWe)	2 x (4.8MWm / 4.8 MWe)	33x(3,4 MWm / 3 MWe) + 2x(4.8 MWm / 4.8 MWe)
	Total Installed Capacity of the Facility	112,2 MWm/ 99 MWe	9.6 MWm/9.6 MWe	121,8 MWm/108,6 MWe
	Maximum Annual Production Amount that can be Produced With Installed Power	342.254.000 kWh	21.000.000	363.254.000 kWh

In addition to these developments, there are steps taken in the table below regarding the permit processes.

### PERMIT PROCESSES FOR CAPACITY INCREASE OF WPP PROJECTS

WPP CAPACITY INCREASES	EMRA BOARD DECISION	START OF THE EIA PROCESS	PUBLIC PARTICIPATION MEETING	EIA APPROVAL	PROPERTY AND ZONING PERMITS
DENİZLİ WPP	07.11.2019 dated and 8919-18 numbered	13.01.2020	19.02.2020	Decision date: 14.07.2020 Decision Number: 5947	Forest preliminary permission process has been completed. Zoning plan process is ongoing.
HASANOBA WPP	06.11.2020 dated and 9673-14 numbered	27.11.2020	28.12.2020	Decision date: 25.05.2021 Decision Number: 6275	Forest Preliminary Permission Process is ongoing.
KOCALAR WPP	02.07.2020 dated and 9421-19 numbered	14.01.2020	25.08.2020	Decision date: 22.12.2020 Decision Number: 6136	Forest Preliminary Permission Process is ongoing.
SARITEPE WPP	30.01.2020 dated and 9147-15 numbered	04.05.2020	18.06.2020	Decision date: 16.11.2020 Decision Number: 6098	Forest preliminary permission process has been completed. Zoning plan process is ongoing.
ÜÇPINAR WPP	14.11.2019 dated and 8931-15 numbered	14.01.2020	04.03.2020	Decision date: 14.08.2020 Decision Number: 5982	Forest Preliminary Permission Process is ongoing.

In addition to increasing the number of turbines at Denizli WPP, Hasanoba WPP, Kocalar WPP, Saritepe WPP and Üçpinar WPP, hybrid projects were developed. Capacity increases and permit processes within the scope of hybrid projects are given below.

#### HYBRID PROJECTS CAPACITY INCREASE INFORMATION

HYBRID PROJECTS	Main Source Capacity (WPP)	Auxiliary Resource Capacity (SPP)	Number of Auxiliary Source Locations	Total Plant Capacity (Multi-Source Power Generation Plant)
KOCALAR WPP	55,6 MWm/51 MWe	4,9572 MWm / 4,9572 MWe	2	60,5572 MWm/51 MWe
ÜÇPINAR WPP	121,8 MWm/108,6 MWe	40,0221 MWm/40,0221 MWe	15	161,8221 MWm/108,6 MWe
HASANOBA WPP	76 MWm/76 MWe	12,6846 MWm/12,6846 MWe	11	88,6846 MWm/76 MWe
DENİZLİ WPP	99,8 MWm/91 MWe	6,3666 MWm / 6,3666 MWe	6	106,1666 MWm/91 MWe
SARITEPE WPP	65,6 MWm/57,8 MWe	12,9762 MWm/12,9762 MWe	5	78,5762 MWm/57,8000 MWe
DEMİRCİLER WPP	23,3 MWm/23,3 MWe	13,2678 MWm/13,2678 MWe	2	36,5678 MWm/23,3000 MWe
DOĞANÇAY WPP	31,605 MWm / 30,24 MWe	5,296 MWm / 5,152 MWe	5	36,901 MWm/35,392 MWe

In addition to these developments, there are steps taken in the table below regarding the permit processes of hybrid projects.

#### PERMIT PROCESSES FOR HYBRID PROJECTS CAPACITY INCREASE

HYBRID PROJECTS	EMRA BOARD DECISION	START OF THE EIA PROCESS	PUBLIC PARTICIPATION MEETING	EIA APPROVAL/EIA NOT REQUIRED	PROPERTY AND ZONING PERMITS
KOCALAR WPP	19.08.2021 dated and 10368-17 numbered	27.08.2021	in EIA App-2 List No PPM process <sup>31</sup>	EIA process is ongoing	Following the completion of the EIA Process, the Zoning Plan Permit Process will be initiated.
ÜÇPINAR WPP	19.08.2021 dated and 10368-22 numbered	27.08.2021	04.11.2021		
HASANOBA WPP	19.08.2021 dated and 10368-19 numbered	27.08.2021	04.11.2021		
DENİZLİ WPP	19.08.2021 dated and 10368-18 numbered	26.08.2021	in EIA App-2 List No PPM process <sup>6</sup>		
SARITEPE WPP	19.08.2021 dated and 10368-21 numbered	24.08.2021	22.10.2021		
DEMİRCİLER WPP	19.08.2021 dated and 10368-20 numbered	24.08.2021	22.10.2021		
DOĞANÇAY HPP	EMRA board decision process regarding hybrid SPP integration within the scope of Doğançay HPP project has not been clarified yet.	30.03.2021	in EIA App-2 List No PPM process <sup>6</sup>	Decision taken for EIA not required Date: 03.08.2021 Decision number: 2021-35	

<sup>31</sup> Within the scope of the EIA Regulation, there is no Official Public Participation Meeting for SPP projects below 10 MW. However, Akfen Renewable® Energy made information about the process by holding information meetings with both headmen and local peoples.

As of 2021, Akfen Renewable® Energy's installed power is 706.03 MW. In case of RES capacity increases (92.2 MW) and Hybrid SPP projects put into operation (95.57 MW), the total installed power will be 893.80 MW in the future.

The selection and elimination process for newly developed projects in the 2021 period is given in the table below.

The selection and elimination process for newly developed projects in the 2021 period is given in the Table below.

**Table 53. SELECTION AND ELIMINATION PROCESS FOR NEWLY DEVELOPED PROJECTS**

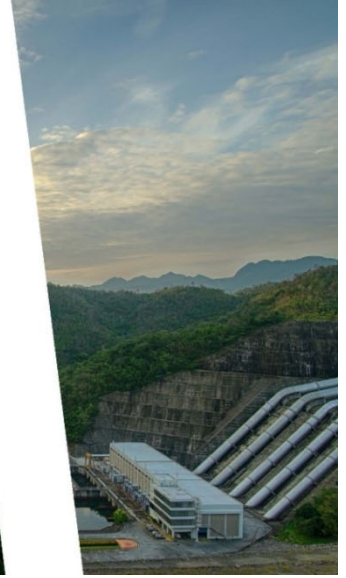
PROJECT	CHECK IF PS IS VALID							SUMMARY OF MANAGEMENT MEASURES	OFFICIAL ESIA HAS BEEN PREPARED?
	PS2	PS3	PS4	PS5	PS6	PS7	PS8		
<b>CAPACITY INCREASED</b> DENİZLİ WPP HASANOBA WPP KOCALAR WPP SARITEPE WPP ÜÇPINAR WPP	+	+	+	+	+	-	+	EIA processes have been initiated. Social impact studies have been initiated. Non-technical summaries have been prepared. Biodiversity monitoring studies have been carried out.	+
<b>Hybrid SPP</b> KOCALAR WPP ÜÇPINAR WPP HASANOBA WPP DENİZLİ WPP SARITEPE WPP DEMİRCİLER WPP DOĞANÇAY HPP	+	+	+	+	+	-	+	EIA processes have been initiated. Social impact studies have been initiated. Non-technical summaries have been prepared. Biodiversity monitoring studies have been carried out.	+



# ANNUAL MONITORING REPORT SECTION 5

## ACTION PLANS

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## Action Plan Status (ESAP) and Update

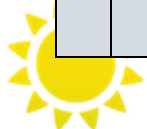
Please provide us with up-to-date information on the current status of the action plan, define when the pending actions will be implemented. Please refer to the first ESAP for indicators and materials to be delivered.

The current ESAP list for 2021 is given below.

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
2	1.1	DEVELOPING AND IMPLEMENTING AN ENVIRONMENTAL, HEALTH AND SAFETY MANAGEMENT SYSTEM AT THE CORPORATE AND FIELD LEVEL. PROVIDING SUITABLE REPORTING LINES TO BE IMPLEMENTED THROUGH AKFEN HOLDING OVER AKFEN ENERJİ. OBTAINING ISO 14001, OHSAS 18001 AND ISO 50001 CERTIFICATES.	- 2018	DEVELOPMENT OF AN IMPLEMENTATION PLAN IN 2015 CORPORATE CERTIFICATION UP TO 2021 NEW AREAS WILL BE IN THE CORPORATE SYSTEM WITHIN 3 YEARS FROM THE DATE OF COMMISSIONING		<p>QUALITY CERTIFICATION WORKS WAS RENOVATED FOR ALL FACILITIES INCLUDING AKFEN RENEWABLE ON OCTOBER 2021. AKFEN YENILENEBİLİR® ENERJİ A.Ş. IT HAS EN ISO 9001:2015, EN ISO 14001:2015, EN ISO 45001:2018 and EN ISO 50001:2018 CERTIFICATES WITHIN ITS HEAD OFFICE AND ALL ITS POWER PLANT. OHSAS 18001:2007 STANDARD WAS CANCELED IN 2018 AND ISO 45001:2018 STANDARD INSTALLED IN PLACE. IN THIS FRAMEWORK, THE INTEGRATED MANAGEMENT SYSTEM HAS BEEN UPDATED BY CONSIDERING THE CURRENT STANDARD CONDITIONS. EN ISO 50001:2011 STANDARD WAS CANCELED IN 2018 AND ITS SUPERVISION EN ISO 50001:2018 STANDARD INSTALLED. IN THIS FRAMEWORK, THE INTEGRATED MANAGEMENT SYSTEM HAS BEEN UPDATED BY CONSIDERING THE CURRENT STANDARD CONDITIONS. ALL PROGRESS IN THIS FIELD IS STATED UNDER THE TITLE “[PS1 PK1] ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL &amp; SOCIAL RISKS AND IMPACTS” in the 2021 ANNUAL REPORT. ENVA ENGINEERING HAS CARRIED OUT THE EVALUATION OF THE FUNCTIONING OF THE INTEGRATED MANAGEMENT SYSTEM AND THE 2nd PARTY SUPERVISION, AUDIT AND MONITORING ACTIVITIES. CURRENT DOCUMENTS REGARDING THE INTEGRATED MANAGEMENT SYSTEM ARE STATED IN THE FOLLOWING SECTIONS IN THE 2021 ANNUAL REPORT.</p> <p><b>TABLE 10</b> INTEGRATED MANAGEMENT SYSTEM CERTIFICATION INFORMATION LIST PLANTS WITHIN THE SCOPE OF <b>TABLE 11</b> DOCUMENT ISO 9001:2015 UPDATED DOCUMENT FOR <b>PICTURE 30</b> AND IQNET ISO 9001:2015 UPDATED DOCUMENT SUPPLEMENT <b>PICTURE 31</b> ICIM ISO 14001:2015 CURRENT DOCUMENT AND IQNET ISO 14001:2015 CURRENT DOCUMENT SUPPLEMENT <b>PICTURE 32</b> ISO 45001:2018 CURRENT DOCUMENT AND IQNET ISO 45001:2018 CURRENT DOCUMENT SUPPLEMENT <b>PICTURE 33</b> ICIM EN ISO 50001:2018 CURRENT DOCUMENT AND IQNET EN ISO 50001:2018 CURRENT DOCUMENT SUPPLEMENT</p>

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
4	1.2	ASSIGNING AND MAINTAINING AN INSTITUTIONAL LEVEL EHS MANAGER AS PART OF THE EHS MANAGEMENT SYSTEM. THIS PERSON WILL ASSUME THE MAIN LIABILITY FOR EACH STAKEHOLDER, NGO, LOCAL COMMUNITY AND GRIEVANCES FROM THIRD PARTIES, AND WILL ALSO REVIEW ALL NEW EIAs FOR NEW PROJECTS AND INTERNAL AUDIT.	DECEMBER 2016	HS ORGANIZATION CHART SUMMARY IN ANNUAL REPORT		EHS ORGANIZATION CHART WAS ESTABLISHED AND AN INSTITUTIONAL LEVEL IS AN ENVIRONMENTAL SOCIAL SYSTEM MANAGER. INSIDE THE MAIN ORGANIZATIONAL STRUCTURE; ESMS ORGANIZATION STRUCTURE WAS ESTABLISHED UNDER THE BOARD OF DIRECTORS TO FULFILL RESPONSIBILITIES WITHIN THE SCOPE OF ENVIRONMENT, SOCIAL AND OHS. THE SCHEME REGARDING THE ORGANIZATION IN MATTER. INSIDE THE 2021 ANNUAL REPORT FIGURE 5 AKFEN YENİLEBİLİR® ENVIRONMENTAL   SOCIAL   OHS   HUMAN RESOURCES ARE INCLUDED IN THE ORGANIZATIONAL STRUCTURE. GRIEVANCE MECHANISM ANNUAL MONITORING REPORT SECTION 3, IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD, ENVIRONMENTAL AND SOCIAL PRACTICES; COMMUNICATION POSTERS MANUFACTURED FIG 18 PRESENTED AS COMMUNICATION POSTERS FOR LOCAL PUBLIC AND EMPLOYEES. WORKS ARE CONDUCTED UNDER BOTH LOCAL REGULATIONS AND IFC EBRD PERFORMANCE CONDITIONS FOR CAPACITY INCREASE AND HYBRID SPP PROJECTS
5	1.3	REATING AN "ENVIRONMENTAL COUNCIL" MADE OF ENVIRONMENTAL, E&S AND SOCIAL EXPERTS ON FACILITIES TO IMPROVE INFORMATION EXCHANGE AND STRATEGIC PLANNING.  DEVELOPMENT OF A PROCEDURE FOR AN INSPECTION AND MAINTENANCE PROGRAM FOR DAM SAFETY ACCORDING TO ICOLD STANDARDS AS PART OF EHS TEAM AND "ENVIRONMENTAL COUNCIL".  IMPLEMENTATION OF THE AUDIT PROGRAM AFTER THE DEVELOPMENT OF THE PROCEDURE.  AS PART OF THE EHS MANAGEMENT PLAN, AN EMERGENCY RESPONSE PLAN INCLUDING EARLY WARNING PROCEDURES TO SOCIETY THREATENING CONDITIONS (AND IMPLEMENTATION IF NEEDED) (RETURN INTO FURTHER YEARS).	2015 - ONGOING	SUMMARIZE IN ANNUAL REPORT		ENVIRONMENTAL COUNCIL, EMERGENCY PLAN AND ICOLD PROCEDURES HAVE BEEN ESTABLISHED. WITHIN THE SCOPE OF ICOLD, SITE VISITS ARE MADE FOR DOĞANÇAY AND ÇAMLICA III PROJECTS AND REQUIRED REPORTS ARE PRODUCED.  ICOLD WITHIN THE SCOPE OF ÇAMLICA III AND DOĞANÇAY DAM IN THE FRAMEWORK OF REQUIREMENTS; <ul style="list-style-type: none"> <li>• WATER LEVEL MONITORING AND ALARM SYSTEM</li> <li>• WIRE FENCE, RAILING, BARRIER ETC. ACCESS LIMITERS</li> <li>• TRANSITION RAMPS FOR THE CONTINUITY OF NATURAL LIFE</li> <li>• FISH PASSES</li> <li>• LIFEGUARD AND BOAT</li> <li>• EXPLOSION PROTECTION</li> <li>• JOINTMETER, CHALLENGE REVIEW ETC. MEASUREMENT SYSTEMS</li> <li>• SEISMIC MOBILITY</li> <li>• STATUS OF CURRENT MONITORING STATIONS</li> <li>• PHYSICAL STATUS OF CONCRETE STRUCTURES</li> <li>• STATUS OF SLOTS AND ACCESS ROADS</li> </ul> IT IS CONTROLLED AND REPORTED. ALL APPLICATIONS DEFINED IN THE DSI ENVIRONMENTAL SECURITY PROTECTION AND WARNING SYSTEMS PROJECT FILES HAVE BEEN OPERATIONAL AT ÇAMLICA III DAM AND DOĞANÇAY POWER PLANTS. AS THE AUTHORIZED ADMINISTRATION, DSI SUPERVISES COMMUNITY HEALTH AND SAFETY AND CONTROLS THE SYSTEM. THE FIELD OBSERVATION REPORT IS ATTACHED AND ALSO APPENDIX 12.

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	1.4	<p>DEVELOP AND IMPLEMENT A CORPORATE AND SOCIAL RESPONSIBILITY (CSR) POLICY FOR THE COMPANY. CREATING SYNERGIES WITH AKFEN GROUP FOUNDATION SOCIAL INVESTMENT ACTIVITIES.</p> <p>THIS PROGRAM; MUST CONTAIN HIGH-QUALITY INFORMATION ABOUT OBJECTIVES, METHODS, TARGET DATES AND KEY PERFORMANCE INDICATORS (KPI) TO ALIGN WITH INSTITUTIONAL REQUIREMENTS. DEVELOP A PROGRAM TO ENSURE COMMUNITY PARTICIPATION FOR EACH FACILITY. PRIORITIZING THE MOST SENSIBLE AND MOST AFFECTED COMMUNITIES IN CSR PROJECTS.</p> <p>PUBLISHING THE CRS REPORT EACH YEAR AS PART OF DECLARATION OF NON-FINANCIAL INFORMATION.</p>	2017 FIRST REPORT FOR 2017 IN 2018	SUBMIT THE STATUS OF IMPLEMENTATION IN THE ANNUAL REPORT COPY OF CSR REPORT	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	<p>AKFEN YENİLENEBİLİR® CORPORATE SOCIAL RESPONSIBILITY POLICY WAS ESTABLISHED, UPDATED WITH SUSTAINABILITY SCOPES IN 2021, AND IT WAS PUBLISHED IN ALL FIELDS WITHIN THE POWER PLANT BUILDINGS AND ON THE CORPORATE WEBSITE.</p> <p>THE SUCH POLICY TEXT AND PUBLICATION ARE STATED IN THE FOLLOWING SECTIONS IN THE 2021 ANNUAL REPORT:</p> <p><b>Figure 18</b> AKFEN RENEWABLE® QUALITY POLICY  <b>Figure 19</b> AKFEN RENEWABLE® OHS POLICY  <b>Figure 20</b> AKFEN RENEWABLE® ENVIRONMENTAL POLICY  <b>Figure 21</b> AKFEN RENEWABLE® ENERGY EFFICIENCY POLICY  <b>Figure 22</b> AKFEN RENEWABLE® SOCIAL RESPONSIBILITY POLICY  <b>Figure 23</b> AKFEN RENEWABLE® POLICY FOR THE PREVENTION OF ANTI-COMPETITIVE ACTIVITIES  <b>Figure 24</b> AKFEN RENEWABLE® HUMAN RESOURCES POLICY  <b>Figure 25</b> AKFEN RENEWABLE® INFORMATION SECURITY POLICY</p> <p>BACKGROUND TO THAT, REGARDING ENVIRONMENTAL OR SOCIAL ISSUES; WORKS DONE WITH NGO'S, LOCAL COMMUNITIES AND ONGOING PUBLIC OPINION AND INFORMATION AND PUBLIC RELATIONS INITIATIVES ARE MENTIONED IN THE PUBLIC RELATIONS INITIATIVES SECTION OF THE 2021 ANNUAL OBSERVATION REPORT. ALSO, THE SOCIAL AID IN THE SAME SECTION ARE DETAILED IN <b>TABLE 23</b> 2021 SOCIAL AID EXAMPLES.</p> <p>OUR CORPORATE POLICIES ARE EXPLAINED IN THE FINAL SECTION OF EACH TRAINING IN THE AKFEN RENEWABLE TRAINING PROGRAM. ENVA ENGINEERING, THE 2nd PARTY MONITORING COMPANY, CONDUCTED THIS TRAINING PROGRAM ON BEHALF OF AKFEN RENEWABLE IN 2021.</p>
	1.5	EXAMINATION AND CONTROL OF LABOR CONDITIONS FOR LONG-TERM (> 1 YEAR) SUBCONTRACTOR COMPANIES PROVIDING SERVICES TO POWER PLANTS.	2015/16 ONGOING	SUMMARY OF THE ANNUAL REPORT DELIVERD TO EBRD AND IFC	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	<p>LABOR CONDITIONS OF CONTRACTORS AND SUB-CONTRACTORS WHICH ARE SERVICED IN THE POWER PLANT OPERATION AND SAFETY ARE CONTROLLED BY ENVA ENGINEERING COMPANY MONTHLY PERIODS.</p> <p><b>ANNEX-03</b> PERIODIC 2nd PARTY AUDIT REPORTS CONTROL CRITERIA; AKFEN RENEWABLE® PROCEDURES AND POWER PLANT MANAGEMENT SYSTEM PLANS AND INSTRUCTIONS WHICH ARE THE ESSENTIAL CRITERIA DURING THE PREPARATION OF THE REQUESTED DOCUMENTS, INTERNATIONAL STANDARDS (INTEGRATED MANAGEMENT SYSTEM STANDARDS AND SA8000 AT MARKET SURVEY).</p> <p>ALL SUCH DOCUMENTS ARE DISCLOSED IN THE ANNUAL REPORT UNDER THE TITLE "[PS1 PK1] EVALUATION AND MANAGEMENT OF ENVIRONMENTAL &amp; SOCIAL RISKS AND IMPACTS".</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	1.6	DEVELOPING AN ENERGY SAVING PROGRAM AND PERFORMING ENERGY EFFICIENCY INSPECTIONS AT EACH POWER PLANT. THIS SHOULD BE COMMITTED AS PART OF ISO 50001 IMPLEMENTATION.	2018	ENERGY EFFICIENCY AUDITS WERE PERFORMED	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	THE ENERGY MANAGEMENT PROGRAM CREATED WITHIN THE INTEGRATED MANAGEMENT SYSTEM WAS REVISED IN THE FRAMEWORK OF EN ISO 5001:2018 STANDARDS. THE ENERGY & GLOBAL RESOURCE CONTROL PROCEDURE IS APPLIED, WHICH IS PREPARED TO COVER OUR CENTRAL AND ALL OF OUR OPERATIONAL PLANTS. FOR INSTANT MONITORING AND CONTROL OF DATA ON ENERGY AND GLOBAL RESOURCES CONSUMPTIONS, RECORD MODULES FOR EACH FACILITY CONSUMPTION DATA ON M-FILES AND GOOGLE DRIVE AND ITS EFFICIENCY. GENERAL INFORMATION ON APPLICATIONS IS EXPLAINED IN THE ANNUAL REPORT [PS3]PK3] UNDER THE TITLE OF RESOURCES AND ENERGY CONSUMPTION, RESOURCES EFFICIENCY AND POLLUTION PREVENTION.
	1.7	IMPROVEMENT OF HEALTH AND SAFETY BY APPROPRIATE EDUCATION AND PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT. TAKING LEVEL 1 LEVEL UP TO 2016 AND LESS THAN 5 TOTAL RECORABLE EVENTS (TRIR). THIS SITUATION APPLIES ONLY TO OPERATIONS IN DIRECT ACTIONS OF THE COMPANY.	2015-17	PROCEDURE IMPROVED	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	OSGB SERVICE IS PROVIDED IN ALL POWER PLANT, THERE ARE APPOINTED OHS SPECIALISTS AND WORKPLACE DOCTORS. IN THIS SCOPE, FIELD CONTROLS ARE PERFORMED MONTHLY PERIOD AT ALL AREAS. A MINIMUM 16 HOURS OF TRAINING IS PROVIDED TO ALL EMPLOYEES WITHIN THE SCOPE OF OHS AND THESE TRAININGS ALSO COVER THE ISSUES REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS USE/CHANGES. PERSONAL PROTECTIVE EQUIPMENT IS DELIVERED TO ALL EMPLOYEES AGAINST SIGNED AND THE SUCH MINUTES ARE STORED WITHIN THE EMPLOYEE FILES. CONSIDERING THE TOTAL NUMBER OF EMPLOYEES, ANNUAL WORKING TIME, NUMBER OF LOST-TIME OCCUPATIONAL ACCIDENTS, NUMBER OF LOST-TIME WORK DAYS AND TOTAL NUMBER OF DEATH, DIRECTLY EMPLOYED EMPLOYEES AND CONTRACTOR'S CONTRACTOR EMPLOYEES GIVEN IN 2021 ANNUAL REPORT BELOW: <b>TABLE 36</b> OHS STATISTICS <b>TABLE 37</b> ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES <b>TABLE 38</b> ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES <b>GRAPH 41</b> ACCIDENTAL EVENT GRAPHS FOR 2021 <b>GRAPH 42</b> ANNUAL LTIR AND TRIR COEFFICIENTS FOR CONTRACTOR EMPLOYEES <b>GRAPH 43</b> ANNUAL LTIR AND TRIR COEFFICIENTS FOR DIRECT EMPLOYEES





IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
3	1.9	<p>DEVELOPMENT OF AN INDEPENDENT IMPACT ASSESSMENT (EIA) PROCEDURE FOR ALL NEW INVESTMENTS FOR THE ENVIRONMENT, BIODIVERSITY AND LOCAL COMMUNITIES AS WELL AS CULTURAL HERITAGE.</p> <p>THIS WILL INCLUDE SUITABLE BIODIVERSITY ASSESSMENTS FOR BIRDS AND BATS - AND AQUATIC STUDIES (FISHES ETC.). DESIGNING A MITIGATION MEASURE FOR EACH PROJECT.</p> <p>EACH NEW PROJECT COVERED BY THE EU EIA DIRECTIVE WILL CONTAIN A SCREENING ASSESSMENT TO BE CONDUCTED BY AKFEN AND ITS CONSULTANTS TO DEFINE THE SCOPE OF THE SITUATION ASSESSMENT (NOT A REQUIRED PROJECT ASSESSMENT). ALL PROJECTS WILL COMPLY WITH NATIONAL REGULATIONS - FINAL EIA MAY COME FROM COMPLEMENTARY INFORMATION DEFINED BY SCREENING ASSESSMENT FOR ENVIRONMENTAL AND SOCIAL ISSUES IN ADDITION TO LOCAL EIA.</p> <p>PUBLISH AND PUBLISH A NON-TECHNICAL SUMMARY (NTS) STAKEHOLDER AFFILIATE PLAN (SEP) ON THE INTERNET FOR ALL PROJECTS WHERE EIA IS REQUIRED, ON THE DATE OF THE ZONING PLAN</p> <p>THE EBRD AND IFC WILL APPROVE ANY CATEGORY A PROJECT.</p>	AFTER 2016 (PRSECURE WILL BE DEVELOPED IN THE FIRST 6 MONTHS OF 2016)	<p>SUMMARY OF THE WORK TAKING ON THE ANNUAL REPORT AND COPY OF NTS OR LINK TO NTS AND WEBSITE IN THE ANNUAL REPORT.</p> <p>OBJECTION TO ANY CATEGORY A PROJECT OR SENSITIVE AREAS (IBA, PROTECTED AREAS, IMPORTANT NATURAL AREAS, ETC.) SHALL BE SUBJECT TO NO OBJECTION FROM EBRD AND IFC BEFORE APPLICATION FOR A CONSTRUCTION LICENSE.</p>	<p>THE DOCUMENT WILL BE PREPARED IN TURKISH AND AN ENGLISH SUMMARY WILL BE SUBMITTED UNDER THE DECISION-MAKING PROCESS IN THE ANNUAL REPORT</p>	<p>RELEVANT PROCEDURES HAVE BEEN DEVELOPED AND THESE PROCEDURES HAVE BEEN EXPLAINED TO ALL EMPLOYEES UNDER THE EHS TRAINING PROGRAM.</p> <p>DETAILED WORKS HAVE BEEN STARTED WITHIN THE IFC EBRD PERFORMANCE CONDITIONS WITHIN THE SCOPE OF WPP CAPACITY INCREASE AND HYBRID SPP PROJECTS. IT WILL BE AVAILABLE IN FINAL DETAIL IN 2022</p> <p>THE CONTENT OF THE TRAINING PROGRAM PRESERVED WITH THE PURPOSE OF PROTECTING CULTURAL HERITAGE IS GIVEN UNDER THE TITLE OF THE ANNUAL REPORT "PS8 CULTURAL HERITAGE".</p> <p>IN 2021, FLORA AND FAUNA MONITORING AND EVALUATION AND LANDSCAPE AND REHABILITATION WORKS PERFORMED WITHIN THE SCOPE OF BIODIVERSITY ACTION PLAN IN 2021 ANNUAL REPORT "[PS6   PK6] BIODIVERSITY CONSERVATION &amp; SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES" EXPLAINED IN DETAIL UNDER THE TITLE.</p> <p>REPORTS ON THE BIODIVERSITY MONITORING STUDIES CARRIED OUT IN 2021 ARE GIVEN IN APPENDIX 08 &amp;10:</p> <p>DENIZLI WPP 2021 SPRING ORNITHOLOGICAL MONITORING REPORT DENIZLI WPP 2021 AUTUMN ORNITHOLOGICAL MONITORING REPORT DENIZLI WPP 2021 AUTUMN BAT REPORT HASANOBA WPP 2021 SPRING ORNITHOLOGICAL MONITORING REPORT HASANOBA WPP 2021 AUTUMN ORNITHOLOGICAL MONITORING REPORT HASANOBA WPP 2021 AUTUMN BAT REPORT KOCALAR WPP 2021 SPRING ORNITHOLOGICAL MONITORING REPORT KOCALAR WPP 2021 AUTUMN BAT REPORT KOCALAR WPP 2021 AUTUMN ORNITHOLOGICAL MONITORING REPORT ÜÇPINAR WPP 2021 SPRING ORNITHOLOGICAL MONITORING REPORT ÜÇPINAR WPP 2021 AUTUMN ORNITHOLOGICAL MONITORING REPORT ÜÇPINAR WPP 2021 AUTUMN BAT REPORT IOTA M. FIRINCI SPP 2021 SPRING BIODIVERSITY AND ORNITHOLOGICAL MONITORING AND EVALUATION REPORT IOTA M. FIRINCI SPP 2021 AUTUMN BIODIVERSITY AND ORNITHOLOGICAL MONITORING AND EVALUATION REPORT ÇAMLICA III DAM AND HPP JULY 2021 FISH CATCH, TRANSPORT AND RELEASE WORKS ÇAMLICA III DAM AND HPP SEPTEMBER 2021 FISH CATCH, TRANSPORT AND RELEASE WORKS STAKEHOLDER ENGAGEMENT PLANS AND NON-TECHNICAL SUMMARIES PREPARED FOR ALL FACILITIES WERE REVISED IN 2021 AND SHARED WITH STAKEHOLDERS AND PUBLISHED ON THE CORPORATE WEBSITE.</p>

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	1.10	<p>A SUITABLE SUPPLEMENTARY SUPPLEMENTARY SUPPLEMENTARY AND SUBSTITUTE FOR ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR ANY WIND FARM LOCATED IN AN AREA DEFINED AS BIRD SENSITIVE IN THE ORITOLOGICAL SCREENING EVALUATION OR ITS CONSULTANTS.</p> <p>ANY WIND FARM, AS DEFINED IN THE SCREEN ASSESSMENT, MUST INCLUDE A CUMULATIVE ASSESSMENT FOR ALL EXISTING AND PLANNED WIND FARM PROJECTS NEAR THE FIELD -</p> <p>NO WIND FARM OR HYDROELECTRIC POWER PLANT SHALL BE POSITIONED ON A CULTURAL HERITAGE AREA OR IN LOCAL, NATIONAL OR INTERNATIONAL PROTECTED AREAS.</p> <p>- AKFEN WILL INVESTIGATE KBA (IMPORTANT NATURE AREAS) FOR KEY PROJECTS AS PART OF THE SCREENING EVALUATION. ONLINE VERSION OF IMPORTANT NATURAL AREAS INVENTORY IN TURKISH LANGUAGE: AVAILABLE AT <a href="http://DOGADERNEGI.ORG/YAYINLARI.ASPX">HTTP://DOGADERNEGI.ORG/YAYINLARI.ASPX</a> AND <a href="http://MILLIPARKLAR.GOV.TR">HTTP://MILLIPARKLAR.GOV.TR</a></p> <p>BY SCAN ASSESSMENT, ANY WIND FARM LOCATED CLOSE TO A SENSITIVE BIRD HABITA OR BIRD MIGRATION ROUTE IS SUBJECT TO PRIOR APPROVAL.</p>	2015 ONGOING	ANNUAL REPORT DELIVERED TO THE BANK	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT IFC WILL NOT BE PUBLISHED IN THE PROJECT DATABASE	<p>REGARDING WPP AND SPP PROJECTS IN THE AKFEN YENİLENEBİLİR® ENERGY PORTFOLIO THE BIOLOGICAL ACTION PLANS APPROVED BY CREDITORS DURING THE OPERATION PERIOD HAVE BEEN COMPLETED. REPORTS ON THESE COMPLETED PROCESSES HAVE BEEN SUPPLIED TO BOTH CREDITORS AND IFC, EBRD AT CERTAIN PERIODS OF THE YEAR. IN ANY OF OUR CURRENT PROJECTS, THERE IS NO MAJOR PROBLEM ABOUT FLORA – FAUNA – ORNITHOLOGY. ESPECIALLY, THE PROJECTS HAVE NO MAJOR EFFECT ON BIRD MIGRATION ROUTES ACCORDING TO THE RESULT OF THE ORNITHOLOGICAL OBSERVATION STUDIES CONDUCTED WITHIN THE SCOPE OF WPP PROJECTS.</p> <p>REPORTS ON BIOLOGICAL DIVERSITY MONITORING STUDIES CARRIED OUT IN 2021 ARE GIVEN IN APPENDIX-08:&amp; APPENDIX 10</p> <p>Denizli WPP 2021 Spring Ornithological Monitoring Report Denizli WPP 2021 Autumn Ornithological Monitoring Report Denizli WPP 2021 Autumn Bat Report Hasanoba WPP 2021 Spring Ornithological Monitoring Report Hasanoba WPP 2021 Autumn Ornithological Monitoring Report Hasanoba WPP 2021 Autumn Bat Report Kocalar WPP 2021 Spring Ornithological Monitoring Report Kocalar WPP 2021 Autumn Bat Report Kocalar WPP 2021 Autumn Ornithological Monitoring Report Üçpınar WPP 2021 Spring Ornithological Monitoring Report Üçpınar WPP 2021 Autumn Ornithological Monitoring Report Üçpınar WPP 2021 Autumn Bat Report Iota M. Fırını SPP 2021 Spring Biodiversity and Ornithological Monitoring and Evaluation Report Iota M. Fırını SPP 2021 Autumn Biodiversity and Ornithological Monitoring and Evaluation Report Çamlıca III Dam and HPP July 2021 Fish Catch, Transport and Release Works Çamlıca III Dam and HPP September 2021 Fish Catch, Transport and Release Works</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	1.11	<p>THE COMPANY WILL NOT DEVELOP ANY NEW PROJECT BASED ON SCANNING AREAS, POSITIONED WITHIN EXISTING OR POTENTIALLY PROTECTED AREAS.</p> <p>-.</p> <p>WHEN A SITE IS LOCATED IN POTENTIALLY SENSITIVE AREAS, SUCH AS NATIONAL PARKS IN THE SCREENING EVALUATION, THE EIA SCOPE WILL BE AGREED WITH EBRD AND IFC</p>	ONGOING	SUITABLE ASSESSMENT OF FIELDS AND PREVENTION OF SENSITIVE LOCATIONS.	<p>THE CATAK HPP PROJECT WILL ONLY BE TAKEN IF IT IS NOT POSITIONED IN PROTECTED AREA A.</p> <p>IF THE COURT DECIDES TO CONTINUE THE PROJECT, THE COMPANY WILL GIVE AN ECOLOGICAL REPORT TO THE EBRD AND IFC SO THAT THE EBRD AND IFC DO NOT OBJECT TO CONTINUE THE PROJECT.</p> <p>THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE</p>	NO PROJECTS HAVE BEEN DEVELOPED IN THE PROTECTED AREAS.



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
10	2.1	DEVELOPING OFFICIAL HUMAN RESOURCES MANAGEMENT SYSTEM AND PROCEDURES WITH SPECIAL ATTENTION TO COMPLAINTS PROCEDURES. THIS MUST INCLUDE SOCIAL OPPORTUNITY ARRANGEMENTS FOR CONSTRUCTION WORKERS BEFORE STARTING CONSTRUCTION ACTIVITIES.	END OF 2017	MANAGEMENT SYSTEM GUIDELINES AND POLICIES WILL BE SUBMITTED TO EBRD AND IFC		<p>REGISTRATION LIST OF SUGGESTION/ COMPLAINT FOR THE YEAR 2021 IS LISTED INSIDE " " IN THE ANNUAL REPORT.</p> <p>EHS ORGANIZATION CHART WAS ESTABLISHED AND AN INSTITUTIONAL LEVEL ENVIRONMENTAL SOCIAL SYSTEM MANAGER IS IN DUTY.</p> <p>INSIDE THE MAIN ORGANIZATIONAL STRUCTURE; ESMS ORGANIZATION STRUCTURE HAS BEEN ESTABLISHED UNDER THE BOARD OF DIRECTORS TO FULFILL RESPONSIBILITIES WITHIN THE SCOPE OF ENVIRONMENT, SOCIAL AND OHS. THE SCHEME REGARDING THE ORGANIZATION IN SUCH. 2021 ANNUAL REPORT FIGURE 5 AKFEN YENEBİLİR® ENVIRONMENTAL   SOCIAL   OHS   HUMAN RESOURCES ARE INCLUDED IN THE ORGANIZATION STRUCTURE.</p> <p>GRIEVANCE MECHANISM ANNUAL MONITORING REPORT SECTION 3, IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD, ENVIRONMENTAL AND SOCIAL PRACTICES; COMMUNICATION POSTERS MANUFACTURED IN FIG. 18 THESE ARE PROVIDED AS COMMUNICATION POSTERS FOR LOCAL PUBLIC AND EMPLOYEES.</p> <p>SUGGESTIONS, REQUESTS AND COMPLAINTS RECEIVED FROM OUR FACILITIES IN 2021 AND DECISIONS/ACTIONS TAKEN AFTER THE ASSESSMENT ARE LISTED IN THE TABLES BELOW.</p> <p><b>TABLE 25</b> HPP PROJECTS REQUEST, SUGGESTION AND COMPLAINT FOLLOW-UP FORM</p> <p><b>TABLE 26</b> SPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM</p> <p><b>TABLE 27</b> WPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM</p> <p><b>GRAPH 6</b> REQUEST/SUGGESTION / COMPLAINTS RATIOS IN 2021 (HPP-WPP-SPP TOTAL)</p> <p><b>GRAPH 7</b> CLOSED / CURRENT ASSESSMENT / RECOMMENDATION / COMPLAINTS RATE (HPP-WPP-SPP TOTAL)</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
9	2.2	<p>DEVELOPMENT OF A HUMAN RESOURCES POLICY AND MANAGEMENT SYSTEM FOR CONTRACTORS AND ALSO SUBCONTRACTORS, BASED ON BEST EFFORTS, INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING, ALL EMPLOYEES</p> <ul style="list-style-type: none"> <li>■ LABOR MANAGEMENT APPROACH</li> <li>■ MANAGEMENT OF LABOR RELATIONS</li> <li>■ ACCESS TO WORKERS' ORGANIZATIONS</li> <li>■ WORKING CONDITIONS AND EMPLOYMENT CONDITIONS</li> <li>■ CHILD LABOR AND DUTY POLICIES</li> <li>■ EQUAL OPPORTUNITIES AND FIGHTING DISCRIMINATION</li> <li>■ PROVIDING SURVEILLANCE FOR CONTRACTOR POLICIES/PROCEDURES</li> </ul>	END OF 2017	<p>WRITTEN HR POLICIES IN ACCORDANCE WITH EBRD PR2 / IFC PS2 AND NATIONAL LABOR LAW DEVELOPING AND ADOPTION OF HR POLICY: BEFORE FUTURE CONSTRUCTION ACTIVITIES. REVIEW/APPROVAL OF CONTRACTOR POLICIES/PROCEDURES: BEFORE WORKING ON THE FIELD IMPLEMENTATION OF HR POLICIES DURING CONSTRUCTION AND OPERATION.</p>		<p>OUR HUMAN RESOURCES POLICY WAS REVISED IN 2021. HR POLICY REVISION NUMBER HAS INCREASED TO 4 WITH LAST ADDITIONS. THESE POLICY TEXTS HAVE BEEN POSTED IN ALL FIELDS AND WORKED FOR THE ADOPTION OF THE COMPANY POLICY BOTH BY TRAINING AND VISUALLY. AKFEN YENİLENEBİLİR® CORPORATE SOCIAL RESPONSIBILITY POLICY WAS ESTABLISHED, UPDATED WITH THE SCOPE OF SUSTAINABILITY IN 2021, AND IT IS PUBLISHED IN ALL AREAS, IN POWER PLANT BUILDINGS AND ON THE CORPORATE WEBSITE. SUCH POLICY TEXT AND PUBLICATION ARE STATED IN THE FOLLOWING SECTIONS IN THE 2021 ANNUAL REPORT:</p> <p><b>Figure 18</b> AKFEN RENEWABLE® QUALITY POLICY  <b>Figure 19</b> AKFEN RENEWABLE® OHS POLICY  <b>Figure 20</b> AKFEN RENEWABLE® ENVIRONMENTAL POLICY  <b>Figure 21</b> AKFEN RENEWABLE® ENERGY EFFICIENCY POLICY  <b>Figure 22</b> AKFEN RENEWABLE® SOCIAL RESPONSIBILITY POLICY  <b>Figure 23</b> AKFEN RENEWABLE® POLICY FOR THE PREVENTION OF ANTI-COMPETITIVE ACTIVITIES  <b>Figure 24</b> AKFEN RENEWABLE® HUMAN RESOURCES POLICY  <b>Figure 25</b> AKFEN RENEWABLE® INFORMATION SECURITY POLICY</p> <p>CHILD LABOR RECRUITMENT, AWARENESS OF EMPLOYEES, WORKING HOURS, DISCRIMINATION, COMMUNICATION, HARASSMENT AND ABUSE THE PREVENTION OF FORCED AND COMPULSORY LABOR, SUPPLIERS MANAGER, SCHOOLING, HEALTH AND SAFETY, PROTECTION OF PERSONAL DATA, WHICH IS SUPPORTED BY LOCAL SOCIO-CULTURAL AND ECONOMIC CONTENTS SOCIAL RESPONSIBILITY POLICY COMPONENTS. POLICY TEXTS HAVE BEEN ANNOUNCED WITH BOTH TRAININGS, AND BY PREPARED IN A0 DIMENSIONS AND HANGING ON THE WALLS AT OUR POWER PLANTS AND PUBLISHED ON OUR CORPORATE WEBSITE<sup>32</sup>.</p>
	2.3	CREATING AND MAINTAINING AN OFFICIAL GRIEVANCE MECHANISM FOR EMPLOYEE AND CONTRACTORS AND DISPOSAL TO THE LABOR ABOUT ITS USES	BEFORE CONSTRUCTION IMPORTANT ISSUES TO BE SUMMARY TO THE EBRD IN THE ANNUAL REPORT	ADOPTING THE OFFICIAL GRIEVANCE MECHANISM DETAILED IN THE SEP	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	<p>GRIEVANCE MECHANISM ANNUAL MONITORING REPORT SECTION 3, IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD, ENVIRONMENTAL AND SOCIAL PRACTICES; COMMUNICATION POSTERS PREPARED BY FIG. 18 PRESENTED AS COMMUNICATION POSTERS FOR LOCAL PUBLIC AND EMPLOYEES</p> <p>THE POWER PLANT COMMUNICATION PLAN AND STAKEHOLDER ENGAGEMENT PLANS, WHICH WERE REVISED SPECIALLY FOR EACH POWER PLANT IN 2021, DESCRIBE ALL OFFICIAL COMPLAINT REGISTRATION MECHANISMS.</p>

<sup>32</sup> <http://akfenren.com.tr/kurumsal-sorumluluk/sosyal-sorumluluk/sosyal-politika> ile

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	2.4	REGULATIONS MUST BE FOUND TO ENSURE CONSTRUCTION WORKERS' ACCESS TO SOCIAL FACILITIES SUCH AS DRINKING WATER, TOILET AND FOOD FACILITIES DURING THE CONSTRUCTION OF STORAGE AREA AND MORE SEMI-PERMANENT FACILITIES	WHEN CONSTRUCTION ACTIVITIES STARTED	REPORT DETAILED ON REGULATIONS FOR CONSTRUCTION WORKERS TO BE SUBMITTED TO EBRD/IFC WHEN CONSTRUCTION STARTS	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	THERE IS NO JOB AT THE CONSTRUCTION PHASE AT THE 2021 ANNUAL REPORT PERIOD.
	2.5	REGULATION OF REGULAR EMPLOYEE STANDARDS AUDITS TO PROVIDE THE BEST OPPORTUNITIES FOR CONTRACTOR AND SUBCONTRACTOR EMPLOYEES TO ENSURE COMPLIANCE WITH EMPLOYMENT LAW AND ILO PRINCIPLES THAT TURKEY IS A PARTY.	DURING CONSTRUCTION AND OPERATION	EMPLOYEE STANDARDS REVIEW REPORTS A SUMMARY OF THESE REVIEWS/AUDITS WILL BE SUBMITTED TO THE EBRD AND IFC IN THE ANNUAL REPORT.	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	OCCUPATIONAL HEALTH & SAFETY FACILITY PROCEDURE HAS BEEN PREPARED AND INSTALLED IN CONSIDERATION OF LEGAL REGULATORY REQUIREMENTS AND ILO PRINCIPLES. REGULAR FIELD INSPECTIONS ARE PERFORMED AND REPORTED UNDER THE CONDITIONS OF THE PROCEDURE. AKFEN RENEWABLE HAS ESTABLISHED A MECHANISM TO AUDIT ALL ITS SUBCONTRACTORS. ENVA MÜHENDİSLİK PERFORMS PERSONAL RIGHTS, WORKING CONDITIONS, OHS PRACTICES AND ESMS AUDIT OF SUBCONTRACTORS IN THIS SCOPE. LEGAL LEGISLATION ON THE SUBJECT FIELD CONTROL REPORTS REFERENCES TO THE TERMS AND CONDITIONS OF THE ILO. <b>APPENDIX 03. PARTY AUDIT REPORTS</b>
	3.1	ENSURING REFERENCE TO THE MEASURES DEFINED IN THE EHSS CASTING REPORT TO PREVENT AND REDUCE THE RISK OF POLLUTION. PERFORMING AN INTERNAL AUDIT AT THE END OF 2018 TO ASSESS CONFIDENCE WITH ESAP AND WITH ESDD FINDINGS. DEVELOPING AN ADDITIONAL ACTION PLAN AS PART OF EHS MANAGEMENT SYSTEMS	2018	REPORT ON IDENTIFIED PROBLEMS AND CORRECTIVE ACTIONS TAKEN OR PLANNED AT THE END OF 2018	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	WORK ON POLLUTION PREVENTION AND INTERVENTION UNDER THE TITLE "[PS3]PK3] RESOURCE EFFICIENCY AND POLLUTION PREVENTION" OF THE ANNUAL REPORT GIVEN.  ENVIRONMENTAL NOISE, LIQUID WASTE, HAZARDOUS MATERIALS LEAK & SPILL, RESPONSE PREPARATIONS, TEMPORARY WASTE STORAGE AND RESOURCES AND ENERGY CONSUMPTION ARE THE MAIN ISSUES EVALUATED UNDER THIS TOPIC.  WITHIN THE SCOPE OF THE ENVIRONMENTAL SOCIAL MANAGEMENT PLAN OPERATED, ALL INSPECTIONS UNDER THE SCOPE OF ES-OHS AND INTEGRATED MANAGEMENT ARE PERFORMED BY THE SECOND PARTY SURVEILLANCE COMPANY ENVA MÜHENDİSLİK.



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
15	3.2	<p>TAKING UP AN ENVIRONMENTAL SURVEILLANCE ASSESSMENT ON EVERY EXISTING AND FUTURE HPP TO VERIFY THE EFFECTIVENESS OF ECOLOGICAL FLOWS. THIS MUST CONSIDER THE FOLLOWING FACTORS:</p> <ul style="list-style-type: none"> <li>• ECOLOGICAL FLOWS MAINTAIN WATER QUALITY (TEMPERATURE, DISSOLVED OXYGEN, ETC.);</li> <li>• ECOLOGICAL FLOWS CAN SUPPORT FISH POPULATIONS, ESPECIALLY THE MORE DANGEROUS SPECIES; AND</li> <li>• CAN ECOLOGICAL FLOWS PROVIDE CURRENT CAPACITY TO SUPPORT LAYING, HATTING, GROWTH AND FISH TRANSITION? VERIFYING THE EXISTENCE AND SUITABILITY OF THE DIMENSIONS OF FISH PROTECTION GRILLS IN WATER INLETS.</li> </ul>	2018 OR AFTER COMMISSIONING OF A NEW HPP.	REPORT ON THE FINDINGS OF THE ASSESSMENT TO BE SUITABLE TO EBRD/IFC BY END 2018 TO BE DISCUSSED WITH SIGNIFICANT INTERNAL SHAREHOLDERS		<p>THERE ARE CURRENT OBSERVATION STATION (NETWORK) IN HES. THE AMOUNT OF ECOLOGICAL CURRENT LEFT DUE TO THESE NETWORKS LOCATED IN THE LOWER SECTION OF THE HPP IS CONTINUOUSLY MEASURED. FLOW VALUES ARE ALSO TRANSFERRED TO DSI ONLINE. WITHIN THE SCOPE OF ÇAMLICA III HPP; FISH CATCH, TRANSPORT AND RELEASE WORKS SUCCESSFULLY COMPLETED. SPECIES DETECTED IN THIS CONTEXT ARE STATED IN THE ANNUAL REPORT UNDER THE TITLE OF BIODIVERSITY MONITORING ACTIVITIES IN HPP PROJECTS. WITH THESE WORKS, THE EFFICIENCY OF ECOLOGICAL FLOWS HAS BEEN CONFIRMED.</p>
	3.3	SUBMISSION OF ANNUAL REPORT TO EBRD AND IFC - WITH GREENHOUSE GAS SAVINGS INVENTORY FROM PORTFOLIO.	END OF 2016 AND EVERY YEAR AFTER THAT FOR GREENHOUSE GAS INVENTORY.	SUBMITTING THE REPORT ON THE PROCEDURES AND SYSTEMS TO BE IMPLEMENTED TO THE EBRD AND IFC	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	<p>2021 ENERGY &amp; GLOBAL RESOURCE CONSUMPTION AMOUNTS ARE CALCULATED FROM FACILITY BASED ELECTRICITY CONSUMPTION, NATURAL GAS CONSUMPTION, DIESEL FUEL CONSUMPTION AND WATER CONSUMPTION. THE TABLES AND GRAPHS OFFERED IN THIS CONTEXT ARE:</p> <p><b>TABLE 45</b> AKFEN RENEWABLE<sup>®</sup>CENTER AND FACILITIES CO2 REDUCTION TABLE  <b>GRAPH 44</b> 2021 POWER PLANT GENERATION DATA  <b>TABLE 46</b> ELECTRICITY GENERATION AND GREENHOUSE GAS REDUCTION AMOUNTS BY YEARS  <b>GRAPH 45</b> 2016-2021 ELECTRICITY GENERATION AMOUNT GRAPH  <b>GRAPH 46</b> 2016-2021 GREENHOUSE GAS REDUCTION AMOUNTS GRAPH</p> <p>ELECTRICITY NEEDS AT ALL OF OUR POWER PLANTS ARE MEETED WITH INDOOR TRANSFORMERS (HPP-SPP-WPP) OR ROOF-TOOP PHOTOVOLTAIC SYSTEMS INSTALLED ONLY TO MEET INTERNAL REQUIREMENTS. THEREFORE, CO2 EMISSIONS DUE TO ELECTRICITY CONSUMPTION ARE NOT IN CONDITION.</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
11	4.1	<p>AKFEN H&amp;S WILL REVIEW AND ADAPT ITS PLANS ACCORDING TO EBRD PR4 / IFC PS2 AND PS4 REQUIREMENTS. THE PLANS MUST PROVIDE GUIDANCE TO ALL PROJECT-RELATED ACTIVITIES DURING THE CONSTRUCTION AND OPERATION PERIOD. THE REQUIREMENTS WILL INCLUDE (BUT NOT LIMITED TO) THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>• JOB AND TASK SPECIFIC HAZARD AND RISK ANALYSIS AND CONTROLS ON ACTIVITIES.</li> <li>• PROVISION OF PPE (PERSONAL PROTECTIVE EQUIPMENT), REQUIREMENTS FOR PPE USE, AND IMPLEMENTATION OF PPE USE.</li> <li>• PROVIDING SAFETY TRAINING TO ALL PERSONNEL ON HAZARDS TO THEIR BUSINESS (eg: DRIVER SAFETY TRAINING FOR DRIVERS OF SHIPMENT TRUCKS AND ALSO WORKING SERVICE BUS) AND DRIVING TRAINING</li> <li>• DEVELOPMENT OF AN ACCIDENTAL INVESTIGATION PROGRAM. TOTAL WORKING HOURS, SERIOUS INJURY, LOST TIME ETC. STORING EVENT STATISTICS, INCLUDING.</li> <li>• DEVELOPMENT OF A MEDICAL MONITORING PROGRAM FOR EMPLOYEES.</li> <li>• ENSURING THE IMPLEMENTATION OF A WORK PERMISSION SYSTEM INCLUDING BOTH LABOR AND CONTRACTORS FOR DANGEROUS TASKS SUCH AS WORKING IN TIGHT AREAS.</li> <li>• CREATING AND IMPLEMENTING THE "LOCK / TAG" SYSTEM.</li> <li>• IMPLEMENTATION OF WORKPLACE HAZARD SURVEY.</li> <li>• POSITIONING SAFETY SIGNS WHERE NECESSARY. SAFETY SIGNS FIRE SAFETY, EMERGENCY RESPONSE, NOISE, PERSONAL PROTECTIVE EQUIPMENT, NO SMOKING, TRAFFIC CONTROL ETC. THE ELEMENTS MUST BE ADDRESSED.</li> </ul>	2016- THROUGHOUT THE LIFE CYCLE OF PROJECTS	HEALTH AND SAFETY MANAGEMENT PLAN COPIES OF UPDATED PROCEDURES RECORDS OF INTERNAL AND EXTERNAL AUDIT		<p>EBRD PR4 / IFC PS2 AND PS4 REQUIREMENTS APPLY TO AKFEN H&amp;S PLANS. THE FOLLOWING SYSTEM DOCUMENTS HAVE BEEN PREPARED FOR THE SUCH MATTERS.</p> <ul style="list-style-type: none"> <li>• OCCUPATIONAL HEALTH &amp; SAFETY FACILITY PROCEDURE</li> <li>• POWER PLANT SECURITY PLAN</li> </ul> <p>THESE DOCUMENTS PREPARED</p> <ul style="list-style-type: none"> <li>- JOB AND MISSION SPECIFIC HAZARD AND RISK ANALYSIS AND CONTROLS ON ACTIVITIES</li> <li>- EMERGENCY ACTION PLANS</li> <li>- PERSONAL PROTECTIVE EQUIPMENT</li> <li>- OHS TRAINING</li> <li>- OHS INDICATORS</li> <li>- WORK PERMISSION SYSTEM APPLICATIONS</li> <li>- "LOCK / TAG" SYSTEM APPLICATIONS</li> <li>- WORKPLACE HAZARD SURVEILLANCE</li> <li>- SAFETY SIGNS</li> </ul> <p>IT IS PREPARED TO INCLUDE THE REQUIREMENTS AND THE APPLICATIONS ARE INSPECTED BY PERIODIC FIELD CONTROLS PERFORMED BY ENVA ENGINEERING. (SEE <b>APPENDIX 03</b> 2nd PARTY AUDIT REPORTS)</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
12	4.2	FOCAL AND COMMUNITIES TO CONSULTATION PRESENT EMERGENCY RESPONSE PLANS, FIRE LEAST FLOOD RESPONSE, COLLISIONS, SERIOUS INJURY OR DEATH OR LIFETIME OF PROJECTS WITHIN REASONABLE ANTICIPATED OTHER EVENTS TO INCLUDE EBRD AND IFC REQUIREMENTS FOR INVESTIGATION MIND, THE AND UPDATING. REGULAR TRAINING AND EXERCISES.	2016 - CONTINUING	UPDATED EMERGENCY RESPONSE PLAN		EMERGENCY ACTION PLANS AT ALL PLANTS OHS EXERCISES ARE PERFORMED AT ANNUAL PERIODS. PRACTICE RECORDS ARE STORED AT ALL PLANTS AND ARE INQUIRED DURING MONTHLY FIELD INSPECTIONS. • NAMES OF EMERGENCY RESPONSE TEAMS IT IS STATED ON BOARDS PREPARED IN STANDARD FORMAT IN ALL FIELD. • SPECIAL TRAININGS ARE PROVIDED TO EMERGENCY RESPONSE TEAMS. EXERCISES WERE PERFORMED AND REGISTERED WITHIN THE FRAMEWORK OF THE INSTRUCTIONS TO FIGHT COVID-19.
	4.3	REGULAR INSPECTION OF FIRE EXTINGUISHING SYSTEM/EQUIPMENT, INCLUDING FIRE EXTINGUISHERS IN OFFICES AND BUSINESS AREAS, AS REQUIRED. PROVIDING TRAINING TO STAFF AND PREPARING/HANGING RELATED INSTRUCTIONS.	2016	PRESENCE OF FIRE EXTINGUISHING EQUIPMENT AND FIRE EXTINGUISHING WATER	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	FIRE EXTINGUISHING SYSTEM CONTROLS ARE DEFINED IN THE INSTRUCTIONS FOR PLANNED ACTIONS. IN THIS SCOPE, THESE PERIODIC CONTROLS ARE FOLLOWED AND CONTROLLED. MARKING IS MADE ACCORDING TO COLOR CODE APPLICATION ON CONTROLS. A SPECIAL INSTRUCTIONS REGARDING HOW TO PERFORM MONTHLY FIRE EXCHANGE CONTROLS HAS BEEN PREPARED AND DELIVERED TO ALL PLANTS.
14	5.1	ADAPTATION OF THE OFFICIAL COMPLAINTS MECHANISM, IMPLEMENTATION OF THE STAKEHOLDER AFFILIATE PLAN AND DEVELOPMENT OF A LAND SERVICE AND COMPENSATION FRAMEWORK.	2017	CERTIFICATION OF STAKEHOLDER AFFILIATES, INCLUDING LAND ACQUISITION ANNUAL REPORT ON STAKEHOLDER SUBSIDIARIES  SUBMISSION OF A REPORT TO THE EBRD AND IFC ON THE FRAMEWORK OF LAND ACQUISITION		GRIEVANCE MECHANISM ANNUAL MONITORING REPORT SECTION 3, IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES REGARDING THE REPORTING PERIOD, ENVIRONMENTAL AND SOCIAL PRACTICES; COMMUNICATION POSTERS PREPARED AS “ <b>FIGURE 18</b> COMMUNICATION POSTERS FOR LOCAL PUBLIC AND EMPLOYEES” THE POWER PLANT COMMUNICATION PLAN AND STAKEHOLDER ENGAGEMENT PLANS, WHICH WERE REVISED SPECIALLY FOR EACH POWER PLANT IN 2021, DESCRIBE ALL OFFICIAL COMPLAINT REGISTRATION MECHANISM.



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	5.2	IMPLEMENTING THE SEP (SEE ACTION 10.1 TO DEVELOP A SEP) AND THE OFFICIAL GRIEVANCE MECHANISM AND CONTINUING CONSULTATION WITH PEOPLE AFFECTED BY THE LAND SERVICE.	PRIOR TO ACQUISITION OF LAND AS REQUIRED	CERTIFICATION OF STAKEHOLDER AFFILIATES, INCLUDING LAND ACQUISITION ANNUAL REPORT ON STAKEHOLDER SUBSIDIARIES	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	<p>ALL OF THE SUGGESTIONS AND COMPLAINTS RECEIVED IN 2021 ARE LISTED IN THE ANNUAL REPORT. GRIEVANCE MECHANISM ANNUAL MONITORING REPORT SECTION 3, IMPORTANT ENVIRONMENTAL AND SOCIAL ISSUES RELATING TO THE REPORTING PERIOD, ENVIRONMENTAL AND SOCIAL PRACTICES; COMMUNICATION POSTERS PREPARED FIGURE 18 COMMUNICATION POSTERS FOR LOCAL PUBLIC AND EMPLOYEES HAVE BEEN PRESENTED.</p> <p>SUGGESTIONS, REQUESTS AND COMPLAINTS RECEIVED FROM OUR FACILITIES IN 2021 AND DECISIONS/ACTIONS TAKEN AFTER THE ASSESSMENT LISTED IN THE 2021 ANNUAL MONITORING REPORT: <b>TABLE 25</b> HPP PROJECTS REQUEST, SUGGESTION AND COMPLAINT FOLLOW-UP FORM <b>TABLE 26</b> SPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM <b>TABLE 27</b> WPP PROJECTS SUGGESTION, REQUEST AND COMPLAINT FOLLOW-UP FORM <b>GRAPH 6</b> REQUEST/SUGGESTION / COMPLAINTS RATIOS IN 2021 (HPP-RES-GES TOTAL) <b>GRAPH 7</b> CLOSED / CURRENT ASSESSMENT / RECOMMENDATION / COMPLAINTS RATE (HPP-WPP-SPP TOTAL)</p> <p>GIVEN IN TABLES AND GRAPHICS.</p>
	5.3	SUBMITTING A PROGRESSIVE UPDATE FOR CLOSING ALL LAND ACQUISITION CLAIMS RELATED TO DORUK HPP.	JUNE 2016	QUARTERLY REPORT ON PROGRESS TO EBRD AND IFC	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	<p>INSTEAD OF 2 PROPERTIES, EXHIBITION WORKS HAVE BEEN COMPLETED WITHIN THE SCOPE OF DORUK HPP PROJECT. THESE TWO IMPROVEMENTS (Island 105 – Plot No. 1, COURT PROCESSES CONTINUE</p>



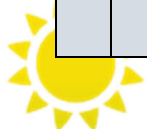
IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
13	5.4	<p>DEVELOPING A FRAMEWORK FOR LAND ACQUISITION AND COMPENSATION FOR NEW PROJECTS, INCLUDING RELEVANT INFRASTRUCTURE SUCH AS ELECTRIC LINES WHERE POSSIBLE AND TO THE EXTENT POSSIBLE. PERFORMING RISK ASSESSMENT OF RELEVANT INFRASTRUCTURE FOR EACH PROJECT, EVEN IF NOT DEVELOPED BY AKFEN.</p> <p>THE OBJECTIVES OF THE FRAMEWORK WILL EXPLAIN HOW TO DO THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>■ PREVENTION OR REDUCTION OF RESETTLEMENT, ECONOMIC RELOCATION</li> <li>■ ASSESSMENT OF APPLICABLE ALTERNATIVE PROJECT DESIGNS</li> <li>■ REDUCING THE NEGATIVE SOCIAL AND ECONOMIC IMPACTS FROM LAND ACQUISITION</li> <li>■ GIVEN COMPENSATION ACCORDING TO THE COST OF REPLACEMENT FOR LOSS OF ASSETS</li> <li>■ IMPROVE OR AT LEAST RESTORE LIVES AND LIVING STANDARDS.</li> </ul>	END OF 2016	SUBMISSION OF A REPORT TO THE EBRD AND IFC ON THE FRAMEWORK OF LAND ACQUISITION		<p>BECAUSE THE PERMISSION PROCESS CONTINUES IN 2021, NO LAND ACQUISITION AND COMPENSATION HAS BEEN MADE FOR THE PURCHASE OF LAND WITHIN THE SCOPE OF WPP CAPACITY INCREASE PROJECTS.</p> <p>IN 2022 PERIOD, AFTER COMPLETING THE PERMISSION PROCESS, THE NECESSARY STUDIES WILL BE CONDUCTED IN THE FRAMEWORK OF OUR CURRENT POLICIES.</p>
	6.1	PERFORM PRE-CONSTRUCTION ECOLOGICAL SURVEY FOR THE HIGH VOLTAGE LINE PROJECT IN LOCATIONS WITH PROTECTED SPECIES DETECTED IN THE EIA AND DEVELOPMENT OF IMPACT MITIGATION / PROTECTION PLANS FOR THE SITE.	BEFORE STARTING CONSTRUCTION.	SUBMITTING A REPORT TO THE EBRD AND IFC ON SIGNIFICANT FINDINGS OF STUDY AND IMPLEMENTED MEASURES TO BE USED TO BE INTERNAL	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	IN OUR WPP AND SPP PROJECTS, ENERGY TRANSMISSION LINES ARE OBSERVED BY EXPERTS BEFORE CONSTRUCTION AND AFTER CONSTRUCTION AND MONITORING-EVALUATION REPORTS ARE PREPARED. DUE TO THE EXISTENCE OF TRANSPORT LINES, THERE IS NO MAJOR NEGATIVE REGARD TO FLORA AND FAUNA ISSUES.



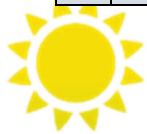
IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	6.2	EVALUATION OF LOCAL SPECIES RISK, NOMAG AND GENERAL BIRD-RELATED RISKS AND THE RESEARCH STUDY OF THE RESEARCH STUDY FOR THE EVALUATION OF APPROPRIATE MILITARY MEASURES AS A PART OF THE PROJECT DESIGN AND THE RENOVATION OF THE RESEARCH STUDY.	AS PART OF PLANNING FOR ALL FUTURE WIND FARMS TO BE COMPLETED BEFORE THE DETAILED DESIGN IS FINALIZED.	SUBMISSION TO THE EBRD AND IFC ON FINDINGS OF STUDY AND MEASURES IMPLEMENTED.	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	<p>WPP IN AKFEN RENEWABLE® ENERGY PORTFOLIO AND BEFORE CONSTRUCTION, CONSTRUCTION WITH RELATED TO SPP PROJECTS APPROVED BY CREDITERS DURING THE PERIOD AND THE OPERATING PERIOD THE BIOLOGICAL ACTION PLANS ARE COMPLETED. REPORTS ON THESE COMPLETED PROCESSES HAVE BEEN SUPPLIED TO BOTH CREDITORS AND IFC, EBRD AT CERTAIN PERIODS OF THE YEAR. IN ANY OF OUR CURRENT PROJECTS, THERE IS NO MAJOR PROBLEM ABOUT FLORA – FAUNA – ORNITHOLOGY. ESPECIALLY, THE PROJECTS HAVE NO MAJOR EFFECT ON BIRD MIGRATION ROUTES ACCORDING TO THE RESULT OF THE ORNITHOLOGICAL OBSERVATION STUDIES CONDUCTED WITHIN THE SCOPE OF WPP PROJECTS. REPORTS ON BIOLOGICAL DIVERSITY MONITORING STUDIES CARRIED OUT IN 2021 ARE GIVEN IN APPENDIX 08&amp;10:</p> <p>Denizli WPP 2021 Spring Ornithological Monitoring Report Denizli WPP 2021 Autumn Ornithological Monitoring Report Denizli WPP 2021 Autumn Bat Report Hasanoba WPP 2021 Spring Ornithological Monitoring Report Hasanoba WPP 2021 Autumn Ornithological Monitoring Report Hasanoba WPP 2021 Autumn Bat Report Kocalar WPP 2021 Spring Ornithological Monitoring Report Kocalar WPP 2021 Autumn Bat Report Kocalar WPP 2021 Autumn Ornithological Monitoring Report Üçpınar WPP 2021 Spring Ornithological Monitoring Report Üçpınar WPP 2021 Autumn Ornithological Monitoring Report Üçpınar WPP 2021 Autumn Bat Report Iota M. Fırıncı SPP 2021 Spring Biodiversity and Ornithological Monitoring and Evaluation Report Iota M. Fırıncı SPP 2021 Autumn Biodiversity and Ornithological Monitoring and Evaluation Report Çamlıca III Dam and HPP July 2021 Fish Catch, Transport and Release Works Çamlıca III Dam and HPP September 2021 Fish Catch, Transport and Release Works</p>



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	6.4	NEED TO CONTINUE A POST-CONSTRUCTION SURVEY SYSTEM FOR HYDROELECTRIC PLANTS AND WIND FARMS TO ASSESS POST-CONSTRUCTION IMPACTS AND LIMIT LIMITATION OF SUCH IMPACTS. THESE CAN BE DONE THROUGH ACTIVE TURBINE MANAGEMENT OR FLOW MANAGEMENT.	ONGOING	COMPLIANCE WITH LICENSES AND HIGHEST PRACTICE TO LIMIT NET ECOLOGICAL IMPACT.  INFORMATION IN THE ANNUAL REPORT. VERIFICATION EVERY 5 YEARS BY AN INDEPENDENT AUDIT.	ACTION PLANS MAY REDUCE OPERATIONS.  THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	THERE ARE CURRENT OBSERVATION STATION (NETWORK) IN HPP. ATTENTION IS ATTENDED TO PROVIDE THE REQUIRED ECOLOGICAL WATER/LIFE WATER AND AGRICULTURAL IRRIGATION AMOUNT IN THE CURRENT HPPS IN EXISTING HPPS. WATER IS DELIVERED AND CONTINUOUSLY MEASURED AT THE FLOW DETERMINED AS THE ECOLOGICAL CURRENT AMOUNT IN ACCORDANCE WITH THE EDR OF THE PROJECT.  THE AMOUNT OF ECOLOGICAL CURRENT RELEASED DUE TO THESE NETWORKS IN THE DOWNLOAD SECTION OF THE HPP IS CONTINUOUSLY MEASURED. THE RECORDS OF THE MEASUREMENTS MADE ARE REGULARLY FOLLOWED ONLINE BY DSI.  FLOW VALUES ARE ALSO TRANSFERRED TO DSI ONLINE.  TWICE A YEAR ON JULY AND SEPTEMBER 2021 IN ÇAMLICA III HPP PROJECT BY ENVA ENGINEERING CONSULTANCY; FISH CATCH, TRANSPORT AND RELEASE WORKS SUCCESSFULLY COMPLETED. SPECIES DETECTED IN THIS CONTEXT ARE STATED IN THE ANNUAL REPORT UNDER THE TITLE OF BIODIVERSITY MONITORING ACTIVITIES IN HPP PROJECTS. THE OPERATION OF THE FISH PASSES IN HYDROELECTRIC PLANTS WHERE FISH PASSES ARE AVAILABLE WAS CONTROLLED. NO NON-CONFORMITY WAS DETECTED IN ALL OF THE FACILITIES.  POST-CONSTRUCTION ORNITHOLOGICAL MONITORING STUDIES CONTINUED IN WIND PORTFOLIOS AND NO MAJOR INCONFORMITY HAS BEEN DETECTED.
	6.5	MAINTAIN A MINIMUM WATER FLOW IN ALL HYDROELECTRIC POWER PLANT PROJECTS TO ENSURE NO LOSS OF BIODIVERSITY AND TO ENSURE ANY NEGATIVE IMPACTS TO FLOW-DOWN WATER USERS.	ONGOING	COMPLIANCE WITH LICENSES AND HIGHEST PRACTICE TO LIMIT NET ECOLOGICAL IMPACT.  INFORMATION IN THE ANNUAL REPORT. VERIFICATION EVERY 5 YEARS BY AN INDEPENDENT AUDIT.	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE.	THERE ARE CURRENT OBSERVATION STATION (NETWORK) IN HPP. ATTENTION IS ATTENDED TO PROVIDE THE REQUIRED ECOLOGICAL WATER/LIFE WATER AND AGRICULTURAL IRRIGATION AMOUNT IN THE CURRENT HPPS IN EXISTING HPPS. WATER IS DELIVERED AND CONTINUOUSLY MEASURED AT THE FLOW DETERMINED AS THE ECOLOGICAL CURRENT AMOUNT IN ACCORDANCE WITH THE EDR OF THE PROJECT.  THE AMOUNT OF ECOLOGICAL CURRENT RELEASED DUE TO THESE NETWORKS IN THE DOWNLOAD SECTION OF THE HPP IS CONTINUOUSLY MEASURED. THE RECORDS OF THE MEASUREMENTS MADE ARE REGULARLY FOLLOWED ONLINE BY DSI.  FLOW VALUES ARE ALSO TRANSFERRED TO DSI ONLINE.



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
1	7.1	EIA PROCESS FOR EACH NEW PROJECT TO CONSIDER THE RANGE OF CULTURAL HERITAGE ISSUES DEVELOPMENT AND IMPLEMENTATION OF THE PROCEDURE OF THE 'ARTICLE OCCURRED' TO BE USED DURING ALL CONSTRUCTION ACTIVITIES AND TO SUPPORT THE MANAGEMENT OF ARCHAEOLOGICAL FINDINGS.	IT WILL BE IMPLEMENTED AS PART OF EDUCATION EHS MANAGEMENT SYSTEM DEVELOPMENT AT THE END OF 2016.	THE COMPLETE EIA HAS BEEN ACCEPTED AND ASSESSED BY THE NATIONAL LICENSE ISSUING AUTHORITY.		THE CONTENT OF THE TRAINING PROGRAM, PREPARED TO PROTECT CULTURAL HERITAGE, IS GIVEN UNDER THE TITLE "PS8 CULTURAL HERITAGE" IN THE ANNUAL REPORT.  THE PROCEDURE FOR CHANCE FINDS IS AVAILABLE AND UPDATED. EACH EMPLOYEE IS ENSURED TO BE TRAINED ON THE PROCEDURE FOR CHANCE FINDS. NO CULTURAL FINDINGS DETECTED IN 2021 REPORTING YEAR.
6	10.1	DEVELOPMENT AND IMPLEMENTATION OF A CORPORATE COMMUNICATION PLAN AND IMPLEMENTATION OF SUCH PLANS AT THE COMPANY LEVEL. DEVELOP SEPARATE STAKEHOLDER AFFILIATES PLANS (SEP) FOR EACH PROJECT (AT LEAST FOR EACH MAIN INVESTMENT). THIS MUST INCLUDE THE DEVELOPMENT AND IMPLEMENTATION OF A COMPLAINTS MECHANISM. SEP SHOULD BE REVIEWED AND UPDATED ANNUALLY IF NEEDED OR WHEN THERE ARE CHANGES TO PROJECTS.  SEP(S) SHOULD ADDRESS POTENTIAL PROBLEMS posed BY NGOs IN TURKEY. IF NEEDED, AN INTERVIEW MUST BE MADE TO THE EXTENT APPROPRIATE. MAKING A RECORD OF RISKS TO COMMUNITY AS PART OF HSE MANAGEMENT AS THE SEP AND DEVELOPMENT, IMPLEMENTATION AND MONITORING OF MITIGATION MEASURES. THE REGISTRATION MUST BE PREPARED BY AN EXPERT FAMILIAR WITH THE IMPLEMENTATION OF CORRECT PRACTICE IN THE INTERNATIONAL INDUSTRY REGARDING HYDROELECTRIC DIAGRAMS.	2016- THROUGHOUT THE LIFE CYCLE OF ONGOING PROJECTS	PUBLISHING THE SEP ON THE WEBSITE AND ANNOUNCEMENT TO AFFECTED STAKEHOLDERS. INCLUDING THE IMPLEMENTATION SUMMARY IN ANNUAL REPORTS TO EBRD AND IFC		ALL PROJECT DEVELOPMENTS, INFORMATION ON NEW INVESTMENTS, CORPORATE SOCIAL RESPONSIBILITY PROJECTS, SOCIAL AND PUBLIC HEALTH ISSUES IN THE 2021 REPORTING PERIOD.  PROJECT SPECIFIC STAKEHOLDER ENGAGEMENT PLANS (SEP) HAVE BEEN DEVELOPED FOR EACH PROJECT, UPDATES WERE MADE IN 2021 AND SHARED WITH THE STAKEHOLDERS BOTH ON THE CORPORATE WEBSITE AND BY HANDS.  MEASURES SUCH AS DIRECT INTERVIEWS, PHONE TRANSFER, STAKEHOLDER ENGAGEMENT PLANS AND POSTING NON-TECHNICAL SUMMARY ON THE CORPORATE WEBSITE ARE USED IN STAKEHOLDER DISCLAIMERS. REPRESENTING AKFEN YENİLENEBİLİR®, THESE MEETINGS WERE HELD BY THE MANAGER OF ENVIRONMENTAL MANAGEMENT AND PUBLIC RELATIONS.



IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
7	10.2	OVERSIGHT OF IMPLEMENTATION OF THE SEP AND THE GRIEVANCE MECHANISM TO PROVIDE A CONTINUOUS AND SYSTEMATIC STAKEHOLDER ENGAGEMENT PROGRAM THROUGHOUT THE LIFECYCLES OF PROJECTS. DOCUMENT OF ALL STAKEHOLDER ACTIVITIES AND REGISTER COMPLAINTS TO BE MENTIONED IN THE ANNUAL SURVEY REPORT. The SEP SHOULD BE REVIEWED AND UPDATED ANNUALLY IF NEEDED OR WHEN SIGNIFICANT CHANGES TO THE PROJECT.	2016- THROUGHOUT THE LIFE CYCLE OF ONGOING PROJECTS	CERTIFICATION OF STAKEHOLDER AFFILIATES ACTIVITIES DOCUMENTATION AND RECORD KEEPING OF COMPLAINTS, RESPONSE TO COMPLAINTS.  SUMMARY OF STAKEHOLDER SUBSIDIARIES AND COMPLAINTS IN ANNUAL REPORT		<p>ALL STAKEHOLDER ENGAGEMENT PLANS ARE PUBLISHED ON WWW.AKFENREN.COM.TR.</p> <p>WITHIN THE SCOPE OF CAPACITY INCREASE OF NEWLY DEVELOPED WPP PROJECTS:                      - DENİZLİ WIND POWER PLANT CAPACITY INCREASE PUBLIC PARTICIPATION MEETING                      - HANNOBA WIND POWER PLANT CAPACITY INCREASE PUBLIC PARTICIPATION MEETING                      - KOCALAR WIND POWER PLANT CAPACITY INCREASE PUBLIC PARTICIPATION MEETING                      - SARITEPE WIND POWER PLANT CAPACITY INCREASE PUBLIC PARTICIPATION MEETING                      - UCPINAR WIND POWER PLANT CAPACITY INCREASE PUBLIC PARTICIPATION MEETING DONE.</p> <p>WITH THE PURPOSE OF INFORMING THE LOCAL PUBLIC WITHIN THE SCOPE OF HYBRID PROJECTS:                      - DEMİRCİLER AUXILIARY WELDING SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING                      - HANNOBA AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING                      - SARITEPE AUXILIARY WELDING SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING                      - UCPINAR AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING                      - DENİZLİ AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC PARTICIPATION MEETING                      - KOCALAR AUXILIARY RESOURCE SOLAR POWER PLANT PROJECT PUBLIC INFORMATION MEETING EXECUTED.</p> <p>PROMOTIONAL BROCHURES AND NON-TECHNICAL SUMMARIES FOR EACH HYBRID PROJECTS ARE DISTRIBUTED TO ALL STAKEHOLDERS. IN THE SUBJECT DOCUMENTS; DESCRIPTION AND AIM OF THE PROJECT, ENVIRONMENTAL AND SOCIAL IMPACTS, HEALTH AND SAFETY ASSESSMENTS AND BENEFITS OF THE PROJECT ARE EXPLAINED.</p>
8	10.3	DEVELOPING A CORPORATE WEBSITE, INCLUDING A SUSTAINABILITY PAGE, AND PUBLISHING APPROPRIATE NTS AND SOCIAL INFORMATION BROCHURES ON THIS WEBSITE FOR NEW PROJECTS.	2016	GIVEN THE WEBSITE LINK IN THE ANNUAL REPORT		<p>PROMOTIONAL BROCHURES RELATED TO THE POWER PLANTS HAVE BEEN REVISED IN 2021.</p> <p>ALL STAKEHOLDER ENGAGEMENT PLANS IT IS PUBLISHED ON WWW.AKFENREN.COM.TR. WITHIN THE SCOPE OF NEW DEVELOPED CAPACITY INCREASE WPP PROJECTS PUBLIC PARTICIPATION MEETINGS HAVE BEEN HELD TO ALL STAKEHOLDERS NON-TECHNICAL SUMMARIES HAVE BEEN DISTRIBUTED.</p>

IFC NO	EBRD NO.	ACTION	TIMELINE ACTION TO BE COMPLETED	OBJECTIVE AND EVALUATION CRITERIA FOR SUCCESSFUL IMPLEMENTATION	COMMENT	PROGRESS UPDATE
	10.4	GIVEN A LINK TO THE PROJECT DESCRIPTION, ESIA PROCESS, ENVIRONMENTAL AND SOCIAL BENEFITS/IMPACTS, MITIGATION AND MANAGEMENT MEASURES AND SEP FOR EACH UNDER CONSTRUCTION OR FUTURE NEW PROJECT. DEVELOPMENT OF A SUITABLE NON-TECHNICAL SUMMARY (NTS) AND PUBLIC BROCHURE CONTAINING CONTACT INFORMATION FOR CONTACT.	AS PART OF DEVELOPMENT, PLANNING, DESIGN, CONSTRUCTION AND COMMISSIONING IN EVERY PROJECT	PUBLISHING SEP AND NTS	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	PROMOTIONAL BROCHURES AND NON-TECHNICAL SUMMARY OF THE PLANTS WERE PREPARED IN 2021, AND THEY WERE DISTRIBUTED TO RELATED PARTIES / PUBLISHED ON THE CORPORATE WEB PAGE.
	10.5	THE APPOINTMENT OF A COMMUNITY LIAISON OFFICER (CLO) WITH APPROPRIATE SKILLS AND EXPERIENCE TO EFFECTIVELY MANAGE THE IMPLEMENTATION OF SEP EVERY SITE.	BEFORE CONSTRUCTION	APPOINTMENT OF CLO ORGANIZATION CHART	THIS ACTION WILL BE INCLUDED IN THE AGREEMENT BUT WILL NOT BE PUBLISHED IN THE IFC PROJECT DATABASE	AS SHOWN IN THE ORGANIZATION CHARTS IN THE ANNUAL MONITORING REPORT FOR 2021, BURAK SOLMAZ IS WORKING AS THE ENVIRONMENTAL SYSTEM AND PUBLIC RELATIONS MANAGER AND IS ASSIGNED AS DIRECT CONTACT RESPONSIBLE FOR EACH FACILITY.  CONTACT INFORMATION OF BURAK SOLMAZ, ENVIRONMENTAL AND PUBLIC RELATIONS MANAGER, HAS BEEN PUBLISHED IN AND OUTSIDE THE PLANTS AND ALSO SHARED WITH ALL STAKEHOLDERS.  FOLLOW-UP OF CORPORATE SOCIAL RESPONSIBILITY PROJECTS; THE FOLLOW-UP AND RESPONSIBILITY OF GRIEVANCE MECHANISM (SUGGESTIONS, COMPLAINTS AND REQUESTS) IS MANAGED BY THE ENVIRONMENTAL AND PUBLIC RELATIONS MANAGER BURAK SOLMAZ.





## ANNUAL MONITORING REPORT SECTION 6 DEVIATIONS / NON-COMPLIANCES

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The following are the deviation/non-compliances identified in reference to the following:  
(i) IFC's Performance Standards; (ii) Environmental and Social Action Plan; (iii) Non-compliance with local environmental and Social regulations iv) Applicable EHS Guidelines  
If there is no Non-compliances/deviations please record and provide additional information if necessary.

Areas of Interests	Non- Compliances Identified	Corrective Action Plan	Status of Completion	Completion Date
[PS2] LABOR AND WORKING CONDITIONS	HSE incentives could not be delivered in 2021 due to the pandemic.	As part of the incentives of the employees, an award ceremony will be held in the 1st term of 2022 .	open	2022-quarter 1.
[PS2] LABOR AND WORKING CONDITIONS	The existing grievance mechanism is not sufficient for sexual harassment and discrimination problems. Areas should be opened where women employees believe that they can express themselves more freely.	Ethics line (Hotline) will be activated.  It will be ensured that the personnel and experts involved in the evaluation of the issues coming through the ethics line receive training within the scope of ISO 26000:2018.	open	30.12.2022



## APPENDICES

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APPENDIX- 01 ESMP PREPARED AND REVISED IN 2021

APPENDIX- 02 AKFEN RENEWABLE® ENERGY TRAINING PROGRAM

APPENDIX- 03 ENVA MÜHENDİSLİK SITE OBSERVATION REPORTS

APPENDIX- 04 POWER PLANT COMMUNICATION INSTRUCTIONS

APPENDIX- 05 2021 OCCUPATIONAL HYGIENE MEASUREMENT REPORTS

APPENDIX- 06 RES PROJECTS LANDSCAPE AND REHABILITATION STUDIES

APPENDIX- 07 OFF-SITE EMERGENCY PLAN

APPENDIX- 08 BIODIVERSITY WORKS

APPENDIX- 09 EMPLOYEE SATISFACTION AND EMPLOYEE STRESS ASSESSMENT SURVEY

APPENDIX-10 FISH CATCHING, TRANSPORT AND RELEASE WORKS

APPENDIX- 11 2021 ICOLD CONTROL REPORTS

APPENDIX- 12 FISH PASSES AND FLOW OBSERVATION STATIONS (AGI) FIELD OBSERVATION REPORT

APPENDIX- 13 P05- HUMAN RESOURCES PROCEDURE

APPENDIX- 14 NON-TECHNICAL SUMMARY OF HYBRID SPP PROJECTS

