

**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED					YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
1	GÜZELHİSAR DAM			■	TURKEY İzmir	EARTH + ROCK FILL	89	-			■			1975-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
2	DOĞANCI DAM (Selahattin Saygı)			■	TURKEY Bursa	ROCK FILL	82	-			■			1975-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
3	KÜLTEPE DAM		■		TURKEY Kırşehir	EARTH FILL	42.7	-			■			1976-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
4	İVRİZ DAM		■	■	TURKEY Konya	EARTH FILL	45	-			■			1976-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
5	SEVİŞLER DAM		■		TURKEY Manisa	EARTH FILL	65	-			■			1977-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
6	KALECİK DAM		■		TURKEY Osmaniye	ROCK FILL	80	-			■			1977-1978	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
7	KIZILDERE DAM & KÖKLÜCE HEPP	■	■		TURKEY Tokat	EARTH + ROCK FILL	50	90			■			1975-1978	Diversion-Bottom Outlet, Spillway, Energy Water Intake Structure, Energy Tunnel Excavation, Shoring and Partial Coating, Surge Tank	INDIVIDUALLY	DSİ, Contractor
8	KAYABOĞAZI DAM		■		TURKEY Kütahya	EARTH + ROCK FILL	45	-			■			1976-1979	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
9	ALTINKAYA DAM & HEPP	■		■	TURKEY Samsun	ROCK FILL	195	700		■				1976-1979	Cofferdams, Diversion Structures (including Gate)	EPDC, SU-İŞ, TMB	DSİ
10	DERBENT DAM & HEPP	■	■	■	TURKEY Samsun	ROCK FILL	37	56		■				1976-1979	Spillway, Diversion and Energy Water Intake Structure	EPDC, SU-İŞ, TMB	DSİ
11	KOVALI DAM		■		TURKEY Kayseri	EARTH FILL	48.5	-			■			1977-1979	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
12	OYMAPINAR DAM & HEPP	■			TURKEY Antalya	CONCRETE ARCH	185	540			■			1979-1981	Dam Crest, Tail Water Outlet Structure Switchyard (Const.)	INDIVIDUALLY	DSİ, Contractor
13	KOÇKÖPRÜ DAM & HEPP	■	■		TURKEY Van	ROCK FILL	60	8.5		(2)	(1)		(1) 1979-1981 (2) 1986-1987	(1) Entire Dam Except the Body (2) Energy Structures	INDIVIDUALLY	DSİ, Contractor	
14	ALTINKAYA DAM & HEPP	■		■	TURKEY Samsun	ROCK FILL	195	700			■			1979-1981	Diversion Structures	INDIVIDUALLY	DSİ, Contractor

- Su-Yapı has been working on Dams and HEPP since 1964. This list includes the services that have been performed after year 1975.

- The explanation on the items with (+) for detail design services is given on page 16/16.

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		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
15	KAYRAKTEPE DAM & HEPP	■		■	TURKEY Mersin	ROCK FILL	196	420	■					1980-1982	Cofferdams, Diversion-Bottom Outlet Structures, Body, Spillway, Energy Water Intake Structure, Switchyard	EPDC, SU-İŞ, TMB	EİEİ
16	AĞÇAŞAR DAM		■		TURKEY Kayseri	EARTH FILL	30	-		■				1977-1985	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
17	MANAVGAT DAM & HEPP	■			TURKEY Antalya	EARTH FILL	31	40		■				1983-1986	Entire Dam Except the Body and Hydromechanical	INDIVIDUALLY	KEPEZ Elec. Inc., Contractor
18	BÜYÜKÇEKMECE DAM			■	TURKEY İstanbul	EARTH FILL	11.4	-		■				1984-1986	Spillway	INDIVIDUALLY	DSİ, Contractor
19	ÇATÖREN DAM		■		TURKEY Eskişehir	EARTH FILL	45	-		■				1984-1986	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
20	SEKKÖY DAM			■	TURKEY Muğla	EARTH FILL	40	-		■	■			1985-1986	Entire Dam	INDIVIDUALLY	TEK, Contractor
21	LAMAS III & IV HYDROELECTRICITY STAGES	■			TURKEY Mersin	RIVER POWER PLANT	40	IIIA 9.35 IIIB 9.35 IV 22.95	■					1986-1987	Entire Dam	INDIVIDUALLY	TGT
22	BOYABAT DAM & HEPP	■			TURKEY Sinop	CONCRETE GRAVITY	195	510		■				1985-1987	Power Plant Building, Control Building and Roads	EPDC, SU-İŞ, TMB	DSİ
23	KAPULUKAYA DAM & HEPP	■		■	TURKEY Kırıkkale	EARTH FILL	63	51		■				1979-1987	Diversion-Bottom Outlet, Spillway, Energy Structure	INDIVIDUALLY	DSİ, Contractor
24	KILIÇKAYA DAM & HEPP	■			TURKEY Tokat	ROCK FILL	140	120		■				1980-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
25	MENZELET DAM & HEPP	■	■	■	TURKEY K.Maraş	ROCK FILL	150.5	120		■				1980-1987	Entire Dam (A revis.project has been submitted for the body)	INDIVIDUALLY	DSİ, Contractor
26	ALTINKAYA DAM & HEPP	■		■	TURKEY Samsun	ROCK FILL	195	700		■	■			1982-1988	Consultancy, Supervision Services	EPDC, SUİŞ, TMB	DSİ
27	ADIGÜZEL DAM & HEPP	■	■	■	TURKEY Denizli	ROCK FILL	145	61		■				1982-1987	Energy Structures and HEPP	INDIVIDUALLY	DSİ, Müteahhit
28	KARACAÖREN DAM & HEPP	■	■	■	TURKEY Burdur	EARTH FILL	95	32		■				1982-1987	Energy Structures and HEPP	INDIVIDUALLY	DSİ, Contractor
29	YAHYASARAY DAM		■		TURKEY Yozgat	EARTH FILL	51	-		■				1984-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor

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		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
30	ÇAVDARHİSAR DAM		■		TURKEY Kütahya	EARTH FILL	51	-			■			1985-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
31	POLAT DAM		■		TURKEY Malatya	ROCK FILL	56	-			■			1985-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
32	EĞREKKAYA DAM		■	■	TURKEY Ankara	EARTH FILL	100	-			■			1985-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
33	ÜRKMEZ DAM		■	■	TURKEY İzmir	EARTH FILL	38	-			■			1985-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
34	ÇAT DAM		■		TURKEY Adıyaman	EARTH+ROCK FILL	74	-			■			1985-1987	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
35	AHMETLER DAM			■	TURKEY Muğla	EARTH+ROCK FILL	52	-	■	■				1985-1987	Entire Dam	INDIVIDUALLY	TEK, Contractor
36	HANAY KÜL DAM			■	TURKEY Muğla	ROCK FILL	65	-	■	■				1985-1987	Entire Dam	INDIVIDUALLY	TEK, Contractor
37	SARIMEHMET DAM		■		TURKEY Van	EARTH FILL	62.5	-			■			1987-1991	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
38	KÜRE-ÇATAK DAM			■	TURKEY Kastamonu	ROCK FILL	35	-	■	■				1990-1991	Entire Dam	INDIVIDUALLY	DSİ, Contractor
39	GAYT DAM		■		TURKEY Bingöl	EARTH FILL	36.5	-			■			1990-1991	Spillway	INDIVIDUALLY	DSİ, Contractor
40	ÇAMGAZİ DAM		■		TURKEY Adıyaman	EARTH FILL	45	-			■			1990-1991	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
41	KARACAÖREN II HEPP	■	■		TURKEY Burdur	CONCRETE GRAVITY	49	47			■			1989-1991	Entire Dam Except the Body, Switchyard and Mechanical	INDIVIDUALLY	KEPEZ Elec. Inc., Contractor
42	ÇAMALAN DAM		■		TURKEY Ankara	EARTH FILL	42.5	-		■	■			1991-1992	Entire Dam Feasibility Report for BOT	INDIVIDUALLY	DSİ, Contractor
43	KOVADA III HEPP	■			TURKEY Isparta	RIVER POWER PLANT	-	5	■	■				1991-1992	Feasibility & Final Design for BOT	INDIVIDUALLY	GÖKDERE Inc.
44	ARMAĞAN DAM		■		TURKEY Kırklareli	EARTH+ROCK FILL	57.25	-			■			1986-1993	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
45	BOYABAT DAM & HEPP	■			TURKEY Sinop	EARTH+ROCK FILL	195	510			■			1991-1993	Diversion Tunnels	INDIVIDUALLY	DSİ, Contractor

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46	SAZLIDERE DAM			■	TURKEY İstanbul	ROCK FILL	47	-			■			1991-1993	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
47	YEDİGÖZE DAM & HEPP	■	■		TURKEY Adana	ROCK FILL	131	300	■					1993	Feasibility Report for BOT	INDIVIDUALLY	ATA Cons. Inc.
48	BOYABAT DAM & HEPP	■			TURKIYE Sinop	CONCRETE GRAVITY	195	510	■					1993	Feasibility Report for BOT	INDIVIDUALLY	ATA Cons. Inc.
49	GEZENDE DAM & HEPP	■			TURKEY Karaman	CONCRETE ARCH	72	150			■			1983-1994	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
50	KIRAZDERE DAM			■	TURKEY Kocaeli	ROCK FILL	108.5	-			■			1987-1997	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor İzmit Water Inc.
51	YENİHAYAT DAM			■	TURKEY Çorum	EARTH FILL	68.3	-			■			1991-1996	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
52	ERFELEK DAM			■	TURKEY Sinop	EARTH FILL	91.5	-			■			1993-1995	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
53	KUZGUN DAM & HEPP	■	■		TURKEY Erzurum	ROCK FILL	120	22.7			■			1985-1997	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
54	DİCLE DAM & HEPP	■	■		TURKEY Diyarbakır	ROCK FILL	87	110			■			1993-2000	Switchyard and HEPP	INDIVIDUALLY	DSİ, Contractor
55	BATMAN DAM & HEPP	■	■		TURKEY Diyarbakır	EARTH+ROCK FILL	85.5	198			■			1986-2000	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
56	KÜRTÜN DAM & HEPP	■			TURKEY Gümüşhane	ROCK FILL (Front Face is Covered by R.Concrete)	125	80			■			1986-2001	Entire Dam	INDIVIDUALLY	DSİ, Contractor (Final design has been revised, underground power plant and tunnel spillway and front face cover have been designed)
57	PALANDÖKEN DAM		■	■	TURKEY Erzurum	EARTH FILL	49	-			■			1994-2001	Entire Dam Except the Body	INDIVIDUALLY	DSİ, Contractor
58	ADATEPE DAM		■	■	TURKEY K.Maraş	EARTH+ROCK FILL	95	-			■			1995-	Entire Dam Except the Body	INDIVIDUALLY	DSİ LİMAK Const. Inc.
59	ALAKIR I HEPP	■		■	TURKEY Antalya	ROCK FILL	49.5	3.2	■					1995	Feasibility Report for BOT	INDIVIDUALLY	KEPEZ Elec. Inc.

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60	TAŞOLUK DAM		■		TURKEY Çanakkale	ROCK FILL	75	-			■			1995-2005	Entire Dam Except the Body	INDIVIDUALLY	DSİ, VİNSAN Inc.
61	ALARAHAN DAM & HEPP	■	■	■	TURKEY Antalya	ROCK FILL	190	110	■				■	1995-1996	Feasibility Report for BOT	INDIVIDUALLY	KEPEZ Elec. Inc.
62	GÖKTAŞ DAM & HEPP	■			TURKEY Adana	ARCH GRAVITY	148	270	■					1996	Feasibility Report for BOT	INDIVIDUALLY	ÇUKUROVA ELECTRIC Inc.
63	KÖPRÜ DAM & HEPP	■			TURKEY Adana	ROCK FILL	141	189	■					1996	Feasibility Report for BOT	INDIVIDUALLY	ÇUKUROVA ELECTRIC Inc.
64	ERENLER HEPP	■			TURKEY Artvin	RIVER POWER PLANT	Regülatör 10	19.2	■					1997	Feasibility Report for BOT	INDIVIDUALLY	ECETUR Inc.
65	ÇİNE DAM & HEPP	■	■	■	TURKEY Aydın	ROLLER COMPACTED CONCRETE (RCC)	136.5	47.2			■			1995-2010	Entire Dam	INDIVIDUALLY	DSİ, ÖZKAR Inc.
66	AKKÖPRÜ DAM & HEPP	■	■	■	TURKEY Muğla	ROCK FILL	160	115			■			1995-2010	Entire Dam Except the Body	INDIVIDUALLY	DSİ NTF Const. Inc.
67	OBRUK DAM & HEPP	■	■	■	TURKEY Çorum	EARTH FILL WITH CLAY CORE	125	202			■			1996-2009	Entire Dam Except the Body	INDIVIDUALLY	DSİ LİMAK Const. Inc.
68	GÜLBAHAR DAM		■		TURKEY Bingöl	SAND + GRAVEL FILL	67	-			■			1996-2007	Entire Dam Except the Body	INDIVIDUALLY	DSİ ÖZCAN Inc.
69	DEMİRÖZÜ DAM		■		TURKEY Bayburt	SAND + GRAVEL FILL	66	-			■			1996-1997	Entire Dam Except the Body	INDIVIDUALLY	DSİ ECETUR Inc.
70	BERKE DAM & HEPP	■			TURKEY Osmaniye	CONCRETE ARCH	201	510				■		1997-2001	Construction Supervision and Technical Consulting	ELTEM-TEK YAPI TEKNİK	ÇUKUROVA ELECTRIC Inc.
71	OYRAK DAM		■	■	TURKEY Kastamonu	ZONED ROCK FILL	44	-	■					1997-1999	Entire Dam	INDIVIDUALLY	DSİ
72	OBRUCAK DAM & HEPP	■	■	■	TURKEY Kastamonu	ZONED ROCK FILL	76	3	■					1997-1999	Entire Dam	INDIVIDUALLY	DSİ
73	KAVŞAKKAYA DAM		■	■	TURKEY Ankara	ROCK FILL WITH CLAY CORE	85	-	■					1998-2000	Entire Dam	INDIVIDUALLY	DSİ
74	BAĞIŞTAŞ II HEPP	■			TURKEY Erzincan	CONCRETE	30	45.6	■					1998	Feasibility Report for BOT	INDIVIDUALLY	EMT Inc.
75	BOLASAN HEPP	■			TURKEY Antalya	CONCRETE GRAVITY WEIR	43	82	■					1998	Feasibility Report for BOT	ELTEM-TEK	DEDEMAN + UNIT

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76	OTLUCA HEPP	■			TURKEY Mersin	RIVER POWER PLANT	Regülatör 16	39	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EMT Inc.
77	ALAKÖPRÜ DAM & HEPP	■	■	■	TURKEY Mersin	ROCK FILL (Front Face is Covered by R.C.)	93	26	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EMT Inc.
78	KARAKUZ DAM & HEPP	■			TURKEY Adana	ROCK FILL	70	100	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EMT Inc.
79	ALKUMRU DAM & HEPP	■			TURKEY Siirt	ROCK FILL (Front Face is Covered by R.C.)	134	222	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy GÜNSAYIL Inc.
80	PEMBELİK DAM & HEPP	■			TURKEY Tunceli	ROCK FILL	85	108	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy AKSA Inc.
81	ILICA HEPP	■			TURKEY Kastamonu	RIVER POWER PLANT	Regulator 13	51.6	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy POLAT YOLYAPI Inc.
82	TOR DAM & HEPP	■			TURKEY Kastamonu	ROCK FILL	86	125	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy POLAT YOLYAPI Inc.
83	GÜNDOĞMUŞ DAM & HEPP	■			TURKEY Antalya	ARCH GRAVITY	125	105	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EY ENERGY Inc.
84	ALARAHAN I DAM & HEPP	■			TURKEY Antalya	ROCK FILL (Front Face is Covered by R.C.)	120	73.4	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EY ENERGY Inc.
85	ALARAHAN II DAM & HEPP	■			TURKEY Antalya	ROLLER COMPACTED CONCRETE (RCC)	65	66.6	■						1998	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EY ENERGY Inc.
86	KÖPRÜBAŞI DAM & HEPP	■		■	TURKEY Kastamonu	ROCK FILL	119	74	■				■	1999	Planning Report and Revision of Master Plan	INDIVIDUALLY	DSİ	
87	ÇAY DAM & HEPP	■		■	TURKEY Kastamonu	ROCK FILL	105	35	■				■	1999	Planning Report and Revision of Master Plan	INDIVIDUALLY	DSİ	
88	ANDIRAZ DAM & HEPP	■		■	TURKEY Kastamonu	ZONED EARTH FILL	145	34	■				■	1999	Planning Report and Revision of Master Plan	INDIVIDUALLY	DSİ	
89	AKTAŞ DAM & HEPP	■		■	TURKEY Kastamonu	ZONED EARTH FILL	57	12.5					■	1999	Report of Revision Master Plan	INDIVIDUALLY	DSİ	
90	ARAÇ DAM		■	■	TURKEY Kastamonu	ZONED EARTH FILL	58	-					■	1999	Report of Revision Master Plan	INDIVIDUALLY	DSİ	

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91	GİRME DAM		■		TURKEY Muğla	ZONED ROCK FILL	71.5	-	■					1999-2000	Entire Dam	INDIVIDUALLY	DSİ
92	GÖKPINAR DAM		■		TURKEY Eskişehir	EARTH FILL WITH CLAY CORE	43.1	-	■					1999-2000	Entire Dam	INDIVIDUALLY	DSİ
93	ÇAL HEPP	■			TURKEY Denizli	RIVER POWER PLANT	-	2.2	■	■				1999-2000	Entire Dam	INDIVIDUALLY	Ministry of Energy LİMAK
94	BAYIR DAM		■		TURKEY Muğla	ROCK FILL	49	-		■				1999 -2007	Entire Dam Except the Body	INDIVIDUALLY	DSİ ÖZKAR Inc.
95	PAMUK HEPP	■			TURKEY Mersin	RIVER POWER PLANT	Regulator 12,5	23	■	■				1999-2001	Entire Dam	INDIVIDUALLY	Ministry of Energy LİMAK / BEST / ENDA
96	SULAKYURT DAM		■		TURKEY Kırıkkale	ROLLER COMPACTED CONCRETE (RCC)	91.5	-	■					1999-2001	Entire Dam	INDIVIDUALLY	DSİ
97	TORUL DAM	■			TURKEY Gümüşhane	ROCK FILL (Front Face is Covered by R.C.)	152	121	■	■				1999-2006	Entire Dam	INDIVIDUALLY	DSİ BAYTUR / ÖZDEMİR
98	İKİZDERE DAM		■	■	TURKEY Aydın	EARTH + ROCK FILL	108	-		■				1999-2011	Entire Dam Except the Body	INDIVIDUALLY	DSİ, LİMSAN/LİMAK
99	URUŞ DAM		■		TURKEY Ankara	ROLLER COMPACTED CONCRETE (RCC)	104.6	-	■					1999-2001	Entire Dam	INDIVIDUALLY	DSİ
100	ELMALI DAM, TAŞOBA DAM & BÜYÜKDÜZ HEPP	■			TURKEY Gümüşhane	CONCRETE ARCH GRAVITY ROCK FILL	62 93	60	■					1999	Final Design Preliminary Report	INDIVIDUALLY	DSİ AGE / CEYLAN
101	EŞEN II HEPP	■			TURKEY Muğla	RIVER POWER PLANT	Regulator 35	43.4	■	■				1999-2002	Entire Dam	INDIVIDUALLY	Ministry of Energy GÖLTAŞ Energy Inc.
102	DAMLACIK HEPP	■			TURKEY Kırşehir	RIVER POWER PLANT	Regulator 5	20.7	■					1999	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy EMT + AKFEN
103	MARMARİS DAM			■	TURKEY Muğla	ROCK FILL (Front Face is Covered by R.C.)	58	-	■	■	■			1999-2001	Planning Report, Final and Detail Design	INDIVIDUALLY	DSİ MARIÇ-BELBİR
104	TAHTAKÖPRÜ DAM	■	■	■	AZERBAIJAN Khachmaz	ZONED EARTH FILL	25	120	■					1999-2000	Prefeasibility	INDIVIDUALLY	mitsubishi co. (Japan)

- The explanation on the items with (+) for detail design services is given on page 16/16.

BOT : Build-Operate-Transfer Model

**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
105	DÜZCE-AKSU HEPP	■			TURKEY Düzce	RIVER POWER PLANT	Regulator 5	41.6	■						1999	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy TUBİN Inc.
106	GELİNGÜLLÜ HEPP	■			TURKEY Yozgat	EARTH FILL	54	1.97	■						2000	Feasibility Report Auto Producer Model	INDIVIDUALLY	Ministry of Energy SUTA Ltd. Co.
107	NİKSAR HEPP	■			TURKEY Tokat	RIVER POWER PLANT	Regulator	40.1	■						2001	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy TEPE Inf. Inc.
108	AKINCI HEPP	■			TURKEY Tokat	RIVER POWER PLANT	Regulator	96.8	■						2001	Feasibility Report for BOT	INDIVIDUALLY	Ministry of Energy TEPE Inf. Inc.
109	KOZCAĞIZ DAM		■	■	TURKEY Bartın	EARTH FILL	60.2	-	■				■	2001-2002	Master Plan and Planning Report	INDIVIDUALLY	DSİ	
110	BAHÇELİK HEPP	■			TURKEY Kayseri	ROCK FILL	65	4.17	■ Rev.	■					2002-2005	Entire Dam	INDIVIDUALLY	MOLU Inc. Co.
111	MACARRETANE DAM		■	■	MOZAMBİK Macarretane	REGULATOR	4	-			■	■			2002-2009	Rehabilitation of Hydromechanical System	TECNICA	ARA-Sul (Mozambique)
112	ALPASLAN II DAM & HEPP	■	■	■	TURKEY Muş	ZONED ROCK FILL	116	200		■					2002-2004	Diversion-Bottom Outlet and Energy Water Intake Structure	MWH (HARZA)	DSİ
113	SEYRANTEPE DAM & HEPP	■			TURKEY Elazığ	Granular fill type with central core	48.5	48	■	■	■				2003-2008	Entire Dam	INDIVIDUALLY	DARENHES Electricity Gen. Inc.
114	BAYRAMHACILI DAM & HEPP	■	■		TURKEY Nevşehir	ROCK FILL	60	30	■						2003	Entire Dam	INDIVIDUALLY	SENERJİ Energy Gen. Inc.
115	AKOCAK HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	-	75	■						2003	Entire Dam	INDIVIDUALLY	NUR Energy Inc.
116	HAMZALI HEPP	■	■		TURKEY Ankara	CANAL POWER PLANT	-	13.8	■						2003-2004	Entire Dam	INDIVIDUALLY	GÜNGÖR Electricity Gen. Inc.
117	OTLUCA HEPP	■			TURKEY Mersin	RIVER POWER PLANT	-	48	■						2004	Entire Dam	INDIVIDUALLY	GÜNGÖR Electricity Gen. Inc.
118	ZİNCİRLİ HEPP	■			TURKEY Antalya	RIVER POWER PLANT	-	16.3	■						2004	Entire Dam	INDIVIDUALLY	GÜNGÖR Electricity Gen. Inc.
119	ÇAMLICA III HEPP	■				RIVER POWER PLANT	-	25	■						2004	Entire Dam	INDIVIDUALLY	GÜNGÖR Electricity Gen. Inc.
120	SARAÇ DAM & HEPP	■			TURKEY Sivas	EARTH FILL	30	10.1	■	■					2004-2005	Entire Dam	INDIVIDUALLY	GÜNGÖR Electricity Gen. Inc.

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BOT : Build-Operate-Transfer Model

**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
121	ERBAA HEPP	■	■		TURKEY Tokat	RIVER POWER PLANT	-	50.4	■					2004	Entire Dam	INDIVIDUALLY	ETİ Electricity Gen. Inc.	
122	CEVİZLİK DAM & HEPP	■			TURKEY Rize	Roller Compacted Concrete (RCC)	47	96.2	■					2004	Entire Dam	INDIVIDUALLY	FERNAS Construction Ltd. Co.	
123	AKINCI HEPP	■			TURKEY Tokat	RIVER POWER PLANT	-	96.8	■					2004-2005	Entire Dam	INDIVIDUALLY	ETİ Electricity Gen. Inc.	
124	BÜYÜKKARAÇAY DAM & HEPP	■	■	■	TURKEY Hatay	ROCK FILL (Front Face is Covered by R.C.)	105	10.4			■			2005-2007	Entire Dam	INDIVIDUALLY	DSİ	
125	NARLI DAM & HEPP	■			TURKEY Muğla	ROCK FILL (Front Face is Covered by R.C.)	99.5	70.5	■					2005	Entire Dam	INDIVIDUALLY	ETİ Electricity Gen. Inc.	
126	WADI DAYQAH DAM		■	■	OMAN Muscat	RCC & Rock Fill RCC: Roller Compacted Concrete	74 42	- -		■ ■	■ ■			2005-2014	Entire Dam Entire Dam	BVI ve NESPAK	MRMEWR Ministry of Regional Municipalities, Environment and Water Resources	
127	ÇAMBAŞI DAM & HEPP	■			TURKEY Trabzon	ROCK FILL (Front Face is Covered by R.C.)	106	48.2	■					2005	Entire Dam	INDIVIDUALLY	FERNAS Energy Gen. Inc.	
128	TATAR DAM & HEPP	■			TURKEY Elazığ	Granular fill type with central core	84	129.5		■	■			2006-2013	Entire Dam	INDIVIDUALLY	DAREN HES Electricity Gen. Inc.	
129	AKTAŞ DAM		■		TURKEY İzmir	Semi Pervious Fill with Clay Core	105	-		■				2006-2007	Entire Dam	INDIVIDUALLY	DSİ	
130	AYVADERE WEIR & HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	Regulator 12	10	■					2006	Entire Dam	INDIVIDUALLY	ATLAS Mining Maritime Trade Inc.	
131	GÜNEYCE DAM & HEPP	■			TURKEY Trabzon	ROCK FILL (Front Face is Covered by R.C.)	93	86.2	■					2006	Entire Dam	INDIVIDUALLY	ATLAS Mining Maritime Trade Inc.	
132	ÇANKAYA DAM & HEPP	■			TURKEY Trabzon	ROCK FILL (Front Face is Covered by R.C.)	160	88.3	■					2006	Entire Dam	INDIVIDUALLY	ZORLU Energy Electricity Gen. Inc.	
133	KARAKURT DAM & HEPP	■			TURKEY Kars	ROCK FILL (Front Face is Covered by R.C.)	155	180	■					2006	Entire Dam	INDIVIDUALLY	BİLSEV Energy Gen. Inc.	
134	GÖKDERE WEIR & HEPP	■			TURKEY Karaman	RIVER POWER PLANT	Regulator 7	36.4	■					2006	Entire Dam	INDIVIDUALLY	SEMA Electricity Gen. & Trade Inc.	
135	PIRİNÇLİ WEIR & HEPP	■			TURKEY Çorum	RIVER POWER PLANT	Regulator 15	18.7	■					2006	Entire Dam	INDIVIDUALLY	DERYA Electricity Gen. & Trade Inc.	

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**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
136	AKSU-ANAKOL (ÇORUH) DAM & HEPP	■			TURKEY Erzurum	ROCK FILL (Front Face is Covered by R.C.)	112	120	■						2006	Entire Dam	INDIVIDUALLY	LİMAK Inc. Co.
137	ADASU WEIR & HEPP	■			TURKEY Adapazarı	RIVER POWER PLANT	Regulator 17.5	9.5	■						2007	Entire Dam	INDIVIDUALLY	ADASU Energy Inc.
138	ASLANCIK DAM & HEPP	■			TURKEY Giresun	Send. Gravel & Rock Fill With Blanket	30	85.3	■						2006	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.
139	SAYAN WEIR & HEPP	■			TURKEY Adana	RIVER POWER PLANT	Regulator 12,5	13	■						2006-2007	Entire Dam	INDIVIDUALLY	SEMA Electricity Gen. & Trade Inc.
140	ULADI DAM		■		TURKEY İzmir	Granular fill type with central core	86.5	-	■						2006-2007	Entire Dam	INDIVIDUALLY	DSİ
141	YEDİGÖZE DAM & HEPP	■			TURKEY Adana	ROCK FILL (Front Face is Covered by R.C.)	131	294	■						2006-2007	Entire Dam	INDIVIDUALLY	YEDİGÖZE Electricity Gen. Inc.
142	NİKSAR HEPP	■	■		TURKEY Tokat	RIVER POWER PLANT	-	40.2	■ Rev.	■	■				2006-2013	Entire Dam	INDIVIDUALLY	SELEN Electricity Gen. Inc.
143	DEREKÖY DAM & DEMİRKAPI HEPP	■			TURKEY Rize	ROCK FILL (Front Face is Covered by R.C.)	125	111	■						2006	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.
144	ÇETİN DAM & HEPP	■			TURKEY Siirt	ROCK FILL (Front Face is Covered by R.C.)	165	244	■						2006-2007	Entire Dam	INDIVIDUALLY	EnBW Kraftwerke A.G. (Germany)
145	DERELİ WEIR & HEPP	■			TURKEY Giresun	RIVER POWER PLANT	-	46	■						2007	Entire Dam	INDIVIDUALLY	BEREKET Energy Gen. & Trade Inc.
146	ÇIRAKDAMI WEIR & HEPP	■			TURKEY Giresun	RIVER POWER PLANT	-	46	■						2007	Entire Dam	INDIVIDUALLY	BEREKET Energy Gen. & Trade Inc.
147	ÇAMLICA DAM & HEPP	■			TURKEY Artvin	ROCK FILL (Front Face is Covered by R.C.)	98	80.6	■						2007	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.
148	TUNCA WEIR & HEPP	■	■		TURKEY Edirne	RIVER POWER PLANT	-	11.68	■		■				2007-2011	Entire Dam	INDIVIDUALLY	DSİ
149	KADINCIK III & KADINCIK IV HEPP	■			TURKEY Mersin	RIVER POWER PLANT	-	40 50	■						2007	Entire Dam	INDIVIDUALLY	DERYA Electricity Gen. & Trade Inc.
150	KEMERÇAYIR WEIR & HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	-	15.5	■ Rev.	■	■				2007-2013	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.

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**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
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NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
151	ÜÇHANLAR WEIR & HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	-	11.3	■ Rev.	■	■			2007-2013	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
152	ÜÇHARMANLAR WEIR & HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	-	16.6	■ Rev.	■	■			2007-2013	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
153	BADEMLİ DAM		■		TURKEY İzmir	GRANULAR FILL WITH CENTRAL CLAY CORE	56	-		■				2007-2008	Entire Dam	INDIVIDUALLY	DSİ	
154	BURGAZ DAM		■		TURKEY İzmir	EARTH FILL (Front Face is Covered by R.C.)	115	-		■				2007-2008	Entire Dam	INDIVIDUALLY	DSİ	
155	YALNIZCA WEIR & HEPP	■			TURKEY Karabük	RIVER POWER PLANT	-	14.8	■ Rev.	■	■			2007-2009	Entire Dam	INDIVIDUALLY	Ekber Topal Energy Gen. Ltd. Co.	
156	ORTAÇAĞ HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	-	8	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
157	SARNIÇ HEPP	■			TURKEY Artvin	RIVER POWER PLANT	-	24.9	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
158	ERİK HEPP	■			TURKEY Artvin	RIVER POWER PLANT	-	14.3	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
159	YUMRUTEPE HEPP	■			TURKEY Giresun	RIVER POWER PLANT	-	13.1	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
160	İKİSU HEPP	■			TURKEY Giresun	RIVER POWER PLANT	-	43.9	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
161	KALECİK HEPP	■			TURKEY Artvin	RIVER POWER PLANT	-	31	■ Rev.					2007-2010	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
162	KEPEZKAYA HEPP	■			TURKEY Karaman	RIVER POWER PLANT	-	28	■ Rev.	■	■			2007-2013	Entire Dam	INDIVIDUALLY	IC İÇTAŞ Energy Gen. & Trade Inc.	
163	KARACASU DAM		■		TURKEY Aydın	EARTH FILL WITH CLAY CORE	(talveg) 55	-		■	■			2007-2012	Final and detail design for the body of dam	INDIVIDUALLY	LİMAK Construction Trade Co. Inc.	
164	UZUNÇAYIR DAM & HEPP	■			TURKEY Tunceli	SAND+GRAVEL FILL WITH CLAY CORE	(talveg) 58	74	■ Rev.		■			2007-2012	Detail design of power plant	INDIVIDUALLY	LİMAK Hydroelectric Power Investments Inc.	
165	ALKUMRU DAM & HEPP	■			TURKEY Siirt	ROCK FILL (Front Face is Covered by R.C.)	134	222		■	■			2007-2013	Entire Dam	INDIVIDUALLY	LİMAK Hydroelectric Power Investments Inc.	
166	DEREKÖY WEIR & HEPP	■			TURKEY Rize	RIVER POWER PLANT	-	110	■ Rev.	■	■			2007-2013	Entire Dam	INDIVIDUALLY	BESS Electric. Gen. Ind. & Trade Inc.	

- The explanation on the items with (+) for detail design services is given on page 16/16.

167	KELKİT-AKINCI HEPP	■			TURKEY Tokat	RIVER POWER PLANT	-	96.8	■ Rev.	■	■	■		2007-2013	Entire Dam	INDIVIDUALLY	ETİ Electricity Gen. Inc.
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**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED					YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
168	BEYYURDU DAM	■		■	TURKEY Hakkari	RCC: Roller Compacted Concrete	54	8.71		■				2007	Entire Dam	INDIVIDUALLY	DSİ
169	ASLANDAĞI DAM	■		■	TURKEY Hakkari	RCC: Roller Compacted Concrete	69	11		■				2007	Entire Dam	INDIVIDUALLY	DSİ
170	AYVALI DAM & HEPP	■			TURKEY Erzurum	RCC: Roller Compacted Concrete	171	112.9	■ Rev.	■	■			2007-	Entire Dam	INDIVIDUALLY	ÖZDOĞAN Energy Inc.
171	PEÇENEK DAM		■	■	TURKEY Ankara	EARTH FILL	32.5	-	■		■			2008-2009	Revision of Planning Report	AKAR-SU	DSİ
172	ÇİLEKLİTEPE HEPP	■			TURKEY Giresun	RIVER POWER PLANT	-	23.6	■					2008	Entire Dam	INDIVIDUALLY	CENAY Electric. Gen. Ind. & Trade Inc.
173	ARKUN DAM & HEPP	■			TURKEY Artvin	ROCK FILL (Front Face is Covered by R.C.)	190	244				■		2008-2014	Entire Dam	YAPI TEKNİK	DOKA Electric Gen. Inc.
174	KIZILEV HEPP	■			TURKEY Giresun	RIVER POWER PLANT	12.5	16.4	■ Rev.	■	■			2008-2011	Entire Dam	INDIVIDUALLY	AKSU Electric Gen. Inc.
175	ÖZLÜCE HEPP	■			TURKEY Erzurum	RIVER POWER PLANT	10	22	■ Rev.	■	■			2008-2013	Entire Dam	INDIVIDUALLY	AKSU Electric Gen. Inc.
176	SERPİN HEPP	■			TURKEY Giresun	RIVER POWER PLANT	18	38.7	■ Rev.	■				2008-2013	Entire Dam	INDIVIDUALLY	AKSU Electric Gen. Inc.
177	KİRAZLIK HEPP	■			TURKEY Siirt	RIVER POWER PLANT	-	42.1	■	■	■			2008-2013	Entire Dam	INDIVIDUALLY	BAREN Energy Gen. Inc.
178	SAYAN HEPP	■			TURKEY Osmaniye	RIVER POWER PLANT	-	12		■				2008-2010	Entire Dam	INDIVIDUALLY	KAREL Electric Gen.Inc.
179	PERVARİ WEIR	■			TURKEY Siirt	RIVER POWER PLANT	-	183.1	■					2008-2009	Entire Dam	INDIVIDUALLY	ONK Electric Gen. Trade Inc. Co.
180	BOYABAT DAM & HEPP	■			TURKEY Sinop	CONCRETE GRAVITY	195	510				■		2008-2012	Entire Dam	YAPI TEKNİK	BOYABAT Electric Gen. Inc.
181	AYDINCIK DAM		■		TURKEY Manisa	EARTH FILL	39	-	■					2008-2009	Entire Dam	INDIVIDUALLY	DSİ
182	ADATEPE DAM		■		TURKEY K.Maraş	ROCK FILL WITH CLAY CORE	89	-	■					2008-2013	Revision of Planning Report	HİDRODİZAYN	DSİ

- The explanation on the items with (+) for detail design services is given on page 16/16.

183	KARAKUZ DAM		■		TURKEY K.Maraş	ROCK FILL WITH CLAY CORE	67	-	■					2008-2013	Revision of Planning Report	HİDRODİZAYN	DSİ
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NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
184	ÇELENGÖZ DAM		■		TURKEY Manisa	ZONED EARTH FILL	29	-	■					2008-2009	Entire Dam	INDIVIDUALLY	DSİ	
185	CİZRE DAM & HEPP	■			TURKEY Şirnak	GRANULAR FILL TYPE WITH CENTRAL CORE	51.4	240	■					2009	Entire Dam	INDIVIDUALLY	AYDINLI Energy Gen.& Trade Inc.	
186	BOZKIR DAM & HEPP	■	■		TURKEY Konya	ROCK FILL (Front Face is Covered by R.C.)	116	15	■	■				2009-2011	Entire Dam	INDIVIDUALLY	DSİ	
187	TEFEN HEPP	■			TURKEY Karabük	RIVER POWER PLANT	-	33		■	■			2009-2014	Entire Dam	INDIVIDUALLY	AKSU Electric Gen. Inc.	
188	MENGE DAM & HEPP	■			TURKEY Adana	RCC: Roller Compacted Concrete	68	89				■		2009-2012	Entire Dam	INDIVIDUALLY	ENERJİ SA Energy Gen. Inc.	
189	KÖPRÜ DAM & HEPP	■			TURKEY Adana	RCC: Roller Compacted Concrete	109	145				■		2009-2013	Entire Dam	INDIVIDUALLY	ENERJİ SA Energy Gen. Inc.	
190	SAYAN WEIR & HEPP	■			TURKEY Osmaniye	RIVER POWER PLANT	-	12			■	■		2009-2011	Entire Dam	INDIVIDUALLY	KAREL Electric Gen. Inc.	
191	KESKİN DAM & HEPP	■			TURKEY Siirt	RCC: Roller Compacted Concrete	205	164	■					2009	Entire Dam	INDIVIDUALLY	NTF Const. & Trade Co. Ltd.	
192	BAĞIŞTAŞ II DAM & HEPP	■			TURKEY Erzincan	CONCRETE GRAVITY	21	49.80				■		2009-2010	Entire Dam	YAPI TEKNİK	AKDENİZLİ Electric Gen. Inc.	
193	KIZKAYASI DAM & HEPP	■			TURKEY Bursa	ROCK FILL WITH CLAY CORE	194	130	■	■				2009-2012	Entire Dam	INDIVIDUALLY	ÇALIK Energy Gen. & Mining Inc.	
194	BAĞIŞTAŞ I DAM & HEPP	■			TURKEY Erzincan	ROCK FILL WITH CLAY CORE	52	122	■ Rev.	■	■			2009-2014	Entire Dam	INDIVIDUALLY	OREN Energy Electric Gen. Inc.	
195	NAMAZGAH DAM			■	TURKEY Kocaeli	ROCK FILL	25	-	■	■	■			2009-2011	Entire Dam	INDIVIDUALLY	İSU	
196	BAYRAM DAM & HEPP	■			TURKEY Artvin	ROCK FILL (Front Face is Covered by R.C.)	35	90	■	■	■			2009-2014	Entire Dam	INDIVIDUALLY	LNS Energy Gen. Ind. & Trade Inc.	
197	KEMAH DAM & HEPP	■			TURKEY Erzincan	CONCRETE GRAVITY	96	150	■ Rev.					2009-2010	Entire Dam	INDIVIDUALLY	AK Energy Electric Gen. Inc.	
198	HİMMETLİ HEPP	■			TURKEY Adana	RIVER POWER PLANT	28.5	27.60				■		2010-2012	Design Supervision	INDIVIDUALLY	MEM Energy Electric Gen. Inc.Co.	

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199	GÖKKAYA DAM & HEPP	■			TURKEY Adana	RCC: Roller Compacted Concrete	69	30	■			■		2010-2012	Design Supervision	INDIVIDUALLY	MEM Energy Electric Gen. Inc.Co.
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NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED					YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
200	ÇAYÖNÜ - DERYA WEIR & HEPP	■			TURKEY Diyarbakır	CONCRETE GRAVITY	35.5	34.76	■	■	■			2010-	Entire Dam	INDIVIDUALLY	ERENTUR Ind. & Trade Inc.
201	KAYABEYİ DAM & HEPP	■			TURKEY Ardahan	ROCK FILL (Front Face is Covered by R.C.)	134	77.50	■	■	■			2010-2014	Entire Dam	INDIVIDUALLY	PELİN Energy Gen & Trade Co. Ltd.
202	GÖKTAŞ I DAM & HEPP	■			TURKEY Adana	RCC: Roller Compacted Concrete	148	130	■			■		2010-	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	TSKB + Garanti + Yapı Kredi + İş Bank / BERKET Energy Inc.
203	GÖKTAŞ II WEIR & HEPP	■			TURKEY Adana	RIVER POWER PLANT	40	157	■			■		2010-	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	TSKB + Garanti + Yapı Kredi + İş Bank / BERKET Energy Inc.
204	ÇAKMAK DAM		■		TURKEY Edirne	EARTH FILL WITH CLAY CORE	56	-	■					2010-2012	Revision of Planning Report	INDIVIDUALLY	DSİ
205	ŞENYAYLA I WEIR & HEPP	■			TURKEY Diyarbakır	RCC: Roller Compacted Concrete	40	9.80	■	■	■			2010-	Entire Dam	INDIVIDUALLY	ME-ED Energy Electric Gen. Co.Ltd.
206	ŞENYAYLA II WEIR & HEPP	■			TURKEY Diyarbakır	RCC: Roller Compacted Concrete	65	15.54	■	■	■			2010-	Entire Dam	INDIVIDUALLY	ME-ED Energy Electric Gen. Co.Ltd.
207	KARGI DAM & HEPP	■			TURKEY Ankara	ROCK FILL WITH CLAY CORE	65	100	■	■	■			2010-	Entire Dam	INDIVIDUALLY	KARGI Energy Electric Gen. Inc.
208	GÖKBEL I WEIR & HEPP	■			TURKEY Ankara	RIVER POWER PLANT	6	2	■					2010-2014	Entire Dam	INDIVIDUALLY	GÖKBEL Energy Electric Gen. Inc.
209	GÖKBEL II WEIR & HEPP	■			TURKEY Ankara	RIVER POWER PLANT	8.3	6.60	■					2010-2014	Entire Dam	INDIVIDUALLY	GÖKBEL Energy Electric Gen. Inc.
210	DARAN I WEIR & HEPP	■			TURKEY Karaman	RIVER POWER PLANT	23.15	43.76	■			■		2010-2013	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Yapı Kredi Bank Kurtsuyu Elec.Gen.Inc.
211	DARAN II WEIR & HEPP	■			TURKEY Karaman	RIVER POWER PLANT	13.10	18.54	■			■		2010-2013	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Yapı Kredi Bank Kurtsuyu Elec.Gen.Inc.
212	NOBULEVI DAM & HEPP	■			GEORGIA	RCC: Roller Compacted Concrete	42	27.77	■	■	■			2011-2012	Entire Dam	INDIVIDUALLY	KLG LLC (Kolin / Limak JV)
213	TSKHIMRA DAM & HEPP	■			GEORGIA	RCC: Roller Compacted Concrete	97	44.62	■	■	■			2011-2013	Entire Dam	INDIVIDUALLY	KLG LLC (Kolin / Limak JV)

- The explanation on the items with (+) for detail design services is given on page 16/16.

**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED					YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN				
214	ERJIA I - II WEIR & HEPP	■			GEORGIA	RCC: Roller Compacted Concrete	32 20	32.73	■	■	■			2011-2014	Entire Dam	INDIVIDUALLY	KLG LLC (Kolin / Limak JV)
215	LECHEKKA DAM AND HEPP	■			GEORGIA	RCC: Roller Compacted Concrete	60.50	25.31	■	■	■			2011-	Entire Dam	INDIVIDUALLY	KLG LLC (Kolin / Limak JV)
216	PEMBELİK DAM & HEPP	■			TURKEY Tunceli	CONCRETE GRAVITY	77	130.26		■	■			2011-	Entire Dam	INDIVIDUALLY	DARENHES Elect. Gen. Inc.
217	ARTVİN DAM & HEPP	■			TURKEY Artvin	CONCRETE ARCH GRAVITY	180	332	■ Rev.			■		2011-	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Garanti+Yapı Kredi+İş Bank+Vakıf Bank / Doğuş Energy
218	BALLIKAYA DAM			■	TURKEY Adapazarı	ROCK FILL WITH CLAY CORE	100	-			■			2011	Entire Dam	INDIVIDUALLY	DSİ
219	TORTUM II WEIR & HEPP	■			TURKEY Erzurum	RIVER POWER PLANT	10	22	■ Rev.			■		2011	Due Diligence Services	INDIVIDUALLY	Yapı Kredi Bank+Akbank Nur-Tek Elect. Gen. Inc.
220	BİTLİS WEIR & HEPP	■			TURKEY Bitlis	RIVER POWER PLANT	10	52.32	■ Rev.			■		2011	Due Diligence Services	INDIVIDUALLY	Yapı Kredi Bank+Akbank Nuve Elect. Gen. Inc.
221	ARINCIK WEIR & AK HEPP	■			TURKEY Muş	RIVER POWER PLANT	11	19.00	■ Rev.			■		2011	Due Diligence Services	INDIVIDUALLY	Yapı Kredi Bank+Akbank Özbey Energy
222	KUŞAKLI WEIR & HEPP	■			TURKEY Adana	RIVER POWER PLANT	14.50	20				■		2011-2014	Entire Dam	INDIVIDUALLY	ENERJİSA Energy Gen. Inc.
223	BURGAZ DAM & HEPP		■		TURKEY İzmir	SAND+GRAVEL FILL WITH CLAY CORE	115	-			■			2011-2013	Entire Dam	INDIVIDUALLY	LIMAK Const. Trade & Ind. Inc.
224	İKİSU DAM & HEPP	■			TURKEY Giresun	RCC: Roller Compacted Concrete	101	57.17	■	■	■			2011-	Entire Dam	INDIVIDUALLY	İC İÇTAŞ Energy Gen. & Trade Inc.
225	KÖROĞLU HEPP	■			TURKEY Osmaniye	RIVER POWER PLANT	5	9.53	■					2012	Entire Dam	INDIVIDUALLY	ETKEN Elect. Energy Gen. Ltd. Co.
226	OYLAT HEPP	■			TURKEY Bursa	RIVER POWER PLANT	17	1.94	■					2012	Entire Dam	INDIVIDUALLY	ETKEN Elect. Energy Gen. Ltd. Co.
227	AKBAŞ WEIR & HEPP	■			TURKEY Denizli	RIVER POWER PLANT	5.3	12.26				■		2012-2013	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Yapı Kredi Bank Merter Tekstil Branch
228	AKKENT-ÇALKUYUCAK WEIR & HEPP	■			TURKEY Denizli	RIVER POWER PLANT	5.3	13.49				■		2012-2013	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Yapı Kredi Bank Merter Tekstil Branch

- The explanation on the items with (+) for detail design services is given on page 16/16.

**LIST OF DAMS AND HYDROELECTRIC POWER PLANTS
WHICH SU-YAPI HAS PARTICIPATED SINCE 1975**



NO.	PROJECT NAME	PURPOSE			LOCATION	DAM TYPE	HEIGHT FROM FOUNDATION (m)	INSTALLED POWER (MW)	SERVICES PROVIDED						YEAR	PAST WORKED ON	ASSOCIATING FIRMS	CLIENT & REMARKS
		ENERGY	IRRIGATION	MISCELLANEOUS					FEASIBILITY	FINAL DESIGN	DETAIL DESIGN	CONSTRUCTION SUPERVISION & CONS.	BASIN MASTER PLAN					
229	KOÇALI DAM		■	■	TURKEY Adiyaman	ROCK FILL (Front Face is Covered by R.C.)	124	-	■					2012-2013	Entire Dam	INDIVIDUALLY	DSİ	
230	ÇARDAK DAM		■		TURKEY Antalya	RCC: Roller Compacted Concrete	43.5	-	■					2012-2013	Entire Dam	INDIVIDUALLY	DSİ	
231	BEŞPARMAK DAM		■	■	TURKEY Aydın	RCC: Roller Compacted Concrete	45	-	■					2012-2014	Entire Dam	INDIVIDUALLY	DSİ	
232	KAYRAKTEPE DAM & HEPP	■	■	■	TURKEY Mersin	RCC: Roller Compacted Concrete	165	290	■					2012-	Entire Dam	INDIVIDUALLY	DSİ	
233	ALPASLAN II DAM & HEPP	■			TURKEY Muş	ROCK FILL WITH CLAY CORE	116	280				■		2012-2014	Entire Dam	INDIVIDUALLY	Alpaslan II Energy Gen. & Min. Ind. Trade Inc.	
234	YUSUFELİ DAM & HEPP	■			TURKEY Artvin	DOUBLE CURVATURE CONCRETE ARCH	270	540			■			2013-	Entire Dam	INDIVIDUALLY	LCK Yusufeli Ordinary Partnership	
235	CİZRE HEPP	■			TURKEY Şırnak	RCC: Roller Compacted Concrete	51.4	240	■					2013	Entire Dam	INDIVIDUALLY	NUROL / CENGİZ Partnership	
236	BALLIKAYA DAM			■	TURKEY Adapazarı	ROCK FILL WITH CLAY CORE	97	-			■			2013	Entire Dam	INDIVIDUALLY	YÖNTAŞ İnş. San. ve Tic. A.Ş.	
237	CİZRE HEPP	■			TURKEY Şırnak	RCC: Roller Compacted Concrete	51.4	240	■					2013-2014	Entire Dam	INDIVIDUALLY	ÇATAK Enerji Elk. Üretim A.Ş.	
238	ARADAH DAM			■	SAUDI ARABIA	CONCRETE GRAVITY	70.85	-			■			2013-2014	Bottom Outlet Valve Chamber	INDIVIDUALLY	KİT Müh. ve Mak. Ltd. Şti.	
239	SAMİ SOYDAM SANDALCIK DAM & HEPP	■			TURKEY Denizli	ROCK FILL WITH CLAY CORE	115	129				■		2013-	Entire Dam	INDIVIDUALLY	Garanti Bank/Akbank ZORLU Hid. En. Ür. A.Ş.	
240	GÖKSU WEIR & HEPP	■			TURKEY Bolu	RIVER POWER PLANT	6.1	16.56				■		2013-	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Ziraat Bank Tek-En En.Ür.A.Ş.	
241	KÖPRÜBAŞI WEIR & HEPP	■			TURKEY Trabzon	RIVER POWER PLANT	6	8.20				■		2014-	Due Diligence and Investment Period Consultancy Services	INDIVIDUALLY	Yapı Kredi Bank Küçük Enerji Ür. A.Ş.	

1- SU-YAPI HAS BEEN WORKING ON DAMS AND HEPP SINCE 1964. THE ABOVE LIST INCLUDES THE SERVICES THAT HAVE BEEN PERFORMED AFTER YEAR 1975.

2- PRE-TENDER DRAWINGS FOR THE FACILITIES, CIVIL WORKS OF WHICH ARE BIDDED BY DSİ AND FOR WHICH THE DETAIL DESIGN IS PROVIDED TO THE CIVIL WORKS CONTRACTOR BY SU-YAPI, ARE BASED ONLY ON HYDRAULIC DIMENSIONS, OTHER THAN THE DRAWINGS FOR EMBANKMENT; THEREFORE, FINAL DESIGN FOR SUCH FACILITIES IS PERFORMED BY THE REQUIRED, STABILITY ANALYSIS AND STRUCTURAL DESIGN WHICH ARE CARRIED OUT WITHIN THE SCOPE OF DETAIL DESIGN STUDIES. FURTHERMORE, IF A NEED FOR DESIGN REVISION ARISES, TO COPE WITH THE SOIL, MATERIAL RESTRAINTS, CONSTRUCTION PROGRAM AND OPERATING CONDITIONS CONFRONTED IN CONSTRUCTION STAGE SUCH FINAL DESIGN REVISIONS ARE CARRIED OUT BY SU-YAPI AS WELL. THE DRAWINGS DURING DETAIL DESIGN PHASE ARE DEVELOPED IN PARALLEL TO THE CIVIL WORKS AND ACCORDING TO OUR CONTINUOUS IN-SITU STUDIES AND SITE CONDITIONS.

3- BOT : BUILD-OPERATE-TRANSFER MODEL, DSİ : GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS