



## **02.** Consolidated financial statements

02.7 Appendices

## Appendix I – Subsidiary companies included in the 2018 Consolidation Perimeter using the global integration method

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
A3T Holdco España, S.A	Seville (ES)	344,307	100	Abengoa Greenbridge, S.A.U./Abengoa Abenewco 1, S.A.U./Abener Energía, S.A.U./Negocios Industriales y Comerciales, S.A.	-	(1)	A
A3T LuxCo 1 S.A	Luxembourg (LU)	259,030	100	A3T LuxCo 2 S.A.R.L	-	(1)	C
A3T LuxCo 2 SARL	Luxembourg (LU)	258,876	100	A3T Holdco España, S.A / Abener Energía S.A.	-	(1)	C
Abacus Project Management of Arizona, LLC.	Arizona (US)	1	100	Teyma Construction USA, LLC	-	(1)	-
Abacus Project Management, Inc.	Arizona (US)	4,052	100	Abengoa Holding Inc.	-	(1)	-
Abeanza Brasil, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Inversiones Latam, S.L./Sociedad Inversora Lineas de Brasil, S.L. (ETVE)	-	(1)	-
Abema India, Pvt. Ltd.	Chennai (IN)	7,654	100	Abengoa Agua, S.A.	-	(1)	C
Abema Jodiya Private Limited	Mumbai (IN)	2	100	Abengoa Agua, S.A.	(*)	(1)	-
Abema Maroc, S.A.R.L.	Agadir (MA)	-	100	Abengoa Agua, S.A.	(*)	(1)	-
Abema Teyma Infraestructure Ghana Limited	Accra (GH)	6,421	100	Abengoa Agua, S.A./Abener Energía, S.A.U.	-	(1)	C
Abema Teyma Zapotillo SRL de CV	Mexico D.F. (MX)	209,905	100	Abengoa Agua, S.A./Abener Energía, S.A.U.	-	(1)	C
Abema USA, LLC.	Delaware (US)	1	100	Abengoa Business Development, LLC	-	(1)	-
Abengoa Abema Teyma General Partnership	Arizona (US)	4	100	Abema USA, LLC / Teyma Construction USA, LLC / Abengoa EPC, LLC.	-	(1)	-
Abengoa Abener Teyma General Partnership	Arizona (US)	4	100	Teyma Construction USA LLC / Abener Construction Services, LLC / Abengoa EPC, LLC.	-	(1)	-
Abengoa Abener Teyma Reno General Partnership	Phoenix (US)	-	100	Abengoa EPC LLC / Abener Construction Services LLC / Teyma Construction USA, LLC	-	(1)	-
Abengoa Asset Management, S.L.	Seville (ES)	24,363	100	Abener Energía, S.A.U./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abengoa Business Development (Pty) Ltd.	Johannesburgo (ZA)	-	100	Abengoa Business Development, S.A.	-	(1)	-
Abengoa Business Development Private Limited	Mumbai (IN)	3,629	100	Abengoa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	C
Abengoa Business Development S.A.C.	Lima (PE)	-	100	Abengoa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abengoa Business Development S.a.R.L./A.U	Casablanca (MA)	-	100	Abengoa Business Development, S.A.	-	(1)	-
Abengoa Business Development, LLC	Missouri (US)	268,914	100	Abengoa, LLC.	-	(1)	-
Abengoa Business Development, Ltd.	Seoul (KR)	70	100	Abengoa Business Development, S.A.	-	(1)	-
Abengoa Business Development, S.A.	Seville (ES)	536,153	100	Abener Energía, S.A.U./Negocios Industriales y Comerciales, S.A.	-	(1)	A
Abengoa Business Development México, S.A. de C.V.	Mexico D.F. (MX)	-	100	Abengoa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abengoa Engineering Private Limited	Mumbai (IN)	270	100	Abengoa Engineering, S.L./Abener Energía, S.A.U.	-	(1)	C
Abengoa Engineering, Inc.	Arizona (US)	37	100	Abengoa Engineering, S.L.	-	(1)	-
Abengoa Engineering, S.A. de C.V.	Mexico D.F. (MX)	875	100	Abengoa Engineering, S.L./Abener Energía, S.A.U.	-	(1)	B
Abengoa Engineering, S.L.	Seville (ES)	31,795	100	Abener Energía, S.A.U.	-	(1)	A

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa EPC Kaxu Pty Ltd.	Johannesburgo (ZA)	61,689	92	Abener Energía, S.A.U.	-	(1)	A
Abengoa EPC Kxi Pty Ltd.	Johannesburgo (ZA)	71,662	92	Abener Energía, S.A.U.	-	(1)	A
Abengoa EPC México, S.A de C.V	Mexico D.F. (MX)	859	100	Abener Energía, S.A.U./ASA Iberoamérica, S.L.	-	(1)	A
Abengoa EPC South Africa (Pty) Ltd	Cape Town (ZA)	-	100	Abener Energía, S.A.U.	-	(1)	-
Abengoa EPC Xina (Pty) Ltd.	Cape Town (ZA)	-	92	Abener Energía, S.A.U.	-	(1)	-
Abengoa EPC, LLC.	Arizona (US)	56,424	100	Abengoa, LLC.	-	(1)	-
Abengoa EPC, S.A.	Seville (ES)	754	100	Abener Energía, S.A.U.	-	(1)	A
Abengoa Holding, Inc.	Delaware (US)	1,990	100	Abengoa US Holding, LLC.	-	(1)	-
Abengoa Inversiones Latam, S.L.	Seville (ES)	478,811	100	Asa Iberoamérica, S.L./Abener Energía, S.A.U.	-	(1)	A
Abengoa Is Gelistirme Limited Sirketi	Ankara (TR)	5	100	Abengoa Business Development, S.A.	-	(1)	-
Abengoa Monterrey VI, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abengoa México, S.A. de CV/Abener Energía, S.A.U.	-	(1)	-
Abengoa Norte III, S.A. de C. V.	Mexico D.F. (MX)	3	100	Abener Energía, S.A.U./Abener México, S.A. de C.V.	-	(1)	-
Abengoa Operation and Maintenance, S.A.U.	Seville (ES)	2,938	100	Abengoa Abenewco 1, S.A.U.	-	(1)	C
Abengoa Salalah LLC	Ruwi (OM)	8,839	70	Abengoa Agua, S.A.	-	(1)	C
Abengoa, LLC.	Delaware (US)	87,644	100	Abengoa North America, LLC	-	(1)	-
Abelec, S.A.	Santiago de Chile (CL)	2	100	Abengoa Chile, S.A./Abengoa Abenewco 1, S.A.U.	-	(2)	-
Abencor Brasil Ltda.	R. de Janeiro (BR)	-	100	Abencor Suministros, S.A./Abengoa Construção Brasil Ltda.	-	(1)	-
Abencor Colombia S.A.S.	Bogotá (CO)	8	100	Abencor Suministros S.A.	-	(1)	-
Abencor México, S.A. de C.V	Mexico D.F. (MX)	3	100	Abencor Suministros, S.A./Abengoa México, S.A. de C.V.	-	(1)	-
Abencor Perú	Lima (PE)	185	99.98	Abencor Suministros S.A.	-	(1)	-
Abencor South Africa Pty Ltd	Upington (ZA)	-	100	Abencor Suministros, S.A.	-	(1)	-
Abencor Suministros Chile, S.A.	Santiago de Chile (CL)	1	100	Abencor Suministros, S.A / Abengoa Chile S.A.	-	(1)	-
Abencor Suministros S.A.	Seville (ES)	55,148	100	Negocios Industriales y Comerciales, S.A./Abener Energía, S.A.U.	-	(1)	A
Abener Argelia	Seville (ES)	4	100	Abener Energía, S.A.U.	-	(1)	-
Abener Construction Services, LLC.	Missouri (US)	229,206	100	Abengoa Business Development, LLC	-	(1)	-
Abener Energía, S.A.U.	Seville (ES)	1,431,577	100	Abengoa Abenewco 1, S.A.U.	-	(1)	A
Abener Energie S.A.R.L.	Ain beni (MA)	3	100	Abener Energía, S.A.U.	-	(1)	-
Abener México, S.A. De C.V.	Mexico D.F. (MX)	3	100	Abengoa México, S.A. de C.V./Abengoa Business Development México, S.A. de C.V.	-	(1)	-
Abener North America Construction Services, Inc.	Delaware (US)	955	100	Abener Construction Services, LLC.	-	(1)	-
Abener North America Construction, L.P.	Missouri (US)	96,335	100	Abener Construction Service, LLC /Abener North America Construction Services, Inc.	-	(1)	-
Abengoa Teyma Hugoton General Partnership	Missouri (US)	9	100	Teyma Construction USA LLC/Abener Construction Services, LLC.	-	(1)	-
Abengoa Teyma Mojave General Partnership	Missouri (US)	185,922	100	Abengoa Holding Inc./Abener North America Construction Services, L.P.	-	(1)	-

## Appendix I – Subsidiary companies included in the 2018 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abener, Abeinsa, for Construction, Water and Energy Company Limited	Riyadh (SA)	524	100	Abener Energia, S.A.U./ Abengoa Agua, S.A.	-	(1)	C
Abengoa Abenewco 1, S.A.U.	Seville (ES)	2,549,056	100	Abengoa Abenewco 2, S.A.U.	-	(1)	A
Abengoa Abenewco 2, S.A.U.	Seville (ES)	1,286,430	100	Abengoa S.A.	-	(1)	A
Abengoa Abenewco 2 Bis, SA sociedad unipersonal	Seville (ES)	60	100	Abengoa Abenewco 2, S.A.U.	(*)	(1)	-
Abengoa Africa Investments LLC	England (GB)	14	100	South Africa Solar Ventures, S. L.	-	(1)	C
Abengoa Agua, S.A	Seville (ES)	616,931	100	Abengoa Abenewco 1, S.A.U./Abeinsa Business Development, S.A./Negocios Industriales y Comerciales, S.A	-	(1)	A
Abengoa Agua LLC	Riyadh (SA)	-	100	Abengoa Agua, S.A.	(*)	(1)	-
Abengoa Bioenergia Agroindustria Ltda	Sao Paulo (BR)	451,766	100	Abengoa Bioenergia Brasil, S.A./Abengoa Bioenergia Santa Fe, Ltda.	-	(3)	-
Abengoa Bioenergia Brasil, S.A.	Sao Paulo (BR)	1,009,656	100	Asa Bioenergy Holding AG./Abengoa Bioenergia, S.A.	-	(3)	-
Abengoa Bioenergia Inovações Ltda.	Sao Paulo (BR)	335,509	100	ASA Bioenergy Holding, AG/ Abengoa Bioenergia Santa Fe, Ltda.	-	(3)	-
Abengoa Bioenergia Inversiones, S.A.	Seville (ES)	1,050,748	100	Abengoa Bioenergia, S.A./Abengoa Bioenergia Nuevas Tecnologías, S.A.	-	(3)	A
Abengoa Bioenergia Nuevas Tecnologías, S.A.	Seville (ES)	91,568	100	Abengoa Bioenergia, S.L./Instalaciones Inabensa, S.A.U.	-	(3)	A
Abengoa Bioenergia Santa Fe, Ltda.	Sao Paulo (BR)	270	100	Abengoa Bioenergia Brasil, S.A./Abengoa Bioenergia Trading Brasil Ltda.	-	(3)	-
Abengoa Bioenergia Trading Brasil Ltda	Sao Paulo (BR)	-	100	Abengoa Bioenergia Brasil, S.A./Abengoa Bioenergia Agroindustria, Ltda.	-	(3)	-
Abengoa Bioenergia, S.A.	Seville (ES)	115,359	100	Abengoa Abenewco 1, S.A.U./Sociedad Inversora Energia y Medio Ambiente, S.A.	-	(3)	A
Abengoa Bioenergy Germany, GmbH	Rostock (DE)	11,859	100	Abengoa Bioenergia Inversiones, S.A.	-	(3)	-
Abengoa Bioenergy New Technologies, LLC.	Missouri (US)	758	100	Abengoa US, LLC	-	(3)	-
Abengoa Brasil Logística Ltda.	Rio de Janeiro (BR)	23,731	100	Abengoa Construção Brasil, Ltda./ Inabensa Rio Ltda	-	(1)	-
Abengoa Brasil Fornecimento S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(1)	-
Abengoa Chile, S.A.	Santiago de Chile (CL)	44,063	100	Abeinsa Inversiones Latam, S.L./Teyma Abengoa, S.A.	-	(1)	A
Abengoa Cogeneração de Energia, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(1)	-
Abengoa Colombia, S.A.S.	Bogotá (CO)	1,940	100	Abengoa Perú, S.A./Abener Energia, S.A.U./Abengoa Agua, S.A.	-	(1)	-
Abengoa Concessions Investments Ltd.	Leeds (GB)	646,669	100	Abengoa Concessions, S.L./ Abener Energia, S.A.U.	-	(1)	A
Abengoa Concessions Investments, S.à.r.l.	Luxembourg (LU)	13	100	Abengoa Concessions, S.L.	-	(1)	-
Abengoa Concessions, S.L.	Seville (ES)	292,217	100	Abengoa Abenewco 1, S.A.U./Sociedad Inversora en Energia y Medioambiente, S.A.	-	(1)	-
Abengoa Concessões Brasil Holding, S.A.	Rio de Janeiro (BR)	668,927	100	Abengoa Construção Brasil, Ltda./ Sociedad Inversora de Lineas de Brasil, S.L./ Abengoa Yield Plc.	-	(2)	C
Abengoa Construção Brasil, Ltda.	Rio de Janeiro (BR)	427,252	100	Abeanza Brasil, S.A./Sociedad Inversora de Lineas de Brasil, S.L.	-	(1)	C

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa Desalination Pilot Plants, Ltd.	Masdar (AE)	30	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa ECA Finance LLP	Leeds (GB)	-	100	Abenewco 1, S.A.U./Sociedad Inversora en Energia y Medioambiente, S.A.	-	(1)	-
Abengoa Energia Atacama CSP, S.L.U.	Seville (ES)	3	100	Abengoa Energia S.A.U.	-	(1)	-
Abengoa Energy Crops Biomass USA, LLC	Florida (US)	224	100	Abengoa Energy Crops USA, LLC	-	(1)	-
Abengoa Energy Crops Biomassa, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Greenfield Brasil Holding S.A. / Abengoa Construção Brasil, Ltda.	-	(1)	-
Abengoa Energy Crops Pellet 1 USA, LLC	Florida (US)	9	100	Abengoa Energy Crops Biomass USA, LLC	-	(1)	-
Abengoa Energy Crops USA, LLC	Florida (US)	213	100	Abengoa Energy Crops, S.A.	-	(1)	-
Abengoa Energy Crops, S.A.	Seville (ES)	-	100	Abengoa Abenewco 1, S.A.U./ Sociedad Inversora en Energia y Medioambiente, S.A.	-	(1)	-
Abengoa Energy Trading Chile SpA	Santiago de Chile (CL)	13	100	Abengoa Chile, S.A.	-	(1)	-
Abengoa Finance, S.A.U.	Seville (ES)	-	100	Abengoa Abenewco 1, S.A.U.	-	(1)	-
Abengoa Greenbridge, S.A.U.	Seville (ES)	253,271	100	Abengoa Abenewco 1, S.A.U.	-	(1)	-
Abengoa Greenfield Brasil Holding, S.A.	Rio de Janeiro (BR)	811,435	100	Abengoa Construção Brasil Ltda. / Sociedad Inversora Lineas de Brasil, S.L	-	(1)	-
Abengoa Greenfield Perú, S.A.	Lima (PE)	-	99.80	Abengoa Perú, S.A.	-	(1)	A
Abengoa Greenfield S.A.U.	Seville (ES)	-	100	Abengoa Abenewco 1, S.A.U.	-	(1)	-
Abengoa Infraestrutura, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil Ltda.	-	(1)	-
Abengoa Innovación S.A.	Seville (ES)	50,746	100	Abener Energia, S.A.U./ Instalaciones Inabensa, S.A.U.	-	(1)	A
Abengoa México O&M, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abeinsa Operation and Maintenance, S.A.U./ Abengoa México, S.A. de CV	-	(1)	C
Abengoa México, S.A. de CV	Mexico D.F. (MX)	183,924	100	Abeinsa Inversiones Latam, S.L. /Asa Iberoamérica, S.L.	-	(1)	A
Abengoa North América, LLC	Washington (US)	297,607	100	Abengoa US, LLC	-	(1)	-
Abengoa OM Atacama CSP, SAU	Seville (ES)	15	100	Abeinsa Operation and Maintenance, S.A.U.	(*)	(1)	-
Abengoa Perú, S.A.	Lima (PE)	113,729	99.99	Abeinsa Inversiones Latam, S.L.	-	(1)	A
Abengoa Puerto Rico, S.E.	San Juan (PR)	52,692	100	Siema Investment, S.L./Abencor Suministros, S.A.	-	(1)	-
Abengoa PW I Investments, S.L.	Seville (ES)	3	100	Abener Energia, S.A.U.	-	(1)	-
Abengoa SeaPower, S.A.	Seville (ES)	60	100	Abener Energia, S.A.U./Instalaciones Inabensa, S.A.U.	-	(1)	-
Abengoa Servicios Industriales, S.A. de C.V.	Mexico D.F. (MX)	2,115	100	Abengoa México, S.A. de C.V./Asa Iberoamérica, S.L.	-	(1)	C
Abengoa Servicios, S.A. De C.V.	Mexico D.F. (MX)	1,015	100	Abengoa México, S.A. de C.V./Servicios Aux. de Admon., S.A	-	(1)	C
Abengoa Solar Brasil Desenvolvidimentos Solares Ltda.	Rio de Janeiro (BR)	1,050	100	Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.U	-	(1)	-
Abengoa Solar Chile O&M Spa	Santiago de Chile (CL)	2	100	Abeinsa Operation and Maintenance, S.A.U.	-	(1)	-
Abengoa Solar Chile, SpA	Santiago de Chile (CL)	352,229	100	Abengoa Solar Internacional, S.A.	-	(1)	-
Abengoa Solar Engineering (Beijing), Co. Ltd.	Beijing (CN)	103	100	Abener Energia, S.A.U.	-	(1)	C
Abengoa Solar España, S.A.U.	Seville (ES)	10,674	100	Abeinsa Operation and Maintenance, S.A.U.	-	(1)	A

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Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa Solar Extremadura, S.A.	Cáceres (ES)	60	100	Abengoa Solar España, S.A.U./Abengoa Solar New Technologies, S.A.	-	(1)	-
Abengoa Solar Holdings Inc.	Dover (US)	174,669	100	Abengoa US Holding, LLC	-	(1)	-
Abengoa Solar India Private Limited	Maharashtra (IN)	1,978	100	Abengoa Solar Internacional, S.A./ Abener Energía, S.A.U.	-	(1)	C
Abengoa Solar Industrial Systems, LLC	Brooklyn Center (US)	4,824	100	Abengoa Solar, LLC.	-	(1)	-
Abengoa Solar Internacional, S.A.	Seville (ES)	14,501	100	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.	-	(1)	A
Abengoa Solar Investments 2 Ltd	Cardiff (UK)	1	100	África Solar Investments 2 LLC	-	(1)	C
Abengoa Solar México S.A. de C.V.	Mexico D.F. (MX)	595	100	Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.U.	-	(1)	-
Abengoa Solar New Technologies, S.A.	Seville (ES)	20,017	100	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.	-	(1)	A
Abengoa Solar Power Arabia LLC	Riade (SA)	244	100	Abener Energía, S.A.U./ Abengoa Solar New Technologies, S.A.	-	(1)	C
Abengoa Solar Power South Africa (Pty) Ltd.	Cape Town (ZA)	1,242	100	Abengoa Solar Internacional, S.A.	-	(1)	A
Abengoa Energía S.A.U.	Seville (ES)	250	100	Abengoa Abenewco 1, S.A.U.	-	(1)	-
Abengoa Solar Ventures S.A	Seville (ES)	26,660	100	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.	-	(1)	-
Abengoa Solar, LLC	Colorado (US)	1	100	Abengoa North America, LLC	-	(1)	-
Abengoa SP Holdings, LLC	Colorado (US)	1	100	Abengoa Solar, LLC.	-	(1)	-
Abengoa Transmission & Infrastructure ULC	Vancouver (CA)	-	100	Abengoa Transmission & Infrastructure, LLC	-	(1)	-
Abengoa Transmission & Infrastructure, LLC	Delaware (US)	24,540	100	Abeinsa, LLC.	-	(1)	-
Abengoa US Holding, LLC	Washington (US)	491,132	100	Abengoa Bioenergía, S.A./ Abener Energía, S.A.U./Abengoa Agua, S.A.	-	(1)	-
Abengoa US, LLC	Washington (US)	191,272	100	Abengoa US Holding LLC/ Abengoa Solar Holdings Inc./ Abengoa Water Holding USA, Inc./ Abener Energía, S.A./ Abacus Project Management, Inc./ Abeinsa Holding, Inc.	-	(1)	-
Abengoa Water Agadir, S.L.U.	Seville (ES)	2,734	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water Beijing Co., Ltd	Pekín (CN)	65	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water Chile, Limitada	Santiago de Chile (CL)	5	100	Abengoa Agua, S.A./Abengoa Water International, S.L.	-	(1)	-
Abengoa Water Dailian, S.L.U.	Seville (ES)	33	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water Holding USA, Inc.	Delaware (US)	5,072	100	Abengoa US Holding, LLC	-	(1)	-
Abengoa Water Internacional, S.L.U.	Seville (ES)	5	100	Abengoa Agua, S.A./Abeinsa Operation and Maintenance, S.A.U.	-	(1)	-
Abengoa Water Investments Ghana, BV	Amsterdam (NL)	5,804	100	Abengoa Water Nungua, S.L.U.	-	(1)	-
Abengoa Water Nungua, S.L.U.	Seville (ES)	5,586	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water Taiwan, S.L.U.	Seville (ES)	16	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water Takoradi, S.L.U.	Seville (ES)	13	100	Abengoa Agua, S.A.	-	(1)	-
Abengoa Water USA, LLC.	Texas (US)	874	100	Abengoa North America, LLC	-	(1)	-
Abengoa 3T S.à.r.l.	Luxembourg (LU)	13	100	Abengoa Concessions Investments, S.à.r.l.	-	(1)	-
Abent 3T, S.A.P.I. de C.V.	Mexico D.F. (MX)	452,711	100	A3T LuxCo 1 S.A	-	(2)	A

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abenta Concessões Brasil	Rio de Janeiro (BR)	2	95.84	Abengoa Concessões Brasil Holding, S.A.	-	(2)	-
Abenta Construção Brasil Ltda	Rio de Janeiro (BR)	11,695	100	Inabensa Rio, Ltda./Abengoa Construção Brasil, Ltda.	-	(1)	-
Abentel Telecomunicaciones, S.A.	Seville (ES)	11,818	100	Abener Energía, S.A.U.	-	(1)	-
Abentey Brasil, Ltda.	Pirassununga (BR)	57	100	Abener Energía, S.A.U./Teyma Internacional S.A.	-	(1)	-
Abratey Construção, Ltda.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda. / Teyma Internacional S.A.	-	(1)	-
ACC 4T, S.A.P.I. de C.V.	Mexico D.F. (MX)	2	100	Abengoa México, S.A. de CV/ Servicios Auxiliares de Administración, S.A. de C.V.	-	(2)	C
ACIL Luxco 1, S.A.	Luxembourg (LU)	886,166	100	ACIL Luxco 2, S.A.	-	-	C
ACIL Luxco 2, S.A.	Luxembourg (LU)	625,831	100	Abengoa Concessions Investments Ltd.	-	-	C
Africa Solar Investments 2 LLC	Dover (US)	1	100	Abengoa Solar LLC	-	(1)	-
Alsiraj I Solar, JSC	Giza (EGP)	-	100	Abengoa Solar Egypt Investment Company B.V./ Abengoa Solar Internacional, S.A./ Abengoa Solar España, S.A.U.	-	(2)	-
Aman El Baraka S.A.	Agadir (MA)	-	100	Abengoa Water Internacional, S.L.U./Abengoa, S.A.	-	(2)	-
Aprovechamientos Energéticos Furesa, S.A.	Murcia (ES)	2,211	98	Abeinsa Asset Management, S.L.	-	(2)	-
Asa Bioenergy Holding, AG	Zug (SZ)	430,749	100	Abengoa Bioenergía, S.A.	-	(3)	-
Asa Desulfuración, S.A.	Vizcaya (ES)	13,597	100	Siema Investment, S.L.U./Sociedad Inversora en Energía y Medioambiente, S.A.	-	(1)	-
Asa E.& E.H., AG	Zug (SZ)	81	100	Sociedad Inversora Energía y Medio Ambiente, S.A.	-	(1)	-
Asa Iberoamérica, S.L.	Seville (ES)	392,868	100	Soc. Inv. Energía y Medio Ambiente, S.A./Abener Energía, S.A.U.	-	(1)	A
Asa Inmobiliaria Chile, S.A.	Santiago de Chile (CL)	374	100	Abeinsa Inversiones Latam, S.L./ Teyma Abengoa, S.A.	-	(1)	-
Asa Investment AG, ZUG	Zug (SZ)	69,950	100	Abeinsa Inversiones Latam, S.L.	-	(1)	-
ASA Investment Brasil Ltda	Rio de Janeiro (BR)	718	100	Abeansa Brasil, S.A./Abengoa Construção Brasil, Ltda.	-	(1)	-
ASÍ Operations LLC	Delaware (US)	812	100	Abengoa Solar, LLC.	-	(1)	-
ATE X Abengoa Brasil Administração Predial Ltda	Rio de Janeiro (BR)	4,577	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(1)	-
ATE XIX Transmissora de Energia S.A.	Rio de Janeiro (BR)	64,905	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	329,922	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVII Transmissora de Energia S.A.	Rio de Janeiro (BR)	80,963	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	41,475	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XX Transmissora de Energia S.A.	Rio de Janeiro (BR)	53,548	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXI Transmissora de Energia S.A.	Rio de Janeiro (BR)	214,224	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-

## Appendix I – Subsidiary companies included in the 2018 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
ATE XXII Transmissora de Energia S.A.	Rio de Janeiro (BR)	68,697	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	100,494	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXIV Transmissora de Energia S.A.	Rio de Janeiro (BR)	53,998	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXVII Transmissora de Energia S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATN 1, S.A.	Lima (PE)	1,384	100	Abengoa Perú, S.A.	-	(2)	A
ATN 3, S.A.	Lima (PE)	11,688	100	Abengoa Perú, S.A./ Abengoa Greenfield Perú, S.A.	-	(2)	A
Aurorex, S.A.	Montevideo (UY)	357	100	Balofix, S.A.	-	(1)	-
Balofix, S.A.	Montevideo (UY)	1,428	100	Abengoa Energy Crops, S.A.	-	(1)	-
Befesa Agua Tenes S.L.	Seville (ES)	19,524	100	Abengoa Agua, S.A.	-	(2)	-
Befesa CTA Qingdao S.L.U	Madrid (ES)	5,365	100	Abengoa Agua, S.A.	-	(1)	-
Befesa Desalination Developments Ghana Limited	Accra (GH)	5,317	56	Abengoa Water Investment Ghana BV	-	(2)	B
Beijing Abeinsa Management Consulting Co., Ltd.	Pekin (CN)	150	100	Abeinsa Business Development, S.A.	-	(1)	-
Casaquemada Fotovoltaica, S.L.	Seville (ES)	2,936	100	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.	-	(2)	-
Centro Morelos 264 S.A. de C.V	Mexico D.F. (MX)	10,174	100	Abener Energía S.A.U./ Servicios Auxiliares de Administración, S.A.	-	(1)	C
Centro Tecnológico Palmas Altas, S.A.	Seville (ES)	12,899	100	Abengoa, S.A./Abener Energía S.A.U.	-	(1)	A
Concesionaria del Acueducto el Zapotillo, S.A. de C.V.	Mexico D.F. (MX)	24,177	100	Abengoa México, S.A.C.V./Abengoa Agua, S.A./Abener Energía S.A.U.	-	(2)	C
Construcciones Metálicas Mexicanas, S.A. de C.V. (Comensa)	Querétaro (MX)	19,928	100	Europea Const. Metálicas, S.A./Abengoa México, S.A. de C.V.	-	(1)	A
Construcciones y Depuraciones, S.A.U.	Seville (ES)	5,433	100	Abengoa Agua, S.A.	-	(1)	-
Construtora Integração Ltda.	Rio de Janeiro (BR)	-	51	Abengoa Construção Brasil, Ltda.	-	(1)	-
Consultora de Servicios y Proyectos Centro Norte, S.A. de C.V.	Guadalajara (MX)	-	100	Servicios Auxiliares de Administración, S.A. de C.V./ Abengoa México, S.A. de CV	-	(1)	-
Copero Solar Huerta Uno, S.A.	Seville (ES)	96	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Dos, S.A.	Seville (ES)	92	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Tres, S.A	Seville (ES)	94	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Cuatro, S.A.	Seville (ES)	88	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Cinco, S.A.	Seville (ES)	87	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Seis, S.A.	Seville (ES)	83	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Siete, S.A.	Seville (ES)	83	50	Abengoa Solar España, S.A.U.	-	(2)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Copero Solar Huerta Ocho, S.A.	Seville (ES)	81	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Nueve, S.A.	Seville (ES)	42	50	Abengoa Solar España, S.A.U.	-	(2)	-
Copero Solar Huerta Diez, S.A.	Seville (ES)	32	50	Abengoa Solar España, S.A.U.	-	(2)	-
CSP Atacama Dos, S.A	Santiago de Chile (CL)	39,376	100	Abengoa Chile, S.A./Abengoa Solar Chile, SpA	-	(2)	-
CSP Equity Investment S.a.r.l.	Luxembourg (LU)	110,012	100	Abengoa Solar España, S.A.U.	-	(1)	-
Dalian Xizhong Island Desalination Co., Ltd	Dalian (CN)	117	70	Abengoa Water Dalian, S.L.U.	-	(2)	-
Desarrolladora de Energia Renovable, S.A.P.I. de C.V	Mexico D.F. (MX)	-	100	Abengoa México, S.A. de C.V./Servicios Auxiliares de Administración, S.A. De C.V.	-	(1)	-
Development NEA, Ltd.	Tel Aviv (IL)	-	100	NEA Solar Development, S.A.	-	(1)	B
DGEN Transmission Company, Ltd.	Delhi (IN)	1,495	100	Instalaciones Inabensa, S.A.U.	-	(2)	-
Enertey, S.A.	Montevideo (UY)	2,218	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Enicar Chile, SA	Santiago de Chile (CL)	10	100	Abengoa Chile, S.A.	-	(2)	-
Etarey S.A.	Montevideo (UY)	7,272	100	Teyma Uruguay, S.A	-	(1)	-
Europa Desenvolvimentos Solares Ltda.	Rio de Janeiro (BR)	3	100	Abengoa Solar Brasil Desenvolvimentos Solares Ltda./ Abengoa Solar Internacional, S.A.	-	(2)	-
Europea de Construcciones Metálicas, S.A. (Eucomsa)	Seville (ES)	19,488	100	Abener Energía S.A.U.	-	(1)	A
Faritel, S.A.	Montevideo (UY)	15	100	Teyma Forestal, S.A.	-	(1)	-
GES Investment C.V.	Amsterdam (NL)	23	92	Abeinsa Inversiones Latam, S.L.	-	(1)	-
Gestión Integral de Recursos Humanos, S.A.	Seville (ES)	13	100	Siema Technologies / Sociedad Inversora en Energia y Medioambiente, S.A. (Siema)	-	(1)	-
Giomper, S.A.	Montevideo (UY)	313	100	Instalaciones Inabensa, S.A.U./ Enertey, S.A.	-	(1)	-
Inabensa Bharat Private Limited	New Delhi (IN)	13,211	100	Europea Const. Metálicas, S.A./Instalaciones Inabensa, S.A.U./Abener Energía, S.A.U.	-	(1)	C
Inabensa Fotovoltaica, S.L.	Seville (ES)	3	100	Instalaciones Inabensa, S.A.U./Abener Energía S.A.U.	-	(1)	-
Inabensa France, S.A.	Vitrolles (FR)	1,887	100	Instalaciones Inabensa, S.A.U.	-	(1)	A
Inabensa Maroc, S.A.R.L.	Casablanca (MA)	6,723	100	Instalaciones Inabensa, S.A.U.	-	(1)	A
Inabensa Pty Ltd	Sandton (ZA)	-	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Inabensa Rio Ltda	Rio de Janeiro (BR)	11,736	100	Abeansa Brasil, S.A./Abengoa Construção Brasil, Ltda.	-	(1)	-
Inabensa Saudi Company Limited	Jeddah (SA)	17,368	100	Instalaciones Inabensa, S.A.U./Abener Energía S.A.U.	-	(1)	C
Inabensa Ukraine, LLC	Kiev (UA)	15	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Inabensa, LLC	Ruwi (OM)	9,174	70	Instalaciones Inabensa, S.A.U.	-	(1)	A
Iniciativas Hidroeléctricas, S.A.	Seville (ES)	1,226	50	Abengoa Agua, S.A.	-	(2)	-
Instalaciones Fotovoltaicas Torrecuellar, 1 S.L.	Seville (ES)	3	100	Instalaciones Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.	-	(1)	-
Instalaciones Fotovoltaicas Torrecuellar, 2 S.L.	Seville (ES)	3	100	Instalaciones Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.	-	(1)	-
Instalaciones Fotovoltaicas Torrecuellar, 3 S.L.	Seville (ES)	3	100	Instalaciones Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.	-	(1)	-

## Appendix I – Subsidiary companies included in the 2018 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Instalaciones Inabensa, Ltda.	Rio de Janeiro (BR)	2,884	100	Zeroemissions Technologies, S.A./Zeroemissions Carbon Trust,S.A.	-	(1)	-
Instalaciones Inabensa, S.A.U.	Seville (ES)	26,424	100	Abengoa Abenewco 1, S.A.U.	-	(1)	A
Inversora Enicar S.A.	Santiago de Chile (CL)	1,701	100	Abengoa Chile, S.A.	-	(2)	-
Junertil S.A.	Montevideo (UY)	3	100	Enertey, S.A.	-	(1)	-
Kai Garib BEE Holding (Pty) Ltd	Cape Town (ZA)	-	100	Kai Garib Investments	-	(1)	-
Kai Garib EPC Holding (Pty) Ltd	Cape Town (ZA)	-	100	Khunab Investments	-	(1)	-
Kai Garib Investments (Pty) Ltd	Cape Town (ZA)	6	100	Abengoa Solar Investments 2 LLC	-	(1)	-
Kai Garib O&M (Pty) Ltd	Cape Town (ZA)	-	100	Abengoa Solar Power South Africa (Pty) Ltd	-	(1)	-
Kai Garib Solar (Pty) Ltd	Cape Town (ZA)	-	100	Kai Garib Investments (Pty) Ltd	-	(1)	-
Kaxu CSP O&M Company (Pty) Limited	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(1)	A
Kaxu CSP South Africa (Proprietary) Limited	Cape Town (ZA)	1,085	51	Solar Power PV South Africa (Pty) Ltd.	-	(1)	-
Khi CSP O&M Company (Pty) Limited	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(1)	A
Khi CSP South Africa (Proprietary) Limited	Cape Town (ZA)	651	51	Solar Power PV South Africa (Pty) Ltd.	-	(1)	A
Khi Solar One (Pty) Ltd.	Gauteng (ZA)	19,749	51	Son Rivieren (Pty) Limited	-	(2)	A
Khunab Investments (Pty) Ltd	Cape Town (ZA)	6	100	Abengoa Africa Investment LLC	-	(1)	-
Khunab O&M (Pty) Ltd	Cape Town (ZA)	-	100	Abengoa Solar Power South Africa(Pty) Ltd	-	(1)	-
Khunab Solar (Pty) Ltd	Cape Town (ZA)	-	100	Khunab Investments (Pty) Ltd	-	(1)	-
Klitten, S.A.	Montevideo (UY)	12	100	Teyma Uruguay S.A.	-	(1)	-
Las Cabezas Fotovoltaica, S.L.	Seville (ES)	8,164	100	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.	-	(2)	-
Latifox, S.A.	Montevideo (UY)	3	100	Enertey, S.A.	-	(1)	-
Linares Fotovoltaica, S.L.	Seville (ES)	3,271	100	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.	-	(2)	-
Mallorca Desenvolvements Solares Ltda.	Rio de Janeiro (BR)	2	100	Abengoa Solar Brasil Desenvolvements Solares Ltda./ Abengoa Solar Internacional, S.A.	-	(2)	-
Manaus Constructora Ltda	Rio de Janeiro (BR)	-	51	Abengoa Construção Brasil, Ltda.	-	(1)	-
Marudhara Akshay Urja Private Limited	Maharashtra (IN)	31	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(2)	C
Marusthal Green Power Private Limited	Maharashtra (IN)	31	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(2)	C
McTaggart Infracore 1(Pty) Ltd	Cape Town (ZA)	-	100	Solar Power PV South Africa Pty Ltd	-	(1)	-
NEA Solar Development, S.A.	Seville (ES)	5,530	100	Abener Energía, S.A.U./Abengoa Solar España, S.A.U.	-	(1)	-
NEA Solar Investments, LLC.	Colorado (US)	-	100	Abengoa Solar LLC.	-	(1)	-
NEA Solar O&M Holdings LLC	Colorado (US)	-	100	Abengoa Solar, LLC	-	(1)	-
NEA Solar Power, Ltd.	Tel Aviv (IL)	467	100	NEA Solar Investments, LLC	-	(1)	B
Negocios Industriales y Comerciales, S.A. (Nicsa)	Madrid (ES)	6,918	100	Abencor, S.A./Abener Energía, S.A.U.	-	(1)	A
Nicsa Colombia, SAS	Bogotá (CO)	1	100	Negocios Industriales y Comerciales, S.A.	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Nicsa Fornecimiento de Materiais Eléctricos, Ltda.	Rio de Janeiro (BR)	5,152	100	Abener Energía, S.A.U./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Nicsa Industrial Supplies South Africa (Pty) Ltd.	Upington (ZA)	-	100	Negocios Industriales y Comerciales, S.A.	-	(1)	-
Nicsa Perú, S.A.	Lima (PE)	573	100	Negocios Industriales y Comerciales, S.A./Abener Energía, S.A.U.	-	(1)	-
Nicsamex, S.A. de C.V.	Mexico D.F. (MX)	240	100	Negocios Industriales y Comerciales, S.A./Abengoa México, S.A. de C.V.	-	(1)	A
OMEGA Operação e Manutenção de Linhas de Transmissão, S.A.	Rio de Janeiro (BR)	175	100	Omega Sudamérica, S.L./Abengoa Construção Brasil, Ltda.	-	(1)	-
Omega Perú Operación y Mantenimiento S.A.	Lima (PE)	3,453	100	Abengoa Perú S.A./Omega Sudamérica S.L.	-	(1)	A
Omega Sudamérica, S.L.	Seville (ES)	3	100	Instalaciones Inabensa, S.A.U./ASA Iberoamérica S.A.	-	(1)	-
Operación y Mantenimiento Uruguay, S.A.	Montevideo (UY)	1,689	100	Teyma Uruguay S.A	-	(1)	-
Presentel, S.A.	Montevideo (UY)	1	100	Abencor Suministros, S.A.	-	(1)	-
Procesos Ecológicos Carmona 1, S.A.	Seville (ES)	63	100	Abengoa Agua, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Carmona 2, S.A.	Seville (ES)	90	100	Abengoa Agua, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Carmona 3, S.A.	Seville (ES)	60	100	Abengoa Agua, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Lorca 1, S.A.	Seville (ES)	180	100	Abengoa Agua, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Vilches, S.A.	Seville (ES)	1,299	100	Abengoa Agua, S.A./Procesos Ecológicos, S.A.	-	(2)	-
Procesos Ecológicos, S.A.	Seville (ES)	657	50	Abengoa Agua, S.A.	-	(1)	-
Promotora Serabén de Servicios Corporativos, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abener Mexico S.A. de C.V./Abengoa Mexico S.A. de C.V.	-	(1)	-
Puerto Real Cogeneración, S.A.	Seville (ES)	176	99.09	Abensa Asset Management, S.L.	-	(2)	-
Rajasthan Photon Energy Pvt Ltd	Maharashtra (IN)	31	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(2)	C
Servicios Administrativos Tabasco, S.A. de C.V.	Tabasco (MX)	-	100	Servicios Auxiliares de Administración, S.A. de C.V./ Abengoa México, S.A. de CV	-	(1)	-
Servicios Auxiliares de Administración, S.A. de C.V.	Mexico D.F. (MX)	20,365	100	Abengoa México, S.A. de C.V.	-	(1)	C
Servicios Integrales de Mantenimiento y Operación, S.A. (Simosa)	Seville (ES)	-	100	Negocios Industriales y Comerciales, S.A./ Abengoa Abenewco 1, S.A.U.	-	(1)	C
Siema Investment, S.L.U.	Seville (ES)	7,399	100	Siema Technologies, S.L	-	(1)	-
Siema Technologies, S.L.	Seville (ES)	2,093	100	Abengoa Abenewco 1, S.A.U./ Sociedad Inversora en Energía y Medioambiente, S.A.	-	(1)	A
Simosa Brasil, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Inabensa Rio Ltda	-	(1)	-
Sistemas de Desarrollo Sustentables S.A. De C.V.	Mexico D.F. (MX)	3,574	65	Abengoa Servicios Industriales, S.A./Abengoa México, S.A. de CV	-	(1)	A
Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	Seville (ES)	22,535	100	Abengoa Abenewco 1, S.A.U./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Sociedad Inversora Lineas de Brasil, S.L.	Seville (ES)	148,177	100	Asa Iberoamérica, S.L.	-	(1)	A
Société d'Eau Dëssalée d'Agadir (SEDA)	Agadir (MA)	5,008	51	Abengoa Water Agadir, S.L.U.	-	(2)	-
Solar Power Plant One	Argel (DZ)	42,111	51	Abener Energía, S.A.U.	-	(2)	C

## Appendix I – Subsidiary companies included in the 2018 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Solar Power PV South Africa (Pty) Ltd.	Gauteng (ZA)	173	100	Abengoa Solar Internacional, S.A.	-	(2)	A
Solargate Electricidad Cuatro, S.A.	Seville (ES)	1,408	100	Abengoa Solar España, S.A.U./Abengoa Solar New Technologies, S.A.	-	(2)	-
Solargate Electricidad Tres, S.A.	Seville (ES)	2,143	100	Abengoa Solar España, S.A.U./Abengoa Solar New Technologies, S.A.	-	(2)	-
Son Rivieren (Pty) Limited	Cape Town (ZA)	549	100	South Africa Solar Investment, S.L.	-	(1)	A
South Africa Solar Investments, S.L.	Seville (ES)	150,713	100	Abengoa Solar Internacional, S.A./Abener Energía, S.A.U.	-	(1)	A
South Africa Solar Ventures, S.L.	Seville (ES)	50	100	Abengoa Solar Internacional, S.A./Abener Energía, S.A.U.	-	(1)	-
Subestaciones 611 Baja California, S.A. De C.V.	Mexico D.F. (MX)	1	100	Abengoa México, S.A. de C.V./Abengoa Abenewco 1, S.A.U.	-	(1)	-
Tairól, S.A.	Montevideo (UY)	-	100	Talentir, S.A.	-	(1)	-
Talentir, S.A.	Montevideo (UY)	3	100	Enertey, S.A./Instalaciones Inabensa, S.A.U.	-	(1)	-
Tarefix S.A.	Delaware (US)	1	92	Abeinsa Inversiones Latam, S.L.	-	(1)	-
Tenes Lylmyah	Dely Ibrahim (DZ)	19,803	51	Befesa Aguas Tenes, S.L.	-	(2)	-
Teyma Abengoa, S.A.	Buenos Aires (AR)	9,831	100	Abeinsa Inversiones Latam, S.L./Asa Iberoamérica, S.L./Abengoa Abenewco 1, S.A.U.	-	(1)	A
Teyma Construction USA, LLC.	Arizona (US)	158,668	100	Abeinsa, LLC.	-	(1)	-
Teyma Forestal, S.A.	Montevideo (UY)	5,322	100	Teyma Sociedad de Inversión, S.A.	-	(1)	A
Teyma Gestión Ambiental, S.A.	Montevideo (UY)	14	100	Teyma Medioambiente, S.A.	-	(1)	-
Teyma India Private Limited	Mumbai (IN)	3,822	100	Abener Energía, S.A.U./Teyma Internacional S.A.	-	(1)	C
Teyma Internacional, S.A.	Montevideo (UY)	15	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Teyma Medio Ambiente, S.A.	Montevideo (UY)	15	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Teyma Paraguay, SA.	Asunción (PY)	-	100	Teyma Internacional, S.A.	-	(1)	-
Teyma Sociedad de Inversión, S.A.	Montevideo (UY)	15,833	100	Abeinsa Inversiones Latam, S.L.	-	(1)	A
Teyma South Africa (Pty) Ltd.	Upington (ZA)	2,095	100	Abener Energía, S.A.U.	-	(1)	-
Teyma Uruguay ZF, S.A.	Montevideo (UY)	3,831	100	Teyma Uruguay, S.A.	-	(1)	-
Teyma Uruguay, S.A.	Montevideo (UY)	13,413	100	Teyma Sociedad de Inversión, S.A.	-	(1)	A
Teyma USA & Abener Engineering and Construction Services Partnership	Missouri (US)	137,584	100	Teyma Construction USA, LLC/Abener Construction Services, LLC.	-	(1)	-
Transportadora El Rodeo S.A.	Buenos Aires (AR)	-	85	Teyma Abengoa S.A.	(*)	(1)	-
Transportadora Cuyana, S.A.	Buenos Aires (AR)	1	100	Teyma Abengoa, S.A./Abengoa Abenewco 1, S.A.U.	-	(1)	-
Transportadora del Norte, S.A.	Buenos Aires (AR)	-	100	Abengoa, S.A./Teyma Abengoa, S.A.	-	(1)	-
Transportadora Mar del Plata S.A.	Buenos Aires (AR)	2	70	Teyma Abengoa, S.A./ Abengoa Abenewco 1, S.A.U.	-	(1)	A
Transportadora Río Coronda, S.A.	Buenos Aires (AR)	-	20	Teyma Abengoa, S.A./Abengoa, S.A.	-	(1)	-
Turbogenerador Madero 7, S.A. de C.V.	Mexico D.F. (MX)	1	100	Abener Energía, S.A.U./Abengoa México, S.A. de C.V.	-	(1)	-
Unidad Punta de Rieles, S.A.	Montevideo (UY)	9,631	85	Teyma Uruguay, S.A.	-	(2)	A

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
XiNa CSP South Africa (Pty) Ltd	Cape Town (ZA)	15,500	100	South Africa Solar Investments, S.L.	-	(1)	A
XiNa Operations and Maintenance Company (Pty) Ltd	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(1)	-
Zero Emissions Technologies, S.A. (Zeroemissions)	Seville (ES)	60	100	Abener Energía, S.A.U./Abengoa Innovación, S.A.	-	(1)	-
Zeroemissions (Beijing) Technology Consulting Service Co. Ltd	Beijing (CN)	100	101	Zero Emissions Technologies, S.A./Zeroemissions Carbon Trust, S.A.	-	(1)	-
Zeroemissions Carbon Trust, S.A	Seville (ES)	125	100	Zeroemissions Technologies, S.A./Abener Energía, S.A.U.	-	(1)	-
Zona Norte Engenharia, Manutenção e Gestão De Serviços, S.A. Spe.	Manaus (BR)	24,289	60	Abengoa Concessões Brasil Holding, S.A.	-	(2)	-

Shareholding capital cost is calculated using the current closing year exchange rate.

% of Nominal Capital corresponds to the participation held by the direct parent company.

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

(1) Operating segment activities area: Engineering and Construction.

(2) Operating segment activities area: Transmission.

(3) Operating segment activities area: Bioenergy.

A Audited by PricewaterhouseCoopers Auditores.

B Audited by Deloitte (for legal purposes).

C Others (for legal purposes).

## Appendix II – Associated companies and Joint Ventures included in the 2018 Consolidated Perimeter using the participation method

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
AAGES B.V.	Amsterdam (NL)	1	50	Abengoa-Algonquin Global Energy Solutions BV	(*)	(1)	-
AAGES Devco Services S.A.	Seville (ES)	2,460	100	Abengoa-Algonquin Global Energy Solutions BV	(*)	(1)	-
AAGES Development Canada Inc	Ontario (CA)	218	50	Abengoa Abenewco 1, S.A.U.	(*)	(1)	-
AAGES Development Spain, S.A.	Seville (ES)	750	50	Abengoa Abenewco 1, S.A.U.	-	(1)	-
Abeima Fisia Shuaibah LLC	Saudi Arabia (SA)	58	50	Abengoa Agua, S.A.	-	(1)	-
Abengoa Vista Ridge, LLC.	Texas (US)	17,106	20	Abengoa Water USA, LLC.	-	(2)	-
Abengoa-Algonquin Global Energy Solutions BV	Amsterdam (NL)	4,360	50	Abengoa Abenewco 1, S.A.U.	(*)	(1)	-
Agua y Gestión de Servicios Ambientales, S.A.	Seville (ES)	3,562	42	Abengoa Agua, S.A.	-	(2)	-
Ashalim Thermo Solar Management, Ltd.	Israel (IL)	-	50	Abener Energia, S.A.U.	-	(1)	-
Cedisolar, S.A.	Ourense (ES)	4,992	57.5	Rioglass Solar Holding, S.A	-	(2)	-
Chennai O&M, JV Private Limited	Chennai (IN)	-	50	Abengoa Agua, S.A.	-	(1)	-
Chennai Water Desalination Limited	Chennai (IN)	7,086	25	Abengoa Agua, S.A.	-	(2)	-
Coabén SA de CV	Mexico D.F. (MX)	1	50	Abengoa México S.A. de C.V./Instalaciones Inabensa, S.A.U.	-	(1)	-
Consortio Abengoa MPM S.A.	Santiago de Chile (CL)	1	50	Abengoa Chile, S.A.	-	(1)	-
Constructor Atacama CSP SL	Madrid (ES)	1	49	Abengoa Energia Atacama CSP, SL	(*)	(1)	-
Constructor Atacama CSP Chile SpA	Santiago de Chile (CL)	4	49	Abengoa Energia Atacama CSP, SL	(*)	(1)	-
Dalian Xizhong Island Energy Co., Ltd.	Dalian (CN)	30	100	Abengoa Water Dalian, S.L.U.	-	(2)	-
Gran Establecimiento SA	Montevideo (UY)	2	33.33	Teyma Forestal	-	(1)	-
HZN Manutenção Hospitalar Ltda.	Manaus (BR)	-	33	Simosa Brasil, S.A.	-	(1)	-
Inapreu, S.A.	Barcelona (ES)	2,318	50	Instalaciones Inabensa, S.A.U.	-	(2)	A
Ledincor S.A.	Montevideo (UY)	700	49	Teyma Forestal, S.A.	-	(1)	-
Lidelir S.A.	Montevideo (UY)	1,132	49	Teyma Forestal, S.A.	-	(1)	-
Micronet Porous Fibers, S.L.	Vizcaya (ES)	3,596	50	Abengoa Agua, S.A.	-	(1)	-
Pectonex (RF) Proprietary Limited	Cape Town (ZA)	-	50	Xina Solar One (Rf) (Pty), Ltd	-	(1)	A
Rio Huan Solar Co., Ltd	Inner Mongolia (CN)	2,973	55	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass Solar 2	Asturias (ES)	60	100	Rioglass Solar Holding, S.A	-	(1)	-
Rioglass Solar Chile, S.A.	Santiago de Chile (CL)	1	100	Rioglass Solar Holding, S.A	-	(1)	-
Rioglass Solar Holding, S.A	Asturias (ES)	4,498	15	Abener Energia, S.A.U.	-	(1)	-
Rioglass Solar Inc.	Delaware (US)	9,391	100	Rioglass Solar Holding, S.A	-	(1)	-
Rioglass Solar Internacional	Brussels (BE)	62	100	Rioglass Solar Holding, S.A/Rioglass Solar, S.A	-	(1)	-
Rioglass Solar Systems Ltd.	Tel Aviv (IL)	-	100	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass Solar, S.A	Asturias (ES)	6,906	100	Rioglass Solar Holding, S.A	-	(1)	-
Rioglass South Africa (Lty) Ltd.	Johannesburgo (ZA)	60	100	Rioglass Solar Holding, S.A	-	(1)	-
SRC Nanomaterials, S.A	Asturias (ES)	500	50	Rioglass Solar, S.A.	-	(2)	-
Total Abengoa Solar Emirates O&M Company, B.V. (TASEOM)	Amsterdam (NL)	82	50	Abengoa Solar Ventures, S.A.	-	(2)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Vista Ridge Regional Water Supply Corporation	Texas (US)	-	100	Abengoa Vista Ridge	-	(2)	-
Xina Solar One (Rf) (Pty), Ltd.	Gauteng (ZA)	61,987	40	XiNa CSP South Africa (Pty) Ltd.	-	(2)	A

Shareholding capital cost is calculated using the current closing year exchange rate.

% of Nominal Capital corresponds to the participation held by the direct parent company.

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

(1) Operating segment activities area: Engineering and Construction.

(2) Operating segment activities area: Transmission.

(3) Operating segment activities area: Bioenergy.

A Audited by PricewaterhouseCoopers Auditores.

B Audited by Deloitte (for legal purposes).

C Others (for legal purposes).



## Appendix III – Temporary Joint Ventures included in the 2018 Consolidated Perimeter using the proportional integration method

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Acceso Avda Pais Valencia	Alicante (ES)	3.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Agencia Andaluza de Energía	Seville (ES)	6.00	35	Instalaciones Inabensa, S.A.U.	-	(1)	-
Albalac	Madrid (ES)	2.04	33.34	Instalaciones Inabensa, S.A.U.	-	(1)	-
Almanjayar	Madrid (ES)	1.50	25	Instalaciones Inabensa, S.A.U.	-	(1)	-
Almería	Almería (ES)	1.50	50	Abengoa Agua, S.A	-	(1)	-
Aparcamiento L'Ordana	Alicante (ES)	4.50	90	Instalaciones Inabensa, S.A.U.	-	(1)	-
APCA Inabensa-Abengoa Lote 2	Seville (ES)	6.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
APCA Inabensa-Abengoa Lote 1	Seville (ES)	6.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Argelia	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
CARE Córdoba	Seville (ES)	12.00	25	Instalaciones Inabensa, S.A.U.	-	(1)	-
Carhuamayo-Carhuacuero UTE Euomsa	Seville (ES)	6.90	100	Abener Energía, S.A.U./Europa de Construcc. Metálicas, S.A.	-	(1)	-
Cartagena	Murcia (ES)	1.13	37.50	Abengoa Agua, S.A	-	(1)	-
CGS-ABENGOA	Zaragoza (ES)	2.40	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Círculo Mercantil e Industrial de Sevilla	Seville (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Ciudad de la Justicia	Madrid (ES)	1.00	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Consistorio	Madrid (ES)	6.00	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Consorcio Abengoa MPM S.A.	Santiago (CL)	1.28	50	Abengoa Chile, S.A.	(*)	(1)	-
Consorcio Pachacutec	Lima (PE)	-	50	Abengoa Perú, S.A.	-	(1)	-
Consorcio La Gloria	Lima (PE)	-	50	Abengoa Perú, S.A.	-	(1)	-
Consorcio Abengoa Kipreos Limitada	Santiago (CL)	6.77	50	Abengoa Chile, S.A.	-	(1)	-
Consorcio Ambiental de la Plata	Montevideo (UY)	0.67	100	Teyma Uruguay, S.A./Teyma Medioambiente S.A.	-	(1)	-
Consorcio Constructor Alto Cayma	Lima (PE)	-	25	Abengoa Perú, S.A.	-	(1)	-
Consorcio Ermitaño	Lima (PE)	-	50	Abengoa Perú, S.A.	-	(1)	-
CPD Solares UTE	Madrid (ES)	10.00	35	Instalaciones Inabensa, S.A.U.	-	(1)	-
Edificio ETEA	Zaragoza (ES)	-	40	Instalaciones Inabensa, S.A.U.	-	(1)	-
Edificio ITA	Zaragoza (ES)	3.00	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Emviesa Palacio Exposiciones	Seville (ES)	1.50	25	Instalaciones Inabensa, S.A.U.	-	(1)	-
Energía Línea 9	Barcelona (ES)	1.20	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Facultades	Madrid (ES)	1.00	15	Instalaciones Inabensa, S.A.U.	-	(1)	-
Ferrovial-Agroman Teyma (FAT)	Montevideo (UY)	-	40	Teyma Uruguay, S.A.	-	(1)	-
Guardería La Nucia	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
H. Campus de la Salud	Seville (ES)	2.40	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Hospital Costa del Sol	Málaga (ES)	10.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
IB INABENSA (JV) G15	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.U.	-	(1)	-
IB INABENSA (JV) G24	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.U.	-	(1)	-
IB INABENSA (JV) GR177	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.U.	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
IB-PGF-INABEN(JV) GR159 CORE	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.U.	-	(1)	-
Inabensa-Jayton Catral	Alicante (ES)	10.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Inabensa-Jayton La Nucia	Alicante (ES)	6.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Inabensa-Jayton Villajoyosa	Alicante (ES)	3.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Inacom	Madrid (ES)	6.00	25	Instalaciones Inabensa, S.A.U.	-	(1)	-
Incubadora	Madrid (ES)	1.80	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
La Faisanera	Burgos (ES)	4.00	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Libia-Líneas	Seville (ES)	-	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Machupichu	Seville (ES)	6.00	100	Abener Energía, S.A.U./Abencor Suministros, S.A.	-	(1)	-
Mantenimiento AVE Energía	Madrid (ES)	0.68	11.27	Instalaciones Inabensa, S.A.U.	-	(1)	-
Mataporquera	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Metro Ligero de Granada	Madrid (ES)	6.00	40	Instalaciones Inabensa, S.A.U.	-	(1)	-
Mobiliario La Nucia	Alicante (ES)	5.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Norte III	Seville (ES)	-	100	Abener Energía, S.A.U./Abensa Engineering S.L.	-	(1)	-
Ontoria	Vizcaya (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Pabellón Cubierto La Nucia	Alicante (ES)	9.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Parque Soland	Seville (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Pistas Deportivas La Nucia	Alicante (ES)	1.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Preufet Juzgados	Barcelona (ES)	6.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Rap Fenol	Madrid (ES)	6.00	33	Instalaciones Inabensa, S.A.U.	-	(1)	-
Rotonda CV-70	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
S/E Libia	Madrid (ES)	-	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Sede Universitaria	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Seguridad Vial y Tráfico Rodado	Alicante (ES)	9.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-
Sifrasub	Madrid (ES)	2.00	40	Instalaciones Inabensa, S.A.U.	-	(1)	-
Sisecat	Madrid (ES)	1.00	20.95	Instalaciones Inabensa, S.A.U.	-	(1)	-
Sisecat II	Madrid (ES)	6.00	20.95	Instalaciones Inabensa, S.A.U.	-	(1)	-
Telar Klitten	Montevideo (UY)	0.88	100	Teyma Uruguay, S.A.	-	(1)	-
Telvent-Inabensa	Barcelona (ES)	3.00	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
Torre	Bilbao (ES)	6.00	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Torre Isla Cartuja	Seville (ES)	12.00	20	Instalaciones Inabensa, S.A.U.	-	(1)	-
Tranvía de Jaén	Seville (ES)	1.00	15	Instalaciones Inabensa, S.A.U.	-	(1)	-
Universidad de Sevilla	Seville (ES)	-	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Usansolo	Vizcaya (ES)	-	50	Instalaciones Inabensa, S.A.U.	-	(1)	-
UTE Abener Teyma Inabensa Atacama I PV	Seville (ES)	-	100	Abener Energía, S.A.U./Abengoa Energía Atacama CSP, S.L.U.	-	(1)	-
UTE Alacat	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A.U./ Electricificaciones y Montajes Integrales OHL, S.A.	-	(1)	-

## Appendix III – Temporary Joint Ventures included in the 2018 Consolidated Perimeter using the proportional integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
UTE Abeima Teyma Zapotillo	Seville (ES)	7.00	100	Abengoa Agua, S.A./Abener Energía, S.A.U.	-	(1)	-
UTE Abeima Fisiah Shuaibah	Seville (ES)	-	50	Abengoa Agua, S.A.	(*)	(1)	-
UTE Abeima Teyma Nungua	Seville (ES)	7.00	100	Abengoa Agua, S.A./Abener Energía, S.A.U.	-	(1)	-
UTE Abeima Teyma Barka	Seville (ES)	-	100	Abengoa Agua, S.A./Abener Energía, S.A.U.	-	(1)	-
UTE Abeima Teyma Agadir	Seville (ES)	-	100	Abengoa Agua, S.A./ Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Abencor-Inabensa Chilca Montalvo	Seville (ES)	7.00	100	Abener Energía, S.A.U./Abencor Suministros, S.A.	-	(1)	-
UTE Abener Inabensa NP Tabasco	Seville (ES)	-	100	Abener Energía, S.A.U./Abeinsa Engineering S.L.	-	(1)	-
UTE Abener Abengoa Water Sahechores	Seville (ES)	3.00	50	Abener Energía, S.A.U./ Abengoa Agua, S.A.	-	(1)	-
UTE Abener Teyma Atacama I	Seville (ES)	-	100	Abener Energía, S.A.U./Abengoa Energía Atacama CSP, S.L.U.	-	(1)	-
UTE Abener Inabensa NP Tabasco II	Seville (ES)	-	100	Abener Energía, S.A.U./Abeinsa Engineering S.L.	-	(1)	-
UTE Abensaih Guadalquivir	Seville (ES)	3.06	51	Abengoa Agua, S.A.	-	(1)	-
UTE Amés Brión	La Coruña (ES)	3.00	50	Abengoa Agua, S.A.	-	(1)	-
UTE Ashalim Eucomsa-Abeinsa Engineering	Seville (ES)	-	100	Europea de Construcc. Metálicas, S.A./Abeinsa Engineering SL	-	(1)	-
UTE Avensaih Guadalete - Barbate	Cádiz (ES)	3.06	51	Abengoa Agua, S.A.	-	(1)	-
UTE B. Almazora	Murcia (ES)	2.40	40	Abengoa Agua, S.A.	-	(1)	-
Ute Baja California Sur IV	Seville (ES)	-	100	Abener Energía, S.A.U./Serv. Aux. de Admon., S.A. de C.V.	-	(1)	-
UTE CAC Arequipa	Arequipa (PE)	3.26	51	Abengoa Agua, S.A.	-	(1)	-
UTE Cáceres	Cáceres (ES)	3.00	50	Abengoa Agua, S.A.	-	(1)	-
UTE Canal de Navarra	Navarra (ES)	3.60	20	Abengoa Agua, S.A.	-	(1)	-
UTE CCAC Arequipa	Arequipa (PE)	6.66	25	Abengoa Agua, S.A.	-	(1)	-
UTE Centro Morelos	Seville (ES)	-	100	Abener Energía, S.A.U./ Serv. Aux. de Administración, S.A. de C.V.	-	(1)	-
UTE Chennai O&M	India (IN)	6.00	100	Construcciones y Depuraciones, S.A.U./ Abengoa Agua, S.A.	-	(1)	C
UTE Chennai	India (IN)	6.00	100	Abengoa Agua, S.A./Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Conquero	Huelva (ES)	3.00	50	Abengoa Agua, S.A.	-	(1)	-
UTE Dead Sea Works	Seville (ES)	-	100	Abener Energía, S.A.U./Abeinsa Engineering SL	-	(1)	-
UTE Denizli	Denizli (TR)	-	100	Abengoa Agua, S.A./ Abener Energía, S.A.U./ Abengoa Perú S.A.	-	(1)	-
UTE El Cerrillo	Córdoba (ES)	4.80	80	Abengoa Agua, S.A.	-	(1)	-
UTE Guadalajara	Guadalajara (ES)	3.31	55	Abengoa Agua, S.A.	-	(1)	-
UTE Hassi R'Mel Construction	Seville (ES)	-	100	Abener Energía, S.A.U./ Abengoa Solar New Technologies, S.A.	-	(1)	-
UTE Hassi R'Mel O&M	Seville (ES)	-	100	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.	-	(1)	-
UTE Hidrosur	Málaga (ES)	2.00	33.33	Abengoa Agua, S.A.	-	(1)	-
UTE Honaine O&M	Algeria (AR)	1.50	50	Abengoa Agua, S.A.	-	(1)	-
UTE Honaine	Algeria (AR)	1.50	50	Abengoa Agua, S.A.	-	(1)	-
UTE Inabensa-Ansaldo	Madrid (ES)	10.00	40.12	Instalaciones Inabensa, S.A.U./Ansaldo STS España SAU	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
UTE Inabensa Teyma Peralta	Seville (ES)	60.00	100	Instalaciones Inabensa, S.A.U. /Abener Energía, S.A.U.	-	(1)	-
UTE Inabensa Teyma Eólica del Tala	Seville (ES)	60.00	100	Instalaciones Inabensa, S.A.U. /Abener Energía, S.A.U.	-	(1)	-
UTE Las Bambas	Seville (ES)	6.00	100	Abener Energía, S.A.U./Abencor Suministros, S.A.	-	(1)	-
UTE Mantenimiento Presas	Málaga (ES)	2.10	35	Abengoa Agua, S.A.	-	(1)	-
UTE Marismas Construcción	Seville (ES)	12.00	100	Abengoa Agua, S.A./Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Ojén Mijas	Málaga (ES)	-	70	Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Reus	Cataluña (ES)	3.90	65	Abengoa Agua, S.A.	-	(1)	-
UTE Riegos Marismas	Seville (ES)	5.94	99	Abengoa Agua, S.A.	-	(1)	-
UTE Salalah	Omán (OM)	-	49	Abengoa Agua, S.A.	(*)	(1)	-
UTE Sallent	Cataluña (ES)	3.00	50	Abengoa Agua, S.A.	-	(1)	-
UTE Skikda	Algeria (AR)	2.00	67	Abengoa Agua, S.A./Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Skikda O&M	Algeria (AR)	2.01	67	Construcciones y Depuraciones, S.A.U./ Abengoa Agua, S.A.	-	(1)	-
UTE Tenés	Algeria (AR)	6.00	100	Abengoa Agua, S.A./Construcciones y Depuraciones, S.A.U.	-	(1)	-
UTE Tenes O&M	Algeria (AR)	4.80	100	Construcciones y Depuraciones, S.A.U./ Abengoa Agua, S.A.	-	(1)	-
Utrera	Seville (ES)	3.01	50	Abengoa Agua, S.A.	-	(1)	-
Winterra-Inabensa Sarriá	Compostela (ES)	2.00	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Winterra-Inabensa Monterroso	Compostela (ES)	6.00	30	Instalaciones Inabensa, S.A.U.	-	(1)	-
Zonas Deportivas La Nucia	Alicante (ES)	4.00	100	Instalaciones Inabensa, S.A.U.	-	(1)	-

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

- (1) Operating segment activities area: Engineering and Construction.
- (2) Operating segment activities area: Transmission.
- (3) Operating segment activities area: Bioenergy.

A Audited by PricewaterhouseCoopers Auditores.  
 B Audited by Deloitte.  
 C Others.

## Appendix IV.- Subsidiary companies which during 2018 and 2017 were no longer included in the Consolidation Perimeter

Company Name	Year of Exit	% Share	Motive
AB Bioenergy Hannover GmbH	2018	100,00	Merger of the company
Abeinsa BD Asia Pacific Pte. Ltd	2018	100,00	Dissolution of the company
Abeinsa Business Development, Sp.z.o.o.	2018	100,00	Dissolution of the company
Abeinsa Business Development GmbH	2018	100,00	Dissolution of the company
Abeinsa, Ing y Const. Ind., S.A.	2018	100,00	Merger of the company
Abengoa Bioenergy UK Limited	2018	100,00	Dissolution of the company
Abengoa Bioenergy Biomass of Kansas, LLC	2018	100,00	Dissolution of the company
Abengoa Energy Crops Australia Pty Ltd	2018	100,00	Dissolution of the company
Abengoa PW II Investments, S.L	2018	100,00	Dissolution of the company
Abengoa Research, S.L.	2018	100,00	Dissolution of the company
Abengoa Solar S.A.	2018	100,00	Merger of the company
Abengoa Solar Middle East Holding, S.L	2018	100,00	Dissolution of the company
Abengoa Water S.L.	2018	100,00	Merger of the company
Abengoa Water Investments Takoradi Bv	2018	100,00	Dissolution of the company
Aboardze Desalination Developments, Limited	2018	90,00	Dissolution of the company
ATE VI Campos Novos Transmissora de Energia ,S.A	2018	100,00	Sale of the company
ATE VII- Foz do Iguaçu Transmissora de Energia, S.A.	2018	100,00	Sale of the company
ATE XI, Manaus Transmissora de Energia	2018	50,50	Sale of the company
ATE XIII, Norte Brasil Transmissora de Energia S.A	2018	51,00	Sale of the company
Cogeneración Villaricos, S.A.	2018	99,22	Sale of the company
Denizli Water Treatment Limited Sirketi	2018	100,00	Dissolution of the company
Energoprojekt-Gilvice S.A.	2018	100,00	Lost Control
Inabensa Limited	2018	100,00	Dissolution of the company
Iniciativas Hidroeléctricas de Aragón y Cataluña, S.L.	2018	95,00	Lost Control
Instalaciones Inabensa Insaat Enerji Sanayi ve Ticaret Ltd Sirketi	2018	100,00	Dissolution of the company
Londrina Transmissora De Energia S.A.	2018	100,00	Sale of the company
NEA Solar Operation and Maintenance, Ltd.	2018	100,00	Dissolution of the company
Nicsa Chile, SpA.	2018	100,00	Dissolution of the company
Omega Chile SpA	2018	100,00	Dissolution of the company
Sao Mateus Transmissora de Energia Ltda.	2018	76,00	Sale of the company
Simosa I.T., S.A	2018	100,00	Lost Control
Simosa IT US, LLC	2018	100,00	Lost Control
Simosa IT Uruguay S.A.	2018	100,00	Lost Control
Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.	2018	100,00	Merger of the company
Transportadora Rio de la Plata, S.A.	2018	100,00	Dissolution of the company
Abeinsa Business Development Corp.	2017	100,00	Dissolution of the company
Abeinsa Business Development, Spa.	2017	100,00	Dissolution of the company
Abeinsa Construction LLC	2017	100,00	Dissolution of the company

Company Name	Year of Exit	% Share	Motive
Abeinsa Juárez Norte III, S.A. de C.V.	2017	100,00	Sale of the company
Aberna Ltda	2017	100,00	Dissolution of the company
Abencor USA LLC	2017	100,00	Lost Control
Abengoa Bioenergia Agroindustria Trading US Inc.	2017	100,00	Dissolution of the company
Abengoa Bioenergia Biodiesel S.A.	2017	100,00	Dissolution of the company
Abengoa Bioenergia Biomasse France, SAS	2017	100,00	Dissolution of the company
Abengoa Bioenergia Outsourcing, LLC	2017	100,00	Lost Control
Abengoa Bioenergy Biomass Funding, LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy Company, LLC.	2017	100,00	Lost Control
Abengoa Bioenergy Developments, LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy Engineering & Construction, LLC	2017	100,00	Lost Control
Abengoa Bioenergy France, S.A.	2017	74,78	Sale of the company
Abengoa Bioenergy Funding, LLC.	2017	100,00	Lost Control
Abengoa Bioenergy Holdco, Inc.	2017	100,00	Lost Control
Abengoa Bioenergy Hybrid of Kansas, LLC.	2017	100,00	Lost Control
Abengoa Bioenergy Investments , LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy Maple, LLC	2017	100,00	Lost Control
Abengoa Bioenergy Meramec Holding, Inc.	2017	51,00	Lost Control
Abengoa Bioenergy Meramec Renewable, LLC.	2017	100,00	Lost Control
Abengoa Bioenergy of Illinois, LLC	2017	100,00	Lost Control
Abengoa Bioenergy of Indiana, LLC	2017	100,00	Lost Control
Abengoa Bioenergy of Kansas, LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy of Maryland, LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy of Nebraska, LLC.	2017	100,00	Lost Control
Abengoa Bioenergy of Texas, LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy Operations , LLC	2017	100,00	Lost Control
Abengoa Bioenergy Renewable Power US,LLC	2017	100,00	Dissolution of the company
Abengoa Bioenergy Technology Holding , LLC	2017	100,00	Lost Control
Abengoa Bioenergy Trading Europe, B.V.	2017	100,00	Dissolution of the company
Abengoa Bioenergy Trading US, LLC	2017	100,00	Lost Control
Abengoa Bioenergy US Holding, LLC	2017	100,00	Lost Control
Abengoa Biotechnology, LLC	2017	100,00	Dissolution of the company
Abengoa Inversiones Mexico, S.L.	2017	100,00	Dissolution of the company
Abengoa Inversiones Spain, S.L.	2017	100,00	Dissolution of the company
Abengoa Inversiones Sudamerica, S.L.	2017	100,00	Dissolution of the company
Abengoa Inversiones Uruguay, S.L.	2017	100,00	Dissolution of the company
Abengoa Solar Power Australia Pty Limited	2017	100,00	Dissolution of the company
Abengoa Solar GmbH	2017	100,00	Dissolution of the company

## Appendix IV.- Subsidiary companies which during 2018 and 2017 were no longer included in the Consolidation Perimeter (continuation)

Company Name	Year of Exit	% Share	Motive
Abengoa Solar Japan K.K.	2017	100.00	Dissolution of the company
Abengoa Solar Power DMCC, LLC	2017	100.00	Dissolution of the company
Abengoa Transmission Holdings, LLC	2017	100.00	Dissolution of the company
AEPIC USA Inc.	2017	100.00	Dissolution of the company
Biocarburantes de Castilla y León, S.A.	2017	100.00	Sale of the company
Bioetanol Galicia, S.A.	2017	100.00	Sale of the company
Captación Solar, S.A.	2017	100.00	Dissolution of the company
Captasol Fotovoltaica 1, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 2, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 3, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 4, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 5, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 6, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 7, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 8, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 9, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 10, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 11, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 12, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 13, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 14, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 15, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 16, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 17, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 18, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 19, S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 20 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 21 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 22 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 23 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 24 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 25 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 26 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 27 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 28 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 29 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 30 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 31 S.L.	2017	100.00	Merger of the company

Company Name	Year of Exit	% Share	Motive
Captasol Fotovoltaica 32 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 33 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 34 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 35 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 36 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 37 S.L.	2017	100.00	Merger of the company
Captasol Fotovoltaica 38 S.L.	2017	100.00	Merger of the company
Concesiones Eléctricas Chile SpA	2017	100.00	Dissolution of the company
CSP Atacama Inversiones Dos, SpA	2017	100.00	Dissolution of the company
Ecoagrícola, S.A.	2017	100.00	Sale of the company
Ecocarburantes Españoles, S.A.	2017	95.10	Sale of the company
Girhmex, S.A. De C.V.	2017	100.00	Dissolution of the company
Global Engineering Services LLC	2017	100.00	Dissolution of the company
Inabensa Electric and Electronic Equipment Manufacturing (Tiajin )Co. Ltda.	2017	100.00	Sale of the company
Inabensa USA, LLC	2017	100.00	Lost Control
Marismas PV A1, S.L.	2017	100.00	Merger of the company
Marismas PV A2, S.L.	2017	100.00	Merger of the company
Marismas PV A3, S.L.	2017	100.00	Merger of the company
Marismas PV A4, S.L.	2017	100.00	Merger of the company
Marismas PV A5, S.L.	2017	100.00	Merger of the company
Marismas PV A6, S.L.	2017	100.00	Merger of the company
Marismas PV A7, S.L.	2017	100.00	Merger of the company
Marismas PV A8, S.L.	2017	100.00	Merger of the company
Marismas PV A9, S.L.	2017	100.00	Merger of the company
Marismas PV A10, S.L.	2017	100.00	Merger of the company
Marismas PV A11, S.L.	2017	100.00	Merger of the company
Marismas PV A12, S.L.	2017	100.00	Merger of the company
Marismas PV A13, S.L.	2017	100.00	Merger of the company
Marismas PV A14, S.L.	2017	100.00	Merger of the company
Marismas PV A15, S.L.	2017	100.00	Merger of the company
Marismas PV A16, S.L.	2017	100.00	Merger of the company
Marismas PV A17, S.L.	2017	100.00	Merger of the company
Marismas PV A18, S.L.	2017	100.00	Merger of the company
Marismas PV B1, S.L.	2017	100.00	Merger of the company
Marismas PV B2, S.L.	2017	100.00	Merger of the company
Marismas PV B3, S.L.	2017	100.00	Merger of the company
Marismas PV B4, S.L.	2017	100.00	Merger of the company
Marismas PV B5, S.L.	2017	100.00	Merger of the company

## Appendix IV.- Subsidiary companies which during 2018 and 2017 were no longer included in the Consolidation Perimeter (continuation)

Company Name	Year of Exit	% Share	Motive
Marismas PV B6, S.L.	2017	100.00	Merger of the company
Marismas PV B7, S.L.	2017	100.00	Merger of the company
Marismas PV B8, S.L.	2017	100.00	Merger of the company
Marismas PV B9, S.L.	2017	100.00	Merger of the company
Marismas PV B10, S.L.	2017	100.00	Merger of the company
Marismas PV B11, S.L.	2017	100.00	Merger of the company
Marismas PV B12, S.L.	2017	100.00	Merger of the company
Marismas PV B13, S.L.	2017	100.00	Merger of the company
Marismas PV B14, S.L.	2017	100.00	Merger of the company
Marismas PV B15, S.L.	2017	100.00	Merger of the company
Marismas PV B16, S.L.	2017	100.00	Merger of the company
Marismas PV B17, S.L.	2017	100.00	Merger of the company
Marismas PV B18, S.L.	2017	100.00	Merger of the company
Marismas PV C1, S.L.	2017	100.00	Merger of the company
Marismas PV C2, S.L.	2017	100.00	Merger of the company
Marismas PV C3, S.L.	2017	100.00	Merger of the company
Marismas PV C4, S.L.	2017	100.00	Merger of the company
Marismas PV C5, S.L.	2017	100.00	Merger of the company
Marismas PV C6, S.L.	2017	100.00	Merger of the company
Marismas PV C7, S.L.	2017	100.00	Merger of the company
Marismas PV C8, S.L.	2017	100.00	Merger of the company
Marismas PV C9, S.L.	2017	100.00	Merger of the company
Marismas PV C10, S.L.	2017	100.00	Merger of the company
Marismas PV C11, S.L.	2017	100.00	Merger of the company
Marismas PV C12, S.L.	2017	100.00	Merger of the company
Marismas PV C13, S.L.	2017	100.00	Merger of the company
Marismas PV C14, S.L.	2017	100.00	Merger of the company
Marismas PV C15, S.L.	2017	100.00	Merger of the company
Marismas PV C16, S.L.	2017	100.00	Merger of the company
Marismas PV C17, S.L.	2017	100.00	Merger of the company
Marismas PV C18, S.L.	2017	100.00	Merger of the company
Marismas PV E1, S.L.	2017	100.00	Merger of the company
Marismas PV E2, S.L.	2017	100.00	Merger of the company
Marismas PV E3, S.L.	2017	100.00	Merger of the company
NEA Solar Power, S.A.	2017	100.00	Dissolution of the company
Nisca Industrial Supplies, LLC.	2017	100.00	Lost Control
Nisca Sanayi Malzemeleri Limited Sirketi	2017	100.00	Dissolution of the company
Pahrump Valley Solar LLC	2017	100.00	Dissolution of the company

Company Name	Year of Exit	% Share	Motive
Power & Railway Solutions, S.L.	2017	100.00	Dissolution of the company
Power Structures Inc.	2017	100.00	Dissolution of the company
PV Atacama Dos, S.A	2017	100.00	Dissolution of the company
PV Atacama Inversiones Uno, SpA	2017	100.00	Dissolution of the company
PV Atacama Inversiones Dos, SpA	2017	100.00	Dissolution of the company
PV Atacama Tres S.A	2017	100.00	Merger of the company
Qingdao Befesa Agua Co., Ltd	2017	100.00	Dissolution of the company
Servicios de Ingeniería IMA, S.A.	2017	94.08	Sale of the company
Siema Factory Holding, AG	2017	100.00	Dissolution of the company
Transportadora Bahía Blanca S.A.	2017	100.00	Dissolution of the company
Transportadora Riojana S.A.	2017	100.00	Dissolution of the company

% Share corresponds to the participation held by the direct parent company.

## Appendix V.- Associated companies and Joint Ventures which during 2018 and 2017 were no longer included in the Consolidation Perimeter

Company Name	Year of Exit	% Share	Motive
ABY Concessions Peru S.A.	2018	100.00	Sale of the company
ABY Concessions Infraestructuras, S.L.U	2018	100.00	Sale of the company
ABY Infraestructuras, S.L	2018	100.00	Sale of the company
ABY Infraestructuras USA LLC	2018	100.00	Sale of the company
ABY Servicios Corporativos, S.L.	2018	100.00	Sale of the company
ABY South Africa (Pty) Ltd	2018	100.00	Sale of the company
ABY Transmisión Sur, S.A.	2018	100.00	Sale of the company
ACT Energy México, S. de R.L. de C.V.	2018	100.00	Sale of the company
ACT Holdings, S.A. de C.V.	2018	100.00	Sale of the company
Aguas de Skikda	2018	51.00	Sale of the company
Arizona Solar One, LLC	2018	100.00	Sale of the company
ASHUSA Inc	2018	100.00	Sale of the company
ASO Holdings Company, LLC	2018	100.00	Sale of the company
ASUSHI Inc	2018	100.00	Sale of the company
ATE VIII Transmissora de Energia S.A.	2018	50.00	Sale of the company
Atlantica Yield Plc.	2018	41.47	Sale of the company
ATN 2, S.A.	2018	100.00	Sale of the company
ATN S.A.	2018	100.00	Sale of the company
Cadonal, S.A.	2018	100.00	Sale of the company
Carpio Solar Inversiones, S.A.	2018	100.00	Sale of the company
Concecutex, S.A. de C.V.	2018	50.00	Sale of the company
Concesionaria Costa del Sol S.A.	2018	50.00	Lost Control
Ecija Solar Inversiones, S.A	2018	100.00	Sale of the company
Evacuación Villanueva del Rey, S.L.	2018	36.63	Sale of the company
Evacuación Valdecaballeros	2018	57.14	Sale of the company
Extremadura Equity Investments SárI.	2018	100.00	Sale of the company
Fotovoltaica Solar Sevilla, S.A.	2018	80.00	Sale of the company
Geida Skikda, S.L.	2018	67.00	Sale of the company
Geida Tlemcen, S.L.	2018	50.00	Sale of the company
Helioenergy Electricidad Uno, S.A.	2018	100.00	Sale of the company
Helioenergy Electricidad Dos, S.A.	2018	100.00	Sale of the company
Helios I Hyperion Energy Investments, S.L.	2018	100.00	Sale of the company
Helios II Hyperion Energy Investments, S.L.	2018	100.00	Sale of the company
Holding de Energia Eólica S.A.	2018	100.00	Sale of the company
Hypesol Energy Holding , S.L.	2018	100.00	Sale of the company
Kaxu Solar One (Pty) Ltd.	2018	51.00	Sale of the company
Logrosán Equity Investments SárI.	2018	100.00	Sale of the company
Logrosán Solar Inversiones, S.A.	2018	100.00	Sale of the company
Logrosán Solar Inversiones Dos, S.L.	2018	100.00	Sale of the company

Company Name	Year of Exit	% Share	Motive
Mojave Solar LLC	2018	100.00	Sale of the company
Mojave Solar Holding, LLC.	2018	100.00	Sale of the company
Myah Bahr Honaine, S.P.A.	2018	51.00	Sale of the company
Palmatir S.A.	2018	100.00	Sale of the company
Palmucho, S.A.	2018	100.00	Sale of the company
RRHH Servicios Corporativos, S. de R.L. de C.V.	2018	100.00	Sale of the company
Sanlucar Solar, S.A.	2018	100.00	Sale of the company
Servicios Culturales Mexiquenses, S.A. de C.V.	2018	50.00	Sale of the company
Solaben Electricidad Uno	2018	100.00	Sale of the company
Solaben Electricidad Dos	2018	70.00	Sale of the company
Solaben Electricidad Tres	2018	70.00	Sale of the company
Solaben Electricidad Seis	2018	100.00	Sale of the company
Solaben Luxembourg S.A	2018	100.00	Sale of the company
Solacor Electricidad Uno, S.A.	2018	87.00	Sale of the company
Solacor Electricidad Dos, S.A.	2018	87.00	Sale of the company
Solar Processes, S.A.	2018	100.00	Sale of the company
Solnova Electricidad, S.A.	2018	100.00	Sale of the company
Solnova Electricidad Tres, S.A.	2018	100.00	Sale of the company
Solnova Electricidad Cuatro, S.A.	2018	100.00	Sale of the company
Solnova Solar Inversiones, S.A	2018	100.00	Sale of the company
Transmisora Baquedano, S.A.	2018	100.00	Sale of the company
Transmisora Mejillones, S.A.	2018	100.00	Sale of the company
Abensa Energy and Water Contracting LLC	2017	49.00	Dissolution of the company
Abengoa Generación Chile, S.A.	2017	100.00	Sale of the company
Abengoa Projects Warehouse I, LLP	2017	45.00	Sale of the company
APW I Spain, S.L.	2017	100.00	Sale of the company
APW Brasil Fundo de Investimento Em Participacoes	2017	100.00	Dissolution of the company
APW I Brazil Holdings I, Llc	2017	100.00	Sale of the company
APW I Brazil Holdings II, Llc	2017	100.00	Sale of the company
APW I Brazil Holdings III, Llc	2017	100.00	Sale of the company
Concesionaria Hospital del Tajo, S.A.	2017	20.00	Sale of the company
Consorcio Teyma M y C, Ltda.	2017	49.90	Dissolution of the company
CSP Atacama Inversiones Uno, SpA	2017	100.00	Sale of the company
CSP Atacama Uno, S.A.	2017	100.00	Sale of the company
Explotadora Hospital del Tajo, S.L.	2017	20.00	Sale of the company
Green Visión Holding BV	2017	24.00	Sale of the company
PV Atacama Uno, S.A	2017	100.00	Sale of the company
TSMC Ingeniería y Construcción, Ltda.	2017	33.30	Dissolution of the company

% Share corresponds to the participation held by the direct parent company.

## Appendix VI.- Temporary Joint Vetures which during 2018 and 2017 were no longer included in the Consolidation Perimeter

Company Name	Year of Exit	% Share
Asimel	2018	25.00
Badaia	2018	30.00
Baja California	2018	100.00
Consorcio Abengoa Colombia	2018	100.00
CSP Atacama III	2018	100.00
Equipamiento Solar Caballería	2018	20.00
Giesa Inabensa	2018	50.00
Inst. Eléctricas Hospital Costa del Sol	2018	50.00
Parque aeronáutico	2018	40.00
S/E Blanes	2018	33.33
Silvacat	2018	35.50
Tablada	2018	50.00
UTE Abener Teyma Emirates I	2018	100.00
UTE Abener Teyma Upington	2018	100.00
UTE Abener Teyma Paulputs	2018	100.00
UTE Abener Teyma Paysandu	2018	100.00
UTE Abener Teyma Xina	2018	100.00
UTE Abener Teyma Atacama II	2018	100.00
UTE Abener Teyma Inabensa Atacama II PV	2018	100.00
UTE Fuente Alamo	2018	33.00
Ute Inst. Clima Hospital Costa del Sol	2018	50.00
UTE Lubet Cádiz	2018	75.00
Armillá	2017	50.00
CEI Huesca	2017	20.00
Electrificación Granollers	2017	20.00
Gallur Castejon	2017	33.33
Instalaciones Hospital VQ	2017	60.00
Mnto. Comunic. Metro L9	2017	20.00
Patrimonio	2017	35.00
Peaje Irun (Telvent Inabensa)	2017	20.00
Primapen III	2017	33.00
S/E Sant Adrià	2017	50.00
Semi-Inabensa	2017	50.00
Sigmacat	2017	33.00
Silvacat II	2017	35.30
Suburbano Mexico	2017	100.00
UTE Abener Teyma Helio Energy I	2017	100.00
UTE Abener Teyma Helio Energy II	2017	100.00

Company Name	Year of Exit	% Share
UTE Abener Teyma Helios II	2017	100.00
UTE Abener Teyma Solaben I	2017	100.00
UTE Abener Teyma Solaben II	2017	100.00
UTE Abener Teyma Solaben III	2017	100.00
UTE Abener Teyma Solaben VI	2017	100.00
UTE Abener Teyma Bélgica	2017	100.00
UTE Abensaih Mantenimiento	2017	50.00
UTE Aguas Salobres	2017	60.00
UTE Alcoy	2017	50.00
UTE Avinyó	2017	40.00
UTE Bâscara	2017	40.00
UTE Boaco	2017	73.83
UTE Canal Estremera	2017	50.00
UTE Cartuja	2017	30.00
UTE Depurbaix	2017	50.00
UTE Espluga	2017	40.00
UTE FontSanta	2017	40.00
UTE Itoiz II	2017	35.00
UTE Júcar Vinalopo	2017	33.34
UTE Kurkudi	2017	50.00
UTE La Codosera	2017	50.00
UTE Mant. Valdeinferno	2017	60.00
UTE Minicentrales	2017	100.00
UTE Moraira	2017	42.50
UTE Qingdao	2017	100.00
UTE Ranilla	2017	15.00
UTE Ribera	2017	50.00
UTE Rincón Vict	2017	50.00
UTE Sant Celoni	2017	50.00
UTE Sta. Amalia	2017	80.00
UTE Teatinos	2017	50.00
UTE Valdeinferno	2017	60.00
UTE Valdeleñisco	2017	80.00
UTE Vall Baixa	2017	50.00
UTE Vilagarcía	2017	50.00
Winterra.-Inaben. Atrque Puerto de Vigo	2017	20.00

## Appendix VII.- Projects subject to the application of IFRIC 12 interpretation on concessional services

Type of Agreement/Project	Activity	Country	Status (*)	% Share	Years of Agreement	Offtaker	Intangible asset (I) / Financial asset (F)	Arrangement Terms (price)	Description of the Arrangement	Assets / Investment	Depreciation / Impairment	Revenues ordinary operating activity	Operating Income
<b>Electricity Transmission:</b>													
ATE XVI Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	319,052	(113,652)	-	(4,257)
ATE XVII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	113,652	(202,556)	-	(4,269)
ATE XVIII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	46,260	(39,462)	-	(5,243)
ATE XIX Transmissora de Energia S.A. (Luiz Gonzaga)	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	54,932	(54,067)	-	(3,165)
ATE XX Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	34,068	(34,028)	-	(7,160)
ATE XXI Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2013-2043	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	101,565	(101,002)	-	(16,632)
ATE XXII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2014-2044	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	31,332	(31,332)	-	(5,385)
ATE XXIII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100	2014-2044	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	8,784	(8,784)	-	(1,507)
ATE XXIV Transmissora de Energia, S.A.	Transmission	Brazil	(C)	100	2014-2044	Agencia Nacional de Energia Eléctrica	(I)	Fixed price, annually indexed to the Harmonised Index of Consumer Prices and reviewed every 5 years by macroeconomic assumptions. Subject to the volume of demand.	30-year Concession with Aneel	3,731	(3,731)	-	(1,513)
ATN 1, S.A.	Transmission	Peru	(O)	100	2013-2043	Administradora Chungar	(F)	Paid in EPC and O&M service annually adjusted by the US Finished Goods Less Food and Energy Inflation Index	30-year Concession Agreement signed with the client	61	(25)	2,216	2,036
<b>Electricity Power Sale:</b>													
Solar Power Plant One	Solar	Algeria	(O)	51	2011-2035	Sonatrach	(I)	Fixed price per MWh, updated on a monthly basis by the dinar/euro exchange rate variation and inflation.	25-year service agreement for the purchase of electricity to Sonatrach.	238,495	(79,361)	36,101	29,566
Khi Solar One (Pty) Ltd.	Solar	South Africa	(O)	51	2014-2034	The Department of Energy of South Africa (Offtaker Eskom Holding Soc Limited)	(I)	Fixed Price in Rands/ kWh indexed to annual inflation	20-year Power Purchase Agreement with Eskom Holding Soc Limited	355,813	(355,813)	27,912	29,533
Xina Solar One (Pty) Ltd.	Solar	South Africa	(O)	40	2017-2037	The Department of Energy of South Africa (Offtaker Eskom Holding Soc Limited)	(I)	Fixed Price in Rands/ kWh indexed to annual inflation	20-year Power Purchase Agreement with Eskom Holding Soc Limited	87,787	-	-	-
Abent 3T, S.A.P.I. de C.V.	Generation	Mexico	(O)	100	2019-2038	Comisión Reguladora de Energia	(F)	Fee set in MXP (kWh) adjusted by gas prices and inflation	Right to sale clean energy under a legacy scheme.	965,543	(441,907)	-	33,848
<b>Infrastructure Maintenance:</b>													
Inapreu, S.A.	Construction	Spain	(O)	50	2008-2022	Generalitat de Catalunya	(F)	Fixed price with annual adjustment of 2,5%	Concession agreement signed until 2024 with the public entity	850	-	-	-
Concesionaria del Acueducto el Zapotillo, S.A. de C.V.	Construction	Mexico	(C)	100	2013-2038	Gobierno de México (Comisión Nacional del Agua)	(F)	CPS with fixed price updated by inflation and a variable rate to recover operation variable costs	30-year Concession with Conagua	199,525	(199,525)	-	(6,978)
Unidad Punta de Rieles, S.A.	Construction	Uruguay	(O)	100	2015-2043	Ministerio del Interior de Uruguay	(F)	Fixed price indexed to availability and variable price for complementary services	27,5-year Concession with Ministerio del Interior de Uruguay	101,356	-	21,813	20,912



## A Appendix VII.- Projects subject to the application of IFRIC 12 interpretation on concessional services (continuation)

Type of Agreement/Project	Activity	Country	Status (*)	% Share	Years of Agreement	Offtaker	Intangible asset (I) / Financial asset (F)	Arrangement Terms (price)	Description of the Arrangement	Assets / Investment	Depreciation / Impairment	Revenues ordinary operating activity	Operating Income
Aman El Baraka S.A.	Irrigation system	Morocco	(C)	100	2017-2048	Ministerio de Agricultura y Pesca de Marruecos MAMP (concession of production of desalinated water for irrigation water) y L'Office Regional de Mise en Valeur Agricole du Sous-Massun (delegated management for irrigation)	(F)	Fixed fee per supplied m3. It has two components "La Contribution au Fonds de Travaux et de Contrôle" and the Abengoa Fee, both indexed.	30 years from the work start date. The duration is divided in two periods: (a) from the commencement of the work until the irrigation system is commissioned, and (b) an operation period of 27 years and 4 months, from the start-up of the irrigation system.	2	-	-	(19)
Zona Norte Engenharia, Manutenção e Gestão De Serviços, S.A. Spe.	Services	Brazil	(O)	60	2013-2033	Susam	(I) / (F)	Fixed price, annually indexed by IPCA, IGPM e IAC	20 years of concession with Susam - public entity.	146,447	(42,234)	28,518	12,994
<b>Desalinated Water Sale:</b>													
Chennai Water Desalination Limited	Desalination	India	(O)	25	2010-2034	Chennai Metropolitan Water Supply & Sewerage Board	(I)	Fixed price per m3 available of the plant and fixed price per m3 produced, both indexed	25-year Concession Agreement from Commercial Operation Date	7,500	-	-	-
Société d'Eau Dégazée d'Agadir (SEDA)	Desalination	Morocco	(C)	51	2017-2048	Office National de l'Eau Potable et de l'Electricité	(F)	Fixed price per m3 available of the plant and fixed price per m3 produced, both indexed	30 years; 32 months for construction and 27 years and 4 months of operation from Commercial Operation Date with ONEE state-owned company	73,251	-	2,873	3,095
Tenes Lylmyah	Desalination	Algeria	(O)	51	2015-2039	Algerian Energy Company SPA y Algerienne Des Eaux	(F)	Fixed price per m3 available of the plant and fixed price per m3 produced, both indexed.	25-year Concession Agreement from Commercial Operation Date with state-owned companies	185,743	(50,924)	39,315	13,820
Desalination Developments Ghana	Desalination	Ghana	(O)	56	2015-2030	Ghana Water Company Limited	(F)	Fixed price per m3 available of the plant and fixed price per m3 produced, both indexed.	25-year Concession Agreement from Commercial Operation Date with state-owned companies	108,510	(22,463)	15,788	1,227

(\*) Operation (O); Construction (C)

## Appendix VIII.- Companies not connected with the Group but which hold shares equal to or above 10% of the capital of a subsidiary included in the Consolidation Perimeter

Company Shareholding	Partner	% Share
Abeima Teyma Barka LLC.	Sultan Said Abdullah Al Kindi	30.00
Befesa Desalination Developments Ghana Limited	Daye Water Investment Ghana Bv.	44.00
Construtora Integração, Ltda.	Centrais Elétricas Norte Brasil S.A/Eletrosul Centrais Elétricas S.A	49.00
Copero Solar Huerta Uno, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Dos, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Tres, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Cuatro, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Cinco, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Seis, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Siete, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Ocho, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Nueve, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Copero Solar Huerta Diez, S.A.	Empresa Metropolitana de Abastecimiento y Saneamiento de Aguas de Sevilla	50.00
Dalian Xizhong Island Desalination Co., Ltd	Hitachi Plant Technologies/Dalian Changxong Island Administration	30.00
Inabensa, LLC	Sultan Said Abdullah Al Kindi	30.00
Iniciativas Hidroeléctricas, S.A.	Suma de Energias/LPV	50.00
Kaxu CSP South Africa (Pty) Limited	Industrial Development Corporation (IDC)	49.00
Khi CSP South Africa (Pty) Limited	Industrial Development Corporation (IDC)	49.00
Khi Solar One (Pty) Ltd.	Industrial Development Corporation (IDC)	49.00
Manaus Constructora, Ltda.	Centrais Elétricas Norte Brasil S.A/Chesf	49.50
Procesos Ecológicos, S.A.	Global Plasma Environment	50.00
Sistemas de Desarrollo Sustentables S.A. De C.V.	Cofides	35.00
Société d'Eau Déssalée d'Agadir (SEDA)	InfraMaroc, S.A.	49.06
Solar Power Plant One	New Energy Algeria (NEAL)/SVH (Sonatrach)/Cofides	49.00
Tenes Lymyah	Algerian Energy Company (AEC)	49.00
Transportadora Mar del Plata S.A.	Tel 3 S.A.	30.00
Transportadora El Rodeo S.A.	Kioshi S.A	15.00
Unidad Punta de Rieles, S.A.	Goddard Catering Group Uruguay S.A.	15.00
Zona Norte Engenharia, Manutenção e Gestão De Serviços, S.A. Spe.	Sh Engenharia/Magi Clean	40.00

## Appendix IX.- Companies with projects financed through Project debt in 2018

Project	Activity	Country	Status (*)	% Abengoa
<b>Concession-type Infrastructure</b>				
Abengoa Transmisión Norte S.A., 1	Transmission	Perú	(O)	100.00
Abengoa Transmisión Norte S.A., 3	Transmission	Perú	(C)	100.00
Aman El Baraka S.A.	Irrigation system	Morocco	(C)	100.00
ATE XIX Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XVI Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XVII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XVIII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XX Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XXI Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XXII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XXIII Transmissora de Energia S.A.	Transmission	Brazil	(C)	100.00
ATE XXIV Transmissora de Energia, S.A.	Transmission	Brazil	(C)	100.00
Befesa Desalination Developments Ghana Limited	Desalination	Ghana	(O)	56.00
Concesionaria del Acueducto el Zapotillo, S.A. de C.V.	Infrastructure	Mexico	(C)	100.00
Iniciativas Hidroeléctricas, S.A.	Hydropower generation	Spain	(O)	51.00
Khi Solar One (Pty) Ltd	Solar	South Africa	(O)	51.00
Société d'Eau Dèssalée d'Agadir	Desalination	Morocco	(C)	50.94
Solar Power Plant One	Solar	Algeria	(O)	51.00
Tenes Lylmyah	Desalination	Algeria	(O)	51.00
Teyma Forestal, S.A.	Infrastructure	Uruguay	(O)	100.00
Unidad Punta de Rieles, S.A.	Infrastructure	Uruguay	(O)	85.00
Zona Norte Engenharia, Manutenção e Gestão De Serviços, S.A. Spe.	Infrastructure	Brazil	(O)	60.00
<b>Industrial Production</b>				
Abengoa Bioenergia Agroindustria Ltda	Ethanol	Brazil	(O)	100.00

(\*) Operation (O), Construction (C)

## Appendix X.- Companies with Electricity Operations included in the 2018 Consolidation Perimeter

Company Name	Registered Address	Activity	Comments
Abengoa Bioenergía Agroindustria, Ltda.	Sao Paulo (BR)	3	In operation
Abent 3T, S.A.P.I. de C.V.	Mexico D.F. (MX)	3	In operation
ACC 4T, S.A.P.I. de C.V.	Mexico D.F. (MX)	3	Construction phase
ATE XIX Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVI Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVIII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XX Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXI Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXIII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXIV Transmissora de Energia, S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVII Transmissora de Energia, S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	9	Construction phase
ATN 1, S.A.	Lima (PE)	9	In operation
ATN 3, S.A.	Lima (PE)	9	Construction phase
Inabensa Fotovoltaica, S.L.	Seville (ES)	5	In operation
Iniciativas Hidroeléctricas, S.A.	Seville (ES)	7	In operation
Instalaciones Fotovoltaicas Torrecuéllar, 1 S.L.	Seville (ES)	5	In operation
Instalaciones Fotovoltaicas Torrecuéllar, 2 S.L.	Seville (ES)	5	In operation
Instalaciones Fotovoltaicas Torrecuéllar, 3 S.L.	Seville (ES)	5	In operation
Khi Solar One (Pty) Ltd.	Gauteng (ZA)	6	In operation
Linares Fotovoltaica, S.L.	Seville (ES)	5	In operation
Solar Power Plant One	Argel (DZ)	6	In operation
Xina Solar One (Rf) (Pty), Ltd.	Gauteng (ZA)	6	In operation

- (1) Production under Special Regime: Cogeneration. Primary energy type: Fuel.  
(2) Production under Special Regime: Wind. Primary energy type: Wind.  
(3) Includes production under Special Regime: Cogeneration. Primary energy type: Natural gas.  
(4) Production under Special Regime: Cogeneration. Primary energy type: Natural gas.  
(5) Production under Special Regime: Solar Photovoltaic. Primary energy type: Solar light.  
(6) Production under Special Regime: Solar. Primary energy type: Solar light.  
(7) Production under Special Regime: Hydraulic. Primary energy type: Water.  
(8) Production under Special Regime: Other. Primary energy type: Industrial waste (used oils).  
(9) Transport.  
(10) Electricity production: Based on hydrogen. Primary type of energy: Hydrogen.

## Appendix XI.- Companies taxed under the Special Regime for Company Groups at 12.31.18

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Abengoa S.A.	Seville (ES)	Parent Company
A3T Holdco España, S.A	Seville (ES)	Abener Energía, S.A.U./ Negocios Industriales y Comerciales, S.A./Abenewco 1, S.A.U./ Abengoa Greenbridge S.A.
Abeinsa Asset Management, S.L.	Seville (ES)	Abener Energía, S.A.U./Negocios Industriales y Comerciales, S.A.
Abeinsa Business Development, S.A.	Seville (ES)	Abener Energía, S.A.U./ Negocios Industriales y Comerciales, S.A.
Abeinsa Engineering S.L.	Seville (ES)	Abener Energía, S.A.U.
Abeinsa EPC, S.A.	Seville (ES)	Abener Energía, S.A.U.
Abeinsa Infraestructuras Medio Ambiente, S.A	Seville (ES)	Abeinsa Business Development, S.A./ Negocios Industriales y Comerciales, S.A./ Abengoa Abenewco 1, S.A.U.
Abeinsa, Ingeniería y Construcción Industrial, S.A.	Seville (ES)	Abener Energía, S.A.U.
Abeinsa Inversiones Latam, S.L.	Seville (ES)	Asa Iberoamérica, S.L./Abener Energía, S.A.U.
Abeinsa Operation and Maintenance, S.A.	Seville (ES)	Abengoa Abenewco 1, S.A.U.
Abener Argelia, S.L.	Seville (ES)	Abener Energía, S.A.U.
Abener Energía, S.A.	Seville (ES)	Abengoa Abenewco 1, S.A.U.
Abengoa Abenewco 1, S.A.U.	Seville (ES)	Abengoa Abenewco 2, S.A.U.
Abengoa Abenewco 2, S.A.U.	Seville (ES)	Abengoa S.A.
Abengoa Abenewco 2 Bis, S.A.U.	Seville (ES)	Abengoa Abenewco 2 S.A.U.
Abengoa Bioenergía Inversiones, S.A.	Seville (ES)	Abengoa Bioenergía, S.A./Abengoa Bioenergía Nuevas Tecnologías, S.A.
Abengoa Bioenergía Nuevas Tecnologías, S.A.	Seville (ES)	Abengoa Bioenergía, S.L./Instalaciones Inabensa, S.A.U.
Abengoa Bioenergía, S.A.	Seville (ES)	Abenewco 1, S.A.U./Sociedad Inversora Energía y Medio Ambiente, S.A.
Abengoa Concessions, S.L.	Seville (ES)	Abenewco 1, S.A.U./Sociedad Inversora en Energía y Medioambiente, S.A.
Abengoa Energía S.A.U.	Seville (ES)	Abengoa Abenewco 1, S.A.U.
Abengoa Energía Atacama CSP, S.L.U.	Seville (ES)	Abengoa Energía S.A.U.
Abengoa Energy Crops, S.A.	Seville (ES)	Abenewco 1, S.A.U./ Sociedad Inversora en Energía y Medioambiente, S.A.
Abengoa Finance, S.A.	Seville (ES)	Abenewco 1, S.A.U.
Abengoa Greenbridge, S.A.U.	Seville (ES)	Abenewco 1, S.A.U.
Abengoa Greenfield S.A.U.	Seville (ES)	Abenewco 1, S.A.U.
Abengoa Hidrógeno, S.A.	Seville (ES)	Abener Energía, S.A.U./ Instalaciones Inabensa, S.A.U.
Abengoa OM Atacama CSP	Seville (ES)	Abengoa Operation and Maintenance S.A.U.
Abengoa PW I Investments, S.L.	Seville (ES)	Abener Energía, S.A.U.
Abengoa PW II Investments, S.L	Seville (ES)	Abener Energía, S.A.U.
Abengoa SeaPower, S.A.	Seville (ES)	Abener Energía, S.A.U./Instalaciones Inabensa, S.A.U.
Abengoa Solar España, S.A.U.	Seville (ES)	Abengoa Operation and Maintenance, S.A.U.
Abengoa Solar Extremadura, S.A.	Cáceres (ES)	Abengoa Solar España, S.A.U./Abengoa Solar New Technologies, S.A.
Abengoa Solar Internacional, S.A.	Seville (ES)	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.
Abengoa Solar Middle East Holding, S.L	Seville (ES)	Abengoa Solar Internacional, S.A / Abengoa Solar España, S.A.U.
Abengoa Solar New Technologies, S.A.	Seville (ES)	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.
Abengoa Solar, S.A.	Seville (ES)	Abener Energía, S.A.U.
Abengoa Solar Ventures S.A	Seville (ES)	Abener Energía, S.A.U./ Abengoa Solar España, S.A.U.
Abengoa Water Agadir, S.L.U.	Seville (ES)	Abengoa Agua, S.A.
Abengoa Water, S.L.	Seville (ES)	Abengoa Agua, S.A.
Abengoa Water Dalian, S.L.U.	Seville (ES)	Abengoa Agua, S.A.

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Abengoa Water Internacional, S.L.U.	Seville (ES)	Abengoa Agua, S.A./ Abengoa Operation and Maintenance, S.A.U.
Abengoa Water Nungua, S.L.U.	Seville (ES)	Abengoa Agua, S.A.
Abengoa Water Taiwan, S.L.U.	Seville (ES)	Abengoa Agua, S.A.
Abentel Telecomunicaciones, S.A.	Seville (ES)	Abener Energía, S.A.U.
Aprovechamientos Energéticos Furesa, S.A.	Murcia (ES)	Abeinsa Asset Management, S.L.
Asa Desulfuración, S.A.	Seville (ES)	Siema Investment, S.L.U./ Sociedad Inversora en Energía y Medio Ambiente SA
Asa Iberoamérica, S.L.	Seville (ES)	Soc. Inv. Energía y Medio Ambiente, S.A./Abener Energía, S.A.U.
Befesa Agua Djerba, S.L.	Seville (ES)	Abengoa Agua, S.A.
Befesa Agua Tenes S.L.	Seville (ES)	Abengoa Agua, S.A.
Befesa CTA Qingdao, S.L.U	Madrid (ES)	Abengoa Agua, S.A.
Casaquemada Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.
Centro Tecnológico Palmas Altas, S.A.	Seville (ES)	Abengoa, S.A./Abener Energía, S.A.U.
Construcciones y Depuraciones, S.A.	Seville (ES)	Abengoa Agua, S.A.
Covisa, Cogeneración Villaricos, S.A.	Seville (ES)	Abeinsa Asset Management, S.L.
Europea de Construcciones Metálicas, S.A.	Seville (ES)	Abener Energía, S.A.U.
Gestión Integral de Recursos Humanos, S.A.	Seville (ES)	Siema Technologies, S.L./Sociedad Inversora en Energía y Medio Ambiente SA
Inabensa Fotovoltaica, S.L.	Seville (ES)	Instalaciones Inabensa, S.A.U./Abener Energía, S.A.U.
Instalaciones Fotovoltaicas Torrecuellar, 1 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.
Instalaciones Fotovoltaicas Torrecuellar, 2 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.
Instalaciones Fotovoltaicas Torrecuellar, 3 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.U.
Instalaciones Inabensa, S.A.U.	Seville (ES)	Abengoa Abenewco 1, S.A.U.
Las Cabezas Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.
Linares Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A.U./Abener Energía, S.A.U.
NEA Solar O&M, S.A.	Seville (ES)	Abener Energía, S.A.U./Abengoa Solar España, S.A.U.
NEA Solar Power, S.A.	Seville (ES)	Abengoa Solar, S.A./Abengoa Solar España, S.A.U.
Nicsa, Negocios Industr. y Comer. S.A.	Madrid (ES)	Abencor /Abener Energía, S.A.U.
Omega Sudamérica, S.L	Seville (ES)	Instalaciones Inabensa, S.A.U./ASA Iberoamérica S.A.
Puerto Real Cogeneración, S.A.	Seville (ES)	Abeinsa Asset Management, S.L.
Siema Investment, S.L.U.	Madrid (ES)	Siema Technologies, S.L.
Siema Technologies, S.L.	Madrid (ES)	Abenewco 1, S.A.U./Sociedad Inversora en Energía y Medio Ambiente SA
Sociedad Inversora en Energía y Medioambiente, S.A.	Seville (ES)	Abenewco 1, S.A.U./Negocios Industriales y Comerciales, S.A.
Sociedad Inversora Lineas de Brasil, S.L.	Seville (ES)	Asa Iberoamérica
Solargate Electricidad Tres, S.A.	Seville (ES)	Abengoa Solar España, S.A.U./Abengoa Solar NT, S.A.
Solargate Electricidad Cuatro, S.A.	Seville (ES)	Abengoa Solar España, S.A.U./Abengoa Solar NT, S.A.
South Africa Solar Investments, S.L.	Seville (ES)	Abengoa Solar Internacional, S.A./ Abener Energía, S.A.U.
South Africa Solar Ventures, S.L.	Seville (ES)	Abengoa Solar Internacional, S.A./Abener Energía, S.A.U.
Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.	Seville (ES)	Abener Energía, S.A.U.
Zero Emissions Technologies, S.A.	Seville (ES)	Abener Energía, S.A.U./Abengoa Innovación S.A.
Zeroemissions Carbon Trust, S.A	Seville (ES)	Zeroemissions Technologies, S.A./Abener Energía, S.A.U.

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
A3T Holdco España, S.A	Seville (ES)	544,396	100	Abengoa Greenbridge, S.A.U./Abengoa Abenewco 1, S.A./Abener Energía, S.A./Negocios Industriales y Comerciales, S.A. (Nicsa)	-	(1)	B
A3T LuxCo 1 S.A	Luxemburg	259,030	100	A3T LuxCo 2 S.A	(*)	-	-
A3T LuxCo 2 SARL	Luxemburg	258,876	100	A3T Holdco España, S.A./ Abener Energía	-	(1)	-
AB Bioenergy Hannover, GmbH	Hannover (DE)	98	100	Abengoa Bioenergía, S.A.	-	(6)	-
Abacus Project Management of Arizona, LLC.	Arizona (US)	1	100	Teyma Construction USA, LLC.	-	(1)	-
Abacus Project Management, Inc.	Arizona (US)	3,871	100	Teyma Construction USA, LLC	-	(1)	-
Abeanza Brasil, S.A.	Rio de Janeiro (BR)	-	100	Abensa Inversiones Latam, S.L./Sociedad Inversora Lineas de Brasil, S.L. (ETIVE)	-	(1)	-
Abeima India, Pvt. Ltd.	Chennai (IN)	7,654	100	Abensa Infraestructuras Medio Ambiente, S.A.	-	(1)	C
Abeima Teyma Barka LLC.	Ruwi (OM)	12,785	70	Abensa Infraestructuras Medio Ambiente, S.A./Teyma Gest. Ctos. de Const. e Ing., S.A.	-	(1)	B
Abeima Teyma Infrastructure Ghana Limited	Accra (GH)	6,421	100	Abensa Infraestructuras Medio Ambiente, S.A./Teyma Gest. Ctos. de Const. e Ing., S.A.	-	(1)	-
Abeima Teyma Zapotillo SRL de CV	Mexico D.F. (MX)	209,905	100	Abensa Infraestructuras Medio Ambiente, S.A./Teyma Gest. Ctos. de Const. e Ing., S.A.	-	(1)	C
Abeima USA, LLC.	Delaware (US)	1	100	Abensa Business Development, LLC	-	(1)	-
Abensa Abeima Teyma General Partnership	Arizona (US)	4	100	Abeima USA, LLC./ Teyma Construction USA, LLC./ Abensa EPC, LLC.	-	(1)	-
Abensa Abener Teyma General Partnership	Arizona (US)	4	100	Teyma Construction USA LLC./Abener Eng. Const. Serv., LLC/Abensa EPC Inc.	-	(1)	-
Abensa Abener Teyma Reno General Partnership	Phoenix (USA)	-	100	Abensa EPC LLC/ Abener Construction Services LLC / Teyma Construction USA, LLC	-	(1)	-
Abensa Asset Management, S.L.	Seville (ES)	24,421	100	Abener Energía, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abensa BD Asia Pacific Pte. Ltd.	Singapur (SG)	66	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development (Pty) Ltd.	Johannesburgo (ZA)	0	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development GmbH	Berlin (DE)	25	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development Private Limited	Mumbai (IN)	3,629	100	Abensa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	B
Abensa Business Development S.A.C.	Lima (PE)	-	100	Abensa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abensa Business Development S.a.R.L./ A.U	Casablanca (MA)	-	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development, LLC	Missouri (US)	256,863	100	Abensa, LLC.	-	(1)	-
Abensa Business Development, Ltd.	Seoul (KR)	70	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development, S.A.	Seville (ES)	608,633	100	Abensa Ingeniería y Construcción Industrial, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	B
Abensa Business Development, Sp.z o.o	Gliwice (PL)	1	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Business Development México, S.A. de C.V.	Mexico D.F. (MX)	3	100	Abensa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Abensa Engineering Private Limited	Mumbai (IN)	270	100	Abensa Engineering, S.L./ Abener Energía, S.A.	-	(1)	-
Abensa Engineering, Inc.	Arizona (US)	37	100	Abensa Engineering, S.L.	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abensa Engineering, S.A. de CV.	Mexico D.F. (MX)	875	100	Abensa Engineering, S.L./Abener Energía, S.A.	-	(1)	B
Abensa Engineering, S.L.	Seville (ES)	31,900	100	Abener Energía, S.A.	-	(1)	B
Abensa EPC Kaxu Pty Ltd.	Johannesburgo (ZA)	61,689	92	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.	-	(1)	B
Abensa EPC Khi Pty Ltd.	Johannesburgo (ZA)	71,662	92	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.	-	(1)	B
Abensa EPC México, S.A de C.V	Mexico D.F. (MX)	8,060	100	Abensa Ingeniería y Construcción Industrial S.A./ ASA Iberoamérica, S.L.	-	(1)	-
Abensa EPC South Africa (Pty) Ltd	Cape Town (ZA)	-	100	Abensa, Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Abensa EPC Xina (Pty) Ltd.	Cape Town (ZA)	-	92	Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A./Abener Energía, S.A.	-	(1)	-
Abensa EPC, LLC.	Arizona (US)	53,896	100	Abensa, LLC.	-	(1)	-
Abensa EPC, S.A.	Seville (ES)	799	100	Abensa Ingeniería y Construcción Industrial S.A./Teyma Gest. Ctos. de Const. e Ing., S.A.	-	(1)	B
Abensa Holding, Inc.	Delaware (US)	1,990	100	Abengoa US Holding, LLC.	-	(1)	-
Abensa Infraestructuras Medio Ambiente, S.A.	Seville (ES)	355,193	100	Abengoa Abenewco 1, S.A./Abensa Business Development, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	B
Abensa Inversiones Latam, S.L.	Seville (ES)	520,702	100	Asa Iberoamérica, S.L./Abensa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Abensa Is Gelistirme Limited Sirketi	Ankara (TR)	5	100	Abensa Business Development, S.A.	-	(1)	-
Abensa Monterrey VI, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abengoa México, S.A. de CV/ Abener Energía, S.A.	-	(1)	-
Abensa Norte III, S.A. de C.V.	Mexico D.F. (MX)	3	100	Abensa, Ingeniería y Construcción Industrial, S.A./Abener México, S.A. de C.V.	-	(1)	-
Abensa Operation and Maintenance, S.A.	Seville (ES)	2,938	100	Abensa Ing. y Const. Industrial, S.A./Negocios Industriales y de Construcción, S.A.	-	(1)	C
Abensa, Ingeniería y Construcción Industrial, S.A.	Seville (ES)	592,802	100	Abengoa Abenewco 1, S.A./Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	-	(1)	B
Abensa, LLC.	Delaware (US)	83,716	100	Abengoa North America, LLC	-	(1)	-
Abelec, S.A.	Santiago de Chile (CL)	2	99.99	Abengoa Chile, S.A./Abengoa Abenewco 1, S.A.	-	(2)	-
Abencor Brasil Ltda.	R. de Janeiro (BR)	-	100	Abencor Suministros, S.A./Abengoa Construção Brasil Ltda.	-	(1)	-
Abencor Colombia S.A.S.	Bogotá (CO)	8	100	Abencor Suministros S.A.	-	(1)	-
Abencor México, S.A. de C.V	Mexico D.F. (MX)	3	100	Abencor Suministros, S.A./Abengoa México, S.A. de C.V.	-	(1)	-
Abencor Perú	Lima (PE)	176	99.98	Abencor Suministros S.A.	-	(1)	-
Abencor South Africa Pty Ltd	Upington (ZA)	-	100	Abencor Suministros, S.A.	-	(1)	-
Abencor Suministros Chile, S.A.	Santiago de Chile (CL)	1	100	Abencor Suministros, S.A./ Abengoa Chile S.A.	-	(1)	-
Abencor Suministros S.A.	Seville (ES)	3,155	100	Negocios Industriales y Comerciales, S.A./Abensa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Abener Argelia	Seville (ES)	4	100	Abener Energía, S.A./Abensa Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Abener Construction Services, LLC.	Missouri (US)	218,934	100	Abensa Business Development, LLC	-	(1)	-

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abener Energía, S.A.	Seville (ES)	756,702	100	Abeinsa, Ing. y Const., S.A./Abeinsa Business Development, S.A./Negocios Ind. y Com., S.A.	-	(1)	B
Abener Energie S.A.R.L.	Ain beni (Morocco)	3	100	Abener Energía, S.A.	-	(1)	-
Abener México, S.A. De C.V.	Mexico D.F. (MX)	3	100	Abengoa México, S.A. de C.V./Abeinsa Business Development México, S.A. de C.V.	-	(1)	-
Abener North America Construction Services, Inc.	Delaware (US)	913	100	Abener Engineering & Construction Services, LLC	-	(1)	-
Abener North America Construction, L.P.	Missouri (US)	92,018	100	Abener Construction Service, LLC /Abener North America Construction Services, Inc.	-	(1)	-
Abener Teyma Hugoton General Partnership	Missouri (US)	8	100	Teyma Construction USA LLC/Abener Construction Services, LLC	-	(1)	-
Abener Teyma Mojave General Partnership	Missouri (US)	177,590	100	Teyma Construction USA, LLC/Abener North America Construction Services, L.P.	-	(1)	-
Abener, Abeinsa, for Construction, Water and Energy Company Limited	Riyadh (SA)	524	100	Abener Energía, S.A./ Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(1)	C
Abengoa Abenewco 1, S.A.	Seville (España)	2,553,490	100	Abengoa Abenewco 2, S.A.	-	(1)	B
Abengoa Abenewco 2, S.A.	Seville (España)	1,290,843	100	Abengoa S.A.	-	(1)	B
Abengoa África Investments LLC	England	14	100	South Africa Solar Ventures, S. L.	-	(1)	C
Abengoa Bioenergía Agroindustria Ltda	Sao Paulo (BR)	504,908	100	Abengoa Bioenergía Brasil, S.A./Abengoa Bioenergía Santa Fe, Ltda.	-	(6)	-
Abengoa Bioenergía Brasil, S.A.	Sao Paulo (BR)	1,005,278	100	Asa Bioenergy Holding AG/Abengoa Bioenergía, S.A.	-	(6)	-
Abengoa Bioenergía Inovações Ltda.	Sao Paulo (BR)	322,676	100	ASA Bioenergy Holding, AG/ Abengoa Bioenergía Santa Fe, Ltda.	-	(6)	-
Abengoa Bioenergía Inversiones, S.A.	Seville (ES)	1,049,574	100	Abengoa Bioenergía, S.A./Abengoa Bioenergía Nuevas Tecnologías, S.A.	-	(6)	B
Abengoa Bioenergía Nuevas Tecnologías, S.A.	Seville (ES)	91,568	100	Abengoa Bioenergía, S.L./Instalaciones Inabensa, S.A.	-	(6)	B
Abengoa Bioenergía Santa Fe, Ltda.	Sao Paulo (BR)	301	100	Abengoa Bioenergía Brasil, S.A./Abengoa Bioenergía Trading Brasil Ltda.	-	(6)	-
Abengoa Bioenergía Trading Brasil Ltda	Sao Paulo (BR)	-	100	Abengoa Bioenergía Brasil, S.A./Abengoa Bioenergía Agroindustria, Ltda.	-	(6)	-
Abengoa Bioenergía, S.A.	Seville (ES)	206,797	100	Abengoa Abenewco 1, S.A./Sociedad Inversora Energía y Medio Ambiente, S.A.	-	(6)	B
Abengoa Bioenergy Biomass of Kansas, LLC.	Kansas (US)	566,434	100	Abengoa Bioenergy Hybrid of Kansas, LLC.	-	(6)	-
Abengoa Bioenergy Germany, GmbH	Rostock (DE)	11,859	100	Abengoa Bioenergía Inversiones, S.A.	-	(6)	-
Abengoa Bioenergy New Technologies, LLC.	Missouri (US)	758	100	Abengoa Bioenergy Technology Holding, LLC.	-	(6)	-
Abengoa Bioenergy UK Limited	Cardiff (UK)	14,503	100	Abengoa Bioenergía Inversiones, S.A.	-	(6)	-
Abengoa Brasil Logística Ltda.	Rio de Janeiro (BR)	25,416	100	Abengoa Construção Brasil, Ltda./ Inabensa Rio Ltda	-	(1)	-
Abengoa Chile, S.A.	Santiago de Chile (CL)	21,980	100	Abeinsa Inversiones Latam, S.L./Teyma Abengoa, S.A.	-	(1)	B
Abengoa Cogeneração de Energia II, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(2)	-
Abengoa Cogeneração de Energia, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(2)	-
Abengoa Colombia, S.A.S.	Bogotá (CO)	1,931	100	Abengoa Perú, S.A./Abener Energía, S.A./Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(1)	-
Abengoa Concessions Investments Ltd.	Leeds (GB)	646,669	100	Abengoa Concessions, S.L./ Abengoa Solar, S.A.	-	(1)	B

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa Concessions Investments, S.à.r.l.	Luxemburg (LU)	13	100	Abengoa Concessions, S.L.	-	(1)	-
Abengoa Concessions, S.L.	Seville (ES)	3	100	Abengoa Abenewco 1, S.A./Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	-	(1)	-
Abengoa Concessões Brasil Holding, S.A.	Rio de Janeiro (BR)	703,255	100	Abengoa Construção Brasil, Ltda./ Sociedad Inversora de Lineas de Brasil, S.L./ Abengoa Yield Plc.	-	(2)	C
Abengoa Construção Brasil, Ltda.	Rio de Janeiro (BR)	426,583	100	Abeanza Brasil, S.A./Sociedad Inversora de Lineas de Brasil, S.L.	-	(1)	C
Abengoa Desalination Pilot Plants, Ltd.	Masdar (AE)	30	100	Abengoa Water, S.L.	-	(1)	-
Abengoa ECA Finance LLP	Leeds (GB)	-	100	Abenewco 1, S.A.U./Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	-	(1)	-
Abengoa Energía Atacama CSP, S.L.U.	Seville (ES)	3	100	Abengoa Energía S.A.	(*)	-	-
Abengoa Energy Crops Australia Pty Ltd	Perth (AU)	-	100	Abengoa Energy Crops, S.A	-	(1)	-
Abengoa Energy Crops Biomass USA, LLC	Florida (US)	214	100	Abengoa Energy Crops USA, LLC	-	(1)	-
Abengoa Energy Crops Biomassa, S.A.	Rio de Janeiro (BR)	-	99.80	Abengoa Energy Crops, S.A.	-	(1)	-
Abengoa Energy Crops Pellet 1 USA, LLC	Florida (US)	8	100	Abengoa Energy Crops Biomass USA, LLC	-	(1)	-
Abengoa Energy Crops USA, LLC	Florida (US)	213	100	Abengoa Energy Crops, S.A.	-	(1)	-
Abengoa Energy Crops, S.A.	Seville (ES)	64	100	Abengoa Abenewco 1, S.A./ Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	-	(1)	-
Abengoa Energy Trading Chile SpA	Santiago de Chile (CL)	14	100	Abengoa Chile, S.A.	-	(1)	-
Abengoa Finance, S.A.	Seville (ES)	60	100	Abengoa Abenewco 1, S.A.	-	(1)	-
Abengoa Greenbridge, S.A.U.	Seville (ES)	311,599	100	Abengoa Abenewco 1, S.A.	-	(1)	-
Abengoa Greenfield Brasil Holding, S.A.	Rio de Janeiro (BR)	883,137	100	Abengoa Construção Ltda. / Sociedad Inversora Lineas de Brasil, S.L	-	(1)	-
Abengoa Greenfield Perú, S.A.	Lima (PE)	-	99.80	Abengoa Perú, S.A.	-	(1)	-
Abengoa Greenfield S.A.U.	Seville (ES)	60	100	Abengoa Abenewco 1, S.A.	-	(1)	-
Abengoa Infraestructura, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil Ltda.	-	(1)	-
Abengoa Innovación S.A	Seville (ES)	43,746	100	Abeinsa Ingeniería y Construcción Industrial, S.A./ Instalaciones Inabensa, S.A.	-	(1)	B
Abengoa México O&M, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abeinsa Operation and Maintenance, S.A./ Abengoa México, S.A. de CV	-	(1)	C
Abengoa México, S.A. de CV	Mexico D.F. (MX)	221,890	100	Abeinsa Inversiones Latam, S.L./Asa Iberoamérica, S.L.	-	(1)	B
Abengoa Perú, S.A.	Lima (PE)	113,729	99.99	Abeinsa Inversiones Latam, S.L.	-	(1)	B
Abengoa Puerto Rico, S.E.	San Juan (PR)	52,692	100	Siema Investment, S.L./Abencor Suministros, S.A.	-	(1)	-
Abengoa PW I Investments, S.L.	Seville (ES)	3	100	Abeinsa, Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Abengoa PW II Investments, S.L.	Seville (ES)	3	100	Abeinsa, Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Abengoa Research, S.L.	Seville (ES)	4,796	100	Abengoa Abenewco 1, S.A./Instalaciones Inabensa, S.A.	-	(1)	C
Abengoa SeaPower, S.A.	Seville (ES)	60	100	Abeinsa Ingeniería y Construcción Industrial, S.A./Instalaciones Inabensa, S.A.	-	(1)	-
Abengoa Servicios Industriales, S.A. de C.V.	Mexico D.F. (MX)	2,017	100	Abengoa México, S.A. de C.V./Asa Iberoamérica, S.L.	-	(1)	C
Abengoa Servicios, S.A. De C.V.	Mexico D.F. (MX)	968	100	Abengoa México, S.A. de C.V./Servicios Aux. de Admon., S.A	-	(1)	C

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa Solar Brasil Desenvolvidores Solares Ltda.	Rio de Janeiro (BR)	1,050	100	Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.	-	(1)	-
Abengoa Solar Chile O&M Spa	Santiago de Chile (CL)	2	100	Abengoa Chile, S.A./Abengoa Operation and Maintenance, S.A.	-	(1)	-
Abengoa Solar Chile, SpA	Santiago de Chile (CL)	352,229	100	Abengoa Solar Internacional, S.A.	-	(1)	-
Abengoa Solar Engineering (Beijing), Co. Ltd.	Beijing (CN)	103	100	Abengoa Solar, S.A.	-	(3)	-
Abengoa Solar España, S.A.	Seville (ES)	361,214	100	Abengoa Solar, S.A./Abengoa Solar New Technologies, S.A.	-	(1)	B
Abengoa Solar Extremadura, S.A.	Cáceres (ES)	60	100	Abengoa Solar España, S.A./Abengoa Solar New Technologies, S.A.	-	(3)	-
Abengoa Solar Holdings Inc.	Dover (USA)	174,669	100	Abengoa US Holding, LLC	-	(1)	-
Abengoa Solar India Private Limited	Maharashtra (IN)	1,978	100	Abengoa Solar Internacional, S.A./Abengoa Solar, S.A.	-	(1)	C
Abengoa Solar Industrial Systems, LLC	Brooklyn Center (USA)	4,608	100	Abengoa Solar, LLC.	-	(1)	-
Abengoa Solar Internacional, S.A.	Seville (ES)	12,501	100	Abengoa Solar, S.A./Abengoa Solar España, S.A.	-	(1)	B
Abengoa Solar Investments 2 Ltd	Cardiff (UK)	1	100	Africa Solar Investments 2 LLC	-	(1)	C
Abengoa Solar México S.A. de C.V.	Mexico D.F. (MX)	595	100	Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.	-	(1)	-
Abengoa Solar Middle East Holding, S.L.	Seville (ES)	-	100	Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.	-	(1)	-
Abengoa Solar New Technologies, S.A.	Seville (ES)	20,017	100	Abengoa Solar, S.A./Abengoa Solar España, S.A.	-	(1)	B
Abengoa Solar Power Arabia LLC	Riade (Arabia Saudi)	244	100	Abengoa Solar, S.A./Abengoa Solar New Technologies, S.A.	-	(3)	C
Abengoa Solar Power South Africa (Pty) Ltd.	Cape Town (ZA)	1,242	100	Abengoa Solar Internacional, S.A.	-	(3)	B
Abengoa Solar Power, S.A.	Seville (ES)	250	100	Abengoa Solar, S.A./Abengoa Solar España, S.A.	-	(3)	-
Abengoa Solar Ventures S.A.	Seville (ES)	26,660	100	Abengoa Solar, S.A./Abengoa Solar España, S.A.	-	(1)	-
Abengoa Solar, LLC	Dover (USA)	82,768	100	Abengoa North America, LLC	-	(1)	-
Abengoa Solar, S.A.	Seville (ES)	73,521	100	Abengoa Abenewco 1, S.A./Abengoa Solar España, S.A.	-	(1)	B
Abengoa SP Holdings, LLC	Dover (USA)	25,560	100	Abengoa Solar, LLC.	-	(1)	-
Abengoa Transmission & Infrastructure ULC	Vancouver (CA)	-	100	Abengoa Transmission & Infrastructure, LLC	-	(1)	-
Abengoa Transmission & Infrastructure, LLC	Delaware (US)	23,441	100	Abeinsa, LLC.	-	(1)	-
Abengoa US Holding, LLC	Washington (US)	1,072,721	100	Abengoa Bioenergía, S.A./Abengoa Solar, S.A./Abeinsa, Ingeniería y Construcción Industrial, S.A., S.A./Abengoa Water, S.L.U.	-	(1)	-
Abengoa US Operations, LLC	Washington (US)	284,270	100	Abengoa US, LLC	-	(1)	-
Abengoa US, LLC	Washington (US)	1,164,733	100	Abengoa Bioenergía Holdco, Inc./Abengoa Solar Holdings Inc./Abengoa Water Holding USA, Inc./Abener Energía, S. A./Abacus Project Management, Inc./Abeinsa Holding, Inc.	-	(1)	-
Abengoa Water Agadir, S.L.U.	Seville (ES)	2,734	100	Abengoa Water, S.L.	-	(1)	-
Abengoa Water Beijing Co., Ltd	Pekín (CN)	65	100	Abengoa Water, S.L.	-	(4)	-
Abengoa Water Chile, Limitada	Santiago de Chile (CL)	-	100	Abengoa Water, S.L./Abengoa Water International, S.L.	-	(4)	-
Abengoa Water Dalian, S.L.U.	Seville (ES)	33	100	Abengoa Water, S.L.	-	(1)	-
Abengoa Water Holding USA, Inc.	Delaware (US)	5,072	100	Abengoa US Holding, LLC	-	(4)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abengoa Water Internacional, S.L.U.	Seville (ES)	6	100	Abengoa Water, S.L./Abengoa Operation and Maintenance, S.A.	-	(1)	-
Abengoa Water Investments Ghana, BV	Amsterdam (NL)	5,804	100	Abengoa Water Nungua, S.L.U.	-	(1)	-
Abengoa Water Investments Takoradi Bv	Amsterdam (NL)	15	100	Abengoa Water Takoradi, S.L.U.	-	(1)	-
Abengoa Water Nungua, S.L.U.	Seville (ES)	5,586	100	Abengoa Water, S.L.U.	-	(1)	-
Abengoa Water Taiwan, S.L.U.	Seville (ES)	16	100	Abengoa Water, S.L.	-	(1)	-
Abengoa Water Takoradi, S.L.U.	Seville (ES)	13	100	Abengoa Water, S.L.	-	(1)	-
Abengoa Water USA, LLC.	Texas (US)	3,129	100	Abengoa North America, LLC	-	(1)	-
Abengoa Water, S.L.	Seville (ES)	185,162	100	Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(1)	B
Abengoa Yield S.à.r.l.	Luxemburg (LU)	13	100	Abengoa Concessions Investments, S.à.r.l.	-	(1)	-
Abent 3T, S.A.P.I. de C.V.	Mexico D.F. (MX)	13,189	100	A3T LuxCo 1 S.A.	-	(5)	B
Abenta Concessões Brasil	Rio de Janeiro (BR)	2	95.84	Abengoa Concessões Brasil Holding, S.A.	-	(2)	-
Abenta Construção Brasil Ltda	Rio de Janeiro (BR)	13,071	100	Inabensa Rio, Ltda./Abengoa Construção Brasil, Ltda.	-	(1)	-
Abentel Telecomunicaciones, S.A.	Seville (ES)	11,818	100	Abener Energía, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Abentey Brasil, Ltda.	Pirassununga (BR)	57	100	Abener Energía, S.A./Teyma Internacional, S.A.	-	(1)	-
Aboadze Desalination Developments, Limited	Accra (GH)	-	90	Abengoa Water Investments Takoradi, Bv	-	(4)	-
Aburate Construção, Ltda.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda. / Teyma Internacional S.A.	-	(1)	-
ACC 4T, S.A.P.I. de C.V.	Mexico D.F. (MX)	2	100	Abengoa México, S.A. de CV/ Servicios Auxiliares de Administración, S.A. de C.V.	-	(5)	C
ACIL Luxco 1, S.A.	Luxemburg	886,166	100	ACIL Luxco 2, S.A.	(*)	-	-
ACIL Luxco 2, S.A.	Luxemburg	597,785	100	Abengoa Concessions Investments Ltd.	(*)	-	-
Africa Solar Investments 2 LLC	Dover (USA)	1	100	Abengoa Solar LLC	-	(1)	-
Alsiraj I Solar, S.A.	Giza (EGP)	-	100	Abengoa Solar Egypt Investment Company B.V./Abengoa Solar Internacional, S.A./Abengoa Solar España, S.A.	-	(3)	-
Aman El Baraka S.A.	Agadir (Morocco)	164	100	Abengoa Water Internacional, S.L.U./Abengoa, S.A.	(*)	-	-
Aprovechamientos Energéticos Furesa, S.A.	Murcia (ES)	2,211	98	Abeinsa Asset Management, S.L.	-	(5)	-
Asa Bioenergy Holding, AG	Zug (SZ)	430,749	100	Abengoa Bioenergía, S.A.	-	(6)	-
Asa Desulfuración, S.A.	Vizcaya (ES)	44,611	100	Siema Investment, S.L.U./Sociedad Inversora en Energía y Medioambiente, S.A.	-	(1)	-
Asa E & E.H., AG	Zug (SZ)	81	100	Sociedad Inversora Energía y Medio Ambiente, S.A.	-	(1)	-
Asa Iberoamérica, S.L.	Seville (ES)	423,225	100	Soc. Inv. Energía y Medio Ambiente, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Asa Inmobiliaria Chile, S.A.	Santiago de Chile (CL)	374	100	Abeinsa Inversiones Latam, S.L./Teyma Abengoa, S.A.	-	(1)	-
Asa Investment AG, ZUG	Zug (SZ)	69,950	100	Abeinsa Inversiones Latam, S.L.	-	(1)	-
ASA Investment Brasil Ltda	Rio de Janeiro (BR)	803	100	Abeanza Brasil, S.A./Abengoa Construção Brasil, Ltda.	-	(1)	-
ASI Operations LLC	Delaware (US)	776	100	Abengoa Solar, LLC.	-	(1)	-
ATE VI Campos Novos Transmissora de Energia, S.A	Rio de Janeiro (BR)	33,615	100	Abengoa Concessões Brasil Holding, S.A./Abengoa Construção Brasil, Ltda.	-	(2)	C



## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
ATE VII- Foz do Iguaçu Transmissora de Energia, S.A.	Rio de Janeiro (BR)	21,269	100	Abengoa Concessões Brasil Holding, S.A./Abengoa Construção Brasil, Ltda.	-	(2)	C
ATE X Abengoa Brasil Administração Predial Ltda	Rio de Janeiro (BR)	5,115	100	Abengoa Construção Brasil, Ltda./Abengoa Concessões Brasil Holding, S.A.	-	(1)	-
ATE XI, Manaus Transmissora de Energia	Rio de Janeiro (BR)	159,342	50.50	Abengoa Concessões Brasil Holding, S.A.	-	(2)	C
ATE XII, Norte Brasil Transmissora de Energia S.A	Rio de Janeiro (BR)	216,293	51	Abengoa Concessões Brasil Holding, S.A.	-	(2)	C
ATE XIX Transmissora de Energia S.A.	Rio de Janeiro (BR)	72,540	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	368,732	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVII Transmissora de Energia S.A.	Rio de Janeiro (BR)	90,486	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	46,354	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XX Transmissora de Energia S.A.	Rio de Janeiro (BR)	59,847	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXI Transmissora de Energia S.A.	Rio de Janeiro (BR)	239,424	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXII Transmissora de Energia S.A.	Rio de Janeiro (BR)	76,778	100	Abengoa Concessões Brasil Holding S.A./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	112,315	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXIV Transmissora de Energia, S.A.	Rio de Janeiro (BR)	60,350	100	Abengoa Greenfield Brasil Holding, S.A./ Abengoa Construção Brasil, Ltda.	-	(2)	-
ATE XXVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXVII Transmissora de Energia, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./ Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATE XXVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda / Abengoa Greenfield Brasil Holding, S.A.	-	(2)	-
ATN 1, S.A.	Lima (PE)	51	100	Abengoa Perú, S.A.	-	(2)	-
ATN 3, S.A.	Lima (PE)	11,654	100	Abengoa Perú, S.A./ Abengoa Greenfield Perú, S.A.	-	(2)	-
Aurorex, S.A.	Montevideo (UY)	341	100	Balofix, S.A.	-	(1)	-
Balofix, S.A.	Montevideo (UY)	1,428	100	Abengoa Energy Crops, S.A.	-	(1)	-
Befesa Agua Tenes S.L.	Seville (ES)	19,524	100	Abengoa Water S.L.	-	(4)	-
Befesa CTA Qingdao S.L.U	Madrid (ES)	5,365	100	Abengoa Water, S.L.	-	(4)	-
Befesa Desalination Developments Ghana Limited	Accra (GH)	5,317	56	Abengoa Water Investment Ghana BV	-	(4)	B
Beijing Abeinsa Management Consulting Co., Ltd.	Pekín (CN)	150	100	Abeinsa Business Development, S.A.	-	(1)	-
Casaquemada Fotovoltaica, S.L.	Seville (ES)	2,936	100	Abengoa Solar España, S.A./Abengoa Solar, S.A.	-	(3)	-
Centro Morelos 264 S.A. de C.V	Mexico D.F. (MX)	10,632	100	Abener Energia S.A./ Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A./ Servicios Auxiliares de Administración, S.A.	-	(1)	C
Centro Tecnológico Palmas Altas, S.A.	Seville (ES)	12,899	100	Abengoa, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Cogeneración Villaricos, S.A.	Seville (ES)	5,951	99.20	Abeinsa Asset Management, S.L.	-	(5)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Concesionaria del Acueducto el Zapotillo, S.A. de C.V.	Mexico D.F. (MX)	23,857	100	Abengoa Mexico, S.A.C.V./Abeinsa Infraestructuras MedioAmbiente, S.A./Abeinsa, Ingeniería y Construcción Industrial, S.A.	-	(4)	C
Construcciones Metálicas Mexicanas, S.A. de C.V. (Comensa)	Querétaro (MX)	18,925	100	Europea Const. Metálicas, S.A./Abengoa México, S.A. de C.V.	-	(1)	B
Construcciones y Depuraciones, S.A.	Seville (ES)	7,938	100	Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(1)	-
Construtora Integração Ltda.	Rio de Janeiro (BR)	-	51	Abengoa Construção Brasil, Ltda.	-	(1)	C
Consultora de Servicios y Proyectos Centro Norte, S.A. de C.V.	Guadalajara (MX)	-	100	Servicios Auxiliares de Administración, S.A. de C.V./ Abengoa México, S.A. de C.V.	-	(1)	-
Copero Solar Huerta Uno, S.A.	Seville (ES)	96	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Dos, S.A.	Seville (ES)	92	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Tres, S.A	Seville (ES)	94	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Cuatro, S.A.	Seville (ES)	88	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Cinco, S.A.	Seville (ES)	87	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Seis, S.A.	Seville (ES)	83	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Siete, S.A.	Seville (ES)	83	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Ocho, S.A.	Seville (ES)	81	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Nueve, S.A.	Seville (ES)	42	50	Abengoa Solar España, S.A.	-	(3)	-
Copero Solar Huerta Diez, S.A.	Seville (ES)	32	50	Abengoa Solar España, S.A.	-	(3)	-
CSP Atacama Dos, S.A	Santiago de Chile (CL)	42,338	100	Abengoa Chile, S.A./Abengoa Solar Chile, SpA	-	(3)	-
CSP Equity Investment S.a.r.l.	Luxemburg (LU)	110,012	100	Abengoa Solar España, S.A.	-	(1)	-
Dalian Xizhong Island Desalination Co., Ltd	Dalian (CN)	117	70	Abengoa Water Dalian, S.L.U.	-	(4)	-
Denizli Water Treatment Limited Sirketi	Ankara (TR)	3	100	Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A./ Abeinsa Infraestructuras Medio Ambiente, S.A./ Abengoa Perú, S.A.	-	(1)	-
Desarrolladora de Energia Renewable, S.A.P.I. de C.V	Mexico D.F. (MX)	-	100	Abengoa México, S.A. de C.V. /Servicios Auxiliares de Administración, S.A. De C.V.	-	(1)	-
Development NEA, Ltd.	Tel Aviv (IL)	-	100	NEA Solar Development, S.A.	-	(1)	B
DGEN Transmission Company, Ltd.	Delhi (IN)	1,495	100	Instalaciones Inabensa, S.A.	-	(2)	-
Energoprojekt-Gliwice S.A.	Gliwice (PL)	9,895	100	Abener Energia, S.A.	-	(1)	-
Ernergy, S.A.	Montevideo (UY)	2,392	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Enicar Chile, SA	Santiago de Chile (CL)	12	100	Abengoa Chile, S.A.	-	(2)	-
Europa Desenvolvimento Solares Ltda.	Rio de Janeiro (BR)	3	100	Abengoa Solar Brasil Desenvolvimento Solares Ltda./ Abengoa Solar Internacional, S.A.	-	(3)	-
Europea de Construcciones Metálicas, S.A. (Eucomsa)	Seville (ES)	11,988	100	Abeinsa Ingeniería y Construcción Industrial, S.A./Abengoa Solar, S.A.	-	(1)	B
Faritel, S.A.	Montevideo (UY)	14	100	Teyma Forestal, S.A.	-	(1)	-
GES Investment C.V.	Amsterdam (NL)	23	92	Abeinsa Inversiones Latam, S.L.	-	(1)	-
Gestión Integral de Recursos Humanos, S.A.	Seville (ES)	177	100	Siema Technologies / Soc. Inver. en Energ. y M. Amb. S.A. (Siema)	-	(1)	B
Giomper, S.A.	Montevideo (UY)	306	100	Instalaciones Inabensa, S.A/ Ernergy, S.A.	-	(1)	-

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Inabensa Bharat Private Limited	New Delhi (IN)	12,110	100	Europea Const. Metálicas, S.A./Instalaciones Inabensa, S.A./Abener Energía, S.A.	-	(1)	-
Inabensa Fotovoltaica, S.L.	Seville (ES)	3	100	Instalaciones Inabensa, S.A./Abeinsa, Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Inabensa France, S.A.	Vitrolles (FR)	550	100	Instalaciones Inabensa, S.A.	-	(1)	B
Inabensa Limited	Leeds (GB)	-	100	Instalaciones Inabensa, S.A.	-	(1)	-
Inabensa Maroc, S.A.R.L.	Tánger (MA)	6,723	100	Instalaciones Inabensa, S.A.	-	(1)	A
Inabensa Pty Ltd	Sandton (SUD)	-	100	Instalaciones Inabensa, S.A.	-	(1)	-
Inabensa Rio Ltda	Rio de Janeiro (BR)	13,117	100	Abeansa Brasil, S.A./Abengoa Construção Brasil, Ltda.	-	(1)	-
Inabensa Saudi Company Limited	Jeddah (SAI)	17,368	100	Instalaciones Inabensa, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	C
Inabensa Ukraine, LLC	Kiev (UA)	15	100	Instalaciones Inabensa, S.A.	-	(1)	-
Inabensa, LLC	Ruwi (OM)	9,174	70	Instalaciones Inabensa, S.A.	-	(1)	B
Iniciativas Hidroeléctricas de Aragón y Cataluña, S.L.	Huesca (ES)	4,007	95	Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(4)	-
Iniciativas Hidroeléctricas, S.A.	Seville (ES)	1,226	50	Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(4)	C
Instalaciones Fotovoltaicas Torrecuellar, 1 S.L.	Seville (ES)	-	100	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.	-	(1)	-
Instalaciones Fotovoltaicas Torrecuellar, 2 S.L.	Seville (ES)	-	100	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.	-	(1)	-
Instalaciones Fotovoltaicas Torrecuellar, 3 S.L.	Seville (ES)	-	100	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.	-	(1)	-
Instalaciones Inabensa Insaat Enerji Sanayi ve Ticaret Ltd Sirketi	Ankara (TR)	2,535	100	Abeinsa, Ingeniería y Construcción Industrial, S.A./ Instalaciones Inabensa, S.A.	-	(1)	-
Instalaciones Inabensa, Ltda.	Rio de Janeiro (BR)	2,884	100	Zeroemissions Technologies, S.A./Zeroemissions Carbon Trust,S.A./ Instalaciones Inabensa, S.A.	-	(1)	-
Instalaciones Inabensa, S.A.	Seville (ES)	114,215	100	Nicsa/Abener Energía, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Inversora Enicar S.A.	Santiago de Chile (CL)	1,829	100	Abengoa Chile, S.A.	-	(2)	-
Junertil S.A.	Montevideo (UY)	3	100	Enertey, S.A.	-	(1)	-
Kai Garib BEE Holding (Pty) Ltd	Cape Town (ZA)	-	100	Kai Garib Investments	-	(1)	-
Kai Garib EPC Holding (Pty) Ltd	Cape Town (ZA)	-	100	Khunab Investments	-	(1)	-
Kai Garib Investments (Pty) Ltd	Cape Town (ZA)	6	100	Abengoa Solar Investments 2 LLC	-	(1)	-
Kai Garib O&M (Pty) Ltd	Cape Town (ZA)	-	100	Abengoa Solar Power South Africa(Pty) Ltd	-	(1)	-
Kai Garib Solar (Pty) Ltd	Cape Town (ZA)	-	100	Kai Garib Investments (Pty) Ltd	-	(1)	-
Kaxu CSP O&M Company (Pty) Limited	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(3)	B
Kaxu CSP South Africa (Proprietary) Limited	Cape Town (ZA)	1,202	51	Solar Power PV South Africa (Pty) Ltd.	-	(3)	-
Khi CSP O&M Company (Pty) Limited	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(3)	B
Khi CSP South Africa (Proprietary) Limited	Cape Town (ZA)	721	51	Solar Power PV South Africa (Pty) Ltd.	-	(3)	B
Khi Solar One (Pty) Ltd.	Gauteng (SUD)	21,881	51	Son Rivieren (Pty) Limited [L23] (51%) / IDC (49%)	-	(3)	B
Khunab Investments (Pty) Ltd	Cape Town (ZA)	6	100	Abengoa Africa Investment LLC	-	(1)	-
Khunab O&M (Pty) Ltd	Cape Town (ZA)	-	100	Abengoa Solar Power South Africa(Pty) Ltd	-	(1)	-
Khunab Solar (Pty) Ltd	Cape Town (ZA)	-	100	Khunab Investments (Pty) Ltd	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Klitten, S.A.	Montevideo (UY)	13	100	Teyma Uruguay S.A.	-	(1)	-
Las Cabezas Fotovoltaica, S.L.	Seville (ES)	8,164	100	Abengoa Solar España, S.A./Abengoa Solar, S.A.	-	(3)	-
Latifox, S.A.	Montevideo (UY)	2	100	Enertey, S.A.	-	(1)	-
Linares Fotovoltaica, S.L.	Seville (ES)	3,271	100	Abengoa Solar España, S.A./Abengoa Solar, S.A.	-	(3)	-
Londrina Transmissora De Energia, S.A.	Rio de Janeiro (BR)	32,353	100	Abengoa Concessoes Brasil Holding, S.A./Abengoa Construção Brasil, Ltda.	-	(2)	C
Mallorca Desenvolvidores Solares Ltda.	Rio de Janeiro (BR)	2	100	Abengoa Solar Brasil Desenvolvidores Solares Ltda./ Abengoa Solar Internacional, S.A.	-	(3)	-
Manaus Constructora Ltda	Rio de Janeiro (BR)	-	51	Abengoa Construção Brasil, Ltda.	-	(1)	C
Marudhara Akshay Urja Private Limited	Maharashtra (IN)	33	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(3)	-
Marusthal Green Power Private Limited	Maharashtra (IN)	33	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(3)	-
McTaggart Infracore 1(Pty) Ltd	Cape Town (ZA)	-	100	Solar Power PV South Africa Pty Ltd	-	(1)	-
NEA Solar Development, S.A.	Seville (ES)	5,530	100	Abengoa Solar, S.A./Abengoa Solar España, S.A.	-	(1)	-
NEA Solar Investments, LLC.	Dover (USA)	-	100	Abengoa Solar LLC.	-	(1)	-
NEA Solar O&M Holdings LLC	Dover (USA)	-	100	Abengoa Solar, LLC	-	(1)	-
NEA Solar Operation and Maintenance, Ltd	Tel Aviv (IL)	-	100	NEA Solar O&M Holdings, LLC.	-	(1)	-
NEA Solar Power, Ltd.	Tel Aviv (IL)	-	100	NEA Solar Investments, LLC	-	(1)	B
Negocios Industriales y Comerciales, S.A. (Nicsa)	Madrid (ES)	964	100	Abencor, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Nicsa Chile, SpA.	Santiago de Chile (CL)	1	100	Nicsa Perú, S.A.	-	(1)	-
Nicsa Colombia, SAS	Bogotá (CO)	1	100	Negocios Industriales y Comerciales, S.A. (Nicsa)	-	(1)	-
Nicsa Fornecimiento de Materiais Eléctricos, Ltda.	Rio de Janeiro (BR)	5,152	100	Abeinsa Ingeniería y Construcción Industrial, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Nicsa Industrial Supplies South Africa (Pty) Ltd.	Upington (ZA)	-	100	Negocios Industriales y Comerciales, S.A. (Nicsa)	-	(1)	-
Nicsa Perú, S.A.	Lima (PE)	573	100	Negocios Industriales y Comerciales, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Nicamex, S.A. de C.V.	Mexico D.F. (MX)	240	100	Negocios Industriales y Comerciales, S.A./Abengoa México, S.A. de C.V.	-	(1)	B
Omega Chile SpA	Santiago de Chile (CL)	2	100	Omega Sudamérica, S.L.	-	(1)	-
OMEGA Operação e Manutenção de Linhas de Transmissão, S.A.	Rio de Janeiro (BR)	175	100	Omega Sudamérica, S.L./Abengoa Construção Brasil, Ltda.	-	(1)	-
Omega Perú Operación y Mantenimiento S.A.	Lima (PE)	77	100	Abengoa Perú S.A./Omega Sudamérica S.L.	-	(1)	B
Omega Sudamérica, S.L	Seville (ES)	3	100	Instalaciones Inabensa, S.A./ASA Iberoamérica S.A.	-	(1)	-
Operación y Mantenimiento Uruguay, S.A.	Montevideo (UY)	1,822	100	Teyma Uruguay S.A	-	(5)	-
Presentel, S.A.	Montevideo (UY)	1	100	Abencor Suministros, S.A.	-	(1)	-
Procesos Ecológicos Carmona 1, S.A.	Seville (ES)	63	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Carmona 2, S.A.	Seville (ES)	90	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Carmona 3, S.A.	Seville (ES)	60	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Procesos Ecológicos, S.A.	-	(1)	-

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Procesos Ecológicos Lorca 1, S.A.	Seville (ES)	180	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Procesos Ecológicos, S.A.	-	(1)	-
Procesos Ecológicos Vilches, S.A.	Seville (ES)	1,299	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Procesos Ecológicos, S.A.	-	(5)	-
Procesos Ecológicos, S.A.	Seville (ES)	657	50	Abeinsa Infraestructuras Medio Ambiente, S.A.	-	(1)	-
Promotora Serabén de Servicios Corporativos, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abener Mexico S.A. de C.V./Abengoa Mexico S.A. de C.V.	-	(1)	-
Puerto Real Cogeneración, S.A.	Seville (ES)	176	99.09	Abeinsa Asset Management, S.L.	-	(5)	-
Rajasthan Photon Energy Pvt Ltd	Maharashtra (IN)	33	100	Abengoa Solar India Private Limited/Abengoa Solar Internacional, S.A.	-	(3)	-
Sao Mateus Transmissora de Energia, Ltda.	Rio de Janeiro (BR)	47,588	76	Abengoa Concessões Brasil Holding, S.A.	-	(2)	C
Servicios Administrativos Tabasco, S.A. de C.V.	Tabasco (MX)	-	100	Servicios Auxiliares de Administración, S.A. de C.V./ Abengoa México, S.A. de CV	-	(1)	-
Servicios Auxiliares de Administración, S.A. de C.V.	Mexico D.F. (MX)	19,425	100	Abengoa México, S.A. de C.V.	-	(1)	C
Servicios Integrales de Mantenimiento y Operación, S.A. (Simosa)	Seville (ES)	1,558	100	Negocios Industriales y Comerciales, S.A./ Abengoa Abenewco 1, S.A.	-	(1)	C
Siema Investment, S.L.U.	Seville (ES)	7,399	100	Siema Technologies, S.L	-	(1)	-
Siema Technologies, S.L.	Seville (ES)	24,310	100	Abengoa Abenewco 1, S.A./ Sociedad Inversora en Energia y Medioambiente, S.A.	-	(1)	B
Simosa Brasil, S.A.	Rio de Janeiro (BR)	-	100	Abengoa Construção Brasil, Ltda./Inabensa Rio Ltda	-	(1)	-
Simosa I.T., S.A.	Seville (ES)	902	100	Abengoa Abenewco 1, S.A./Simosa, S.A.	-	(1)	B
Simosa IT Uruguay S.A.	Montevideo (UY)	2	100	Simosa IT, S.A.	-	(1)	-
Simosa IT US, LLC	Missouri (US)	1,035	100	Simosa IT, S.A.	-	(1)	-
Simosa UY S.A.	Montevideo (UY)	7,843	100	Teyma Uruguay, S.A	-	(1)	-
Sistemas de Desarrollo Sustentables S.A. De C.V.	Mexico D.F. (MX)	3,409	65	Abengoa Servicios Industriales, S.A./Abengoa México, S.A. de CV	-	(1)	B
Sociedad Inversora en Energia y Medioambiente, S.A. (Siema)	Seville (ES)	93,008	100	Abengoa Abenewco 1, S.A./Negocios Industriales y Comerciales, S.A.	-	(1)	-
Sociedad Inversora Lineas de Brasil, S.L. (ETVE)	Seville (ES)	139,535	100	Asa Iberoamérica, S.L.	-	(1)	B
Société d'Eau Désalée d'Agadir (SEDA)	Agadir (MA)	2,710	51	Abengoa Water Agadir, S.L.U.	-	(4)	-
Solar Power Plant One	Argel (DZ)	42,111	51	Abener Energia, S.A.	-	(3)	C
Solar Power PV South Africa (Pty) Ltd.	Gauteng (ZA)	173	100	Abengoa Solar Internacional, S.A.	-	(3)	B
Solargate Electricidad Cuatro, S.A.	Seville (ES)	1,408	100	Abengoa Solar España, S.A./Abengoa Solar NT, S.A.	-	(3)	-
Solargate Electricidad Tres, S.A.	Seville (ES)	2,143	100	Abengoa Solar España, S.A./Abengoa Solar NT, S.A.	-	(3)	-
Son Rivieren (Pty) Limited	Cape Town (ZA)	549	100	South Africa Solar Investment, S.L.	-	(1)	B
South Africa Solar Investments, S.L.	Seville (ES)	104,837	100	Abengoa Solar Internacional, S.A./ Abengoa Solar, S.A.	-	(1)	B
South Africa Solar Ventures, S.L.	Seville (ES)	50	100	Abengoa Solar Internacional, S.A./NEA Solar Power, S.A.	-	(1)	-
Subestaciones 611 Baja California, S.A. De C.V.	Mexico D.F. (MX)	3	100	Abengoa México, S.A. de C.V./Abengoa Abenewco 1, S.A.	-	(1)	-
Tairol, S.A.	Montevideo (UY)	-	100	Talentir, S.A.	-	(1)	-
Talentir, S.A.	Montevideo (UY)	3	100	Enertey, S.A./ Instalaciones Inabensa, S.A.	-	(1)	-
Tarefix S.A.	Delaware (US)	1	92	Abeinsa Inversiones Latam, S.L.	-	(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Tenes Lyimyah	Dely Ibrahim (DZ)	19,803	51	Béfesa Aguas Tenes, S.L.	-	(4)	-
Teyma Abengoa, S.A.	Buenos Aires (AR)	9,831	100	Abeinsa Inversiones Latam, S.L./Asa Iberoamérica, S.L./Abengoa Abenewco 1, S.A.	-	(1)	B
Teyma Construction USA, LLC.	Arizona (US)	151,558	100	Abeinsa, LLC.	-	(1)	-
Teyma Forestal, S.A.	Montevideo (UY)	5,740	100	Teyma Sociedad de Inversión, S.A	-	(1)	B
Teyma Gestión Ambiental, S.A	Montevideo (UY)	15	100	Teyma Medioambiente, S.A.	-	(1)	-
Teyma India Private Limited	Mumbai (IN)	3,707	100	Teyma Gestión de Contratos de Construcción e Ingeniería, S.A. / Teyma Internacional S.A.	-	(1)	C
Teyma Internacional, S.A.	Montevideo (UY)	16	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Teyma Medio Ambiente, S.A.	Montevideo (UY)	16	100	Teyma Sociedad de Inversión, S.A.	-	(1)	-
Teyma Paraguay, SA.	Asunción (PY)	-	100	Teyma Internacional, S.A.	-	(1)	-
Teyma Sociedad de Inversión, S.A.	Montevideo (UY)	15,833	100	Abeinsa Inversiones Latam, S.L.	-	(1)	B
Teyma South Africa (Pty) Ltd.	Upington (ZA)	2,095	100	Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.	-	(1)	-
Teyma Uruguay ZF, S.A.	Montevideo (UY)	4,131	100	Teyma Uruguay, S.A.	-	(1)	-
Teyma Uruguay, S.A.	Montevideo (UY)	6,906	97	Teyma Sociedad de Inversión, S.A.	-	(1)	B
Teyma USA & Abener Engineering and Construction Services Partnership	Missouri (US)	131,418	100	Teyma Construction USA, LLC/Abener Construction Services, LLC.	-	(1)	-
Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.	Seville (ES)	347,307	100	Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	B
Transportadora Cuyana, S.A.	Buenos Aires (AR)	1	100	Teyma Abengoa, S.A./Abengoa Abenewco 1, S.A.	-	(1)	C
Transportadora del Norte, S.A.	Buenos Aires (AR)	1	100	Abengoa, S.A./Teyma Abengoa, S.A.	-	(1)	C
Transportadora Mar del Plata S.A.	Buenos Aires (AR)	3	70	Teyma Abengoa, S.A./ Abengoa Abenewco 1, S.A.	-	(1)	B
Transportadora Rio Coronda, S.A.	Buenos Aires (AR)	-	100	Teyma Abengoa, S.A./Abengoa, S.A.	-	(1)	C
Transportadora Rio de la Plata, S.A.	Buenos Aires (AR)	-	100	Teyma Abengoa, S.A./Abengoa, S.A.	-	(1)	-
Turbogenerador Madero 7, S.A. de C.V.	Mexico D.F. (MX)	2	100	Abener Energ., S.A./ Teyma, Gest. Cont. Const. e Ing., S.A./Abengoa México, S.A. de C.V.	-	(1)	-
Unidad Punta de Rieles, S.A.	Montevideo (UY)	10,388	85	Teyma Uruguay, S.A.	-	(5)	B
XiNa CSP South Africa (Pty) Ltd	Cape Town (ZA)	15,500	100	South Africa Solar Investments, S.L.	-	(1)	B
XiNa Operations and Maintenance Company (Pty) Ltd	Cape Town (ZA)	-	92	Abengoa Solar Power South Africa (Pty) Ltd.	-	(1)	-
Zero Emissions Technologies, S.A. (Zeroemissions)	Seville (ES)	60	100	Abeinsa Ingeniería y Construcción Industrial, S.A./Abengoa Innovación, S.A.	-	(1)	-
Zeroemissions (Beijing) Technology Consulting Service Co. Ltd	Beijing (CN)	100	100	Zero Emissions Technologies, S.A./Zeroemissions Carbon Trust, S.A.	-	(1)	-
Zeroemissions Carbon Trust, S.A	Seville (ES)	125	100	Zeroemissions Technologies, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.	-	(1)	-
Zona Norte Engenharia, Manutenção e Gestão De Serviços, S.A. Spe.	Manaus (BR)	27,146	60	Abengoa Concessões Brasil Holding, S.A.	-	(5)	C

## Appendix XII.- Subsidiary companies included in the 2017 Consolidation Perimeter using the global integration method (continuation)

Shareholding capital cost is calculated using the current closing year exchange rate.

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

(1) Operating segment activities area: Engineering and Construction.

(2) Operating segment activities area: Transmission.

(3) Operating segment activities area: Solar.

(4) Operating segment activities area: Water.

(5) Operating segment activities area: Cogeneration and others.

(6) Operating segment activities area: Bioenergy.

A Audited by PricewaterhouseCoopers Auditores.

B Audited by Deloitte (for legal purposes).

C Others (for legal purposes).

## Appendix XIII.- Associated companies and Joint Ventures included in the 2017 Consolidation Perimeter using the participation method

Company Name	Registered Address	Shareholding		Parent Company	(*)/(**)/(***)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Abeima Fisia Shuaibah LLC	Saudi Arabia	58	50	Abeinsa Infraestructuras Medio Ambiente, S.A.	(*)	(1)	-
Abengoa Vista Ridge, LLC. (SAW)	Texas (USA)	16,339	20	Abengoa Water USA, LLC.	-	(5)	-
Agua y Gestión de Servicios Ambientales, S.A.	Seville (Spain)	3,562	41.54	Abengoa Water, S.L.	-	(4)	-
Ashalim Thermo Solar Management, Ltd.	Israel	-	50	Abener Energía, S.A./ Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.	(**)	(1)	-
ATE VIII Transmissora de Energia S.A. (lote Itacaiuna) (antes ATE XV)	Rio de Janeiro (Brazil)	10,079	50	Abengoa Concessoes Brasil Holding, S.A.	(**)	(2)	C
Atlantica Yield, Plc y filiales	London (UK)	886,176	41.47	ACIL Luxco 1, S.A.	(***)	(7)	-
Cedisolar, S.A.	Ourense (Spain)	4,992	57.5	Rioglass Solar Holding, S.A.	-	(3)	-
Chennai O&M, JV Private Limited	Chennai (India)	-	50	Abengoa Water, S.L.	(**)	(1)	-
Chennai Water Desalination Limited	Chennai (India)	7,086	25	Abengoa Water, S.L.	-	(4)	-
Coaben SA de CV	Mexico D.F. (Mexico)	1	50	Abengoa México S.A. de C.V./Instalaciones Inabensa, S.A.	(**)	(1)	-
Cogeneración Motril, S.A.	Seville (Spain)	-	19	Abeinsa Asset Management, S.L.	-	(1)	-
Concecutex, S.A. de C.V.	Mexico D.F. (Mexico)	5,294	50	Abengoa México, S.A. de C.V.	(**)	(5)	-
Concesionaria Costa del Sol S.A.	Málaga (Spain)	4,585	50	Instalaciones Inabensa, S.A.	(**)	(5)	-
Consortio Abengoa MPM S.A.	Santiago de Chile (Chile)	1	50	Abengoa Chile, S.A.	(*)	(1)	-
Dalian Xizhong Island Energy Co., Ltd.	Dalian (China)	108	4.68	Abengoa Water Dalian, S.L.U.	-	(4)	-
Evacuación Villanueva del Rey, S.L.	Seville (Spain)	2	36.63	Helioenergy Electricidad Uno y Dos	(**)	(3)	-
Gran Establecimiento SA	Uruguay	2	33.33	Teyma Forestal	-	(1)	-
HZN Manutenção Hospitalar Ltda.	Manaus (Brazil)	-	33	Simosa Brasil, S.A.	-	(1)	-
Inapreu, S.A.	Barcelona (Spain)	2,318	50	Instalaciones Inabensa, S.A.	(**)	(5)	B
Ledincor S.A.	Uruguay	669	49	Teyma Forestal, S.A.	(**)	(1)	-
Lidelir S.A.	Uruguay	1,081	49	Teyma Forestal, S.A.	(**)	(1)	-
Micronet Porous Fibers, S.L.	Vizcaya (Spain)	3,596	50	Abengoa Water, S.L.	(**)	(1)	-
Rio Huan Solar Co., Ltd	China	2,973	55	Rioglass Solar Holding, S.A.	-	(3)	-
Rioglass Solar 2	Asturias (Spain)	60	100	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass Solar Chile, S.A.	Santiago de Chile (Chile)	1	100	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass Solar Holding, S.A.	Asturias (Spain)	4,498	15	Abengoa Solar, S.A.	-	(1)	-
Rioglass Solar Inc.	Delaware (USA)	9,391	100	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass Solar Internacional	Brussels (Belgium)	62	100	Rioglass Solar Holding, S.A./Rioglass Solar, S.A.	-	(1)	-
Rioglass Solar Systems Ltd. (antigua Alantia, Ltd.)	Tel Aviv (Israel)	-	100	Rioglass Solar Holding, S.A.	-	(3)	-
Rioglass Solar, S.A.	Asturias (Spain)	6,906	100	Rioglass Solar Holding, S.A.	-	(1)	-
Rioglass South Africa (Lty) Ltd.	South Africa	60	100	Rioglass Solar Holding, S.A.	-	(1)	-
Servicios Culturales Mexiquenses, S.A. de C.V. (Securmex)	Mexico D.F. (Mexico)	1	50	Abengoa México, S.A. de C.V./ Instalaciones Inabensa, S.A.	(**)	(1)	-
SRC Nanomaterials, S.A.	Asturias (Spain)	500	50	Rioglass Solar, S.A.	(**)	(3)	-
Total Abengoa Solar Emirates O&M Company, B.V. (TASEOM)	Amsterdam (The Netherlands)	82	50	Abengoa Solar Ventures, S.A.	(**)	(3)	-
Vista Ridge Regional Water Supply Corporation	Texas (USA)	-	100	Abengoa Vista Ridge	-	(4)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)/(**)/(***)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Xina Solar One (Rf) (Pty), Ltd. (antigua Tendogenix (Rf) (Pty) Ltd.)	Gauteng (South Africa)	68,677	40	XiNa CSP South Africa (Pty) Ltd.	-	(3)	B

Shareholding capital cost is calculated using the current closing year exchange rate.

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

(\*\*) Joint ventures included in the consolidation perimeter.

(\*\*\*) Parent company of a group of 56 companies.

(1) Operating segment activities area: Engineering and Construction.

(2) Operating segment activities area: Transmission.

(3) Operating segment activities area: Solar.

(4) Operating segment activities area: Water.

(5) Operating segment activities area: Cogeneration and others.

(6) Operating segment activities area: Bioenergy.

(7) Operating segment activities area: Yield.

A Audited by PricewaterhouseCoopers Auditores.

B Audited by Deloitte (for legal purposes).

C Others (for legal purposes).

## Appendix XIV.- Temporary Joint Ventures included in the 2017 Consolidation Perimeter using the proportional integration method

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Acceso Avda País Valencia	Alicante (ES)	3.00	100	Instalaciones Inabensa, S.A.		(1)	-
Agencia Andaluza de Energía	Seville (ES)	6.00	35	Instalaciones Inabensa, S.A.		(1)	-
Albalac	Madrid (ES)	2.04	33.34	Instalaciones Inabensa, S.A.		(1)	-
Almanjajar	Madrid (ES)	1.50	25	Instalaciones Inabensa, S.A.		(1)	-
Almería	Almería (ES)	1.50	50	Abengoa Water S.L.		(1)	-
Aparcamiento L'Ordana	Alicante (ES)	4.50	90	Instalaciones Inabensa, S.A.		(1)	-
APCA Inabensa-Abengoa Lote 2	Seville (ES)	6.00	50	Instalaciones Inabensa, S.A.		(1)	-
APCA Inabensa-Abengoa Lote 1	Seville (ES)	6.00	50	Instalaciones Inabensa, S.A.		(1)	-
Argella	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Asimel	Madrid (ES)	1.30	25	Instalaciones Inabensa, S.A.		(1)	-
Badaia	Vitoria (ES)	3.00	30	Instalaciones Inabensa, S.A.		(1)	-
Baja California	Seville (ES)	-	100	Abener Energía, S.A. /Abeinsa, Ing y Const. Ind., S.A./Serv. Aux. de Admon., S.A. de C.V.		(1)	B
CARE Córdoba	Seville (ES)	12.00	25	Instalaciones Inabensa, S.A.		(1)	-
Cartagena	Murcia (ES)	1.13	37.50	Abengoa Water S.L.		(1)	-
CGS-ABENGOA	Zaragoza (ES)	2.40	20	Instalaciones Inabensa, S.A.		(1)	-
Círculo Mercantil e Industrial de Sevilla	Seville (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Ciudad de la Justicia	Madrid (ES)	1.00	20	Instalaciones Inabensa, S.A.		(1)	-
Consistorio	Madrid (ES)	6.00	30	Instalaciones Inabensa, S.A.		(1)	-
Consortio Abengoa Colombia	Bogotá (CO)	-	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Abener Energía, S.A./ Abengoa Perú S.A.		(1)	-
Consortio Pachacutec	Lima (PE)	-	50	Abengoa Perú, S.A.		(1)	-
Consortio La Gloria	Lima (PE)	-	50	Abengoa Perú, S.A.		(1)	-
Consortio Abengoa Kipreos Limitada	Santiago (CL)	6.77	50	Abengoa Chile, S.A.		(1)	B
Consortio Ambiental de la Plata	Montevideo (UY)	0.67	100	Teyma Uruguay, S.A./Teyma Medioambiente S.A.		(1)	-
Consortio Constructor Alto Cayma	Lima (PE)	-	25	Abengoa Perú, S.A.		(1)	-
Consortio Ermitaño	Lima (PE)	-	50	Abengoa Perú, S.A.		(1)	-
CPD Solares UTE	Madrid (ES)	10.00	35	Instalaciones Inabensa, S.A.		(1)	-
CSP Atacama III	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
Edificio ETEA	Zaragoza (ES)	-	40	Instalaciones Inabensa, S.A.		(1)	-
Edificio ITA	Zaragoza (ES)	3.00	30	Instalaciones Inabensa, S.A.		(1)	-
Ermisasa Palacio Exposiciones	Seville (ES)	1.50	25	Instalaciones Inabensa, S.A.		(1)	-
Energía Línea 9	Barcelona (ES)	1.20	20	Instalaciones Inabensa, S.A.		(1)	-
Equipamiento Solar Caballería	Madrid (ES)	1.20	20	Instalaciones Inabensa, S.A.		(1)	-
Facultades	Madrid (ES)	1.00	15	Instalaciones Inabensa, S.A.		(1)	-
Ferrovial-Agroman Teyma (FAT)	Montevideo (UY)	-	40	Teyma Uruguay, S.A.		(1)	-
Giesa Inabensa	Seville (ES)	1.50	50	Instalaciones Inabensa, S.A.		(1)	-
Guardería La Nucia	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.		(1)	-
H. Campus de la Salud	Seville (ES)	2.40	20	Instalaciones Inabensa, S.A.		(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Hospital Costa del Sol	Málaga (ES)	10.00	50	Instalaciones Inabensa, S.A.		(1)	-
IB INABENSA (JV) G15	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.		(1)	-
IB INABENSA (JV) G24	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.		(1)	-
IB INABENSA (JV) GR177	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.		(1)	-
IB-PGF-INABENSA (JV) GR159 CORE	India (IN)	-	100	Inabensa Bharat Private Limited/ Instalaciones Inabensa, S.A.		(1)	-
Inabensa-Jayton Catral	Alicante (ES)	10.00	100	Instalaciones Inabensa, S.A.		(1)	-
Inabensa-Jayton La Nucia	Alicante (ES)	6.00	100	Instalaciones Inabensa, S.A.		(1)	-
Inabensa-Jayton Villajoyosa	Alicante (ES)	3.00	100	Instalaciones Inabensa, S.A.		(1)	-
Inacom	Madrid (ES)	6.00	25	Instalaciones Inabensa, S.A.		(1)	-
Incubadora	Madrid (ES)	1.80	30	Instalaciones Inabensa, S.A.		(1)	-
Inst. Eléctricas Hospital Costa del Sol	Málaga (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
La Faisanera	Burgos (ES)	4.00	30	Instalaciones Inabensa, S.A.		(1)	-
Libia-Lineas	Seville (ES)	-	50	Instalaciones Inabensa, S.A.		(1)	-
Machupichu	Seville (ES)	6.00	100	Abeinsa, Ing y Const. Ind., S.A. /Abencor Suministros, S.A.		(1)	-
Mantenimiento AVE Energía	Madrid (ES)	0.68	11.27	Instalaciones Inabensa, S.A.		(1)	-
Mataporquera	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Metro Ligero de Granada	Madrid (ES)	6.00	40	Instalaciones Inabensa, S.A.		(1)	-
Mobiliario La Nucia	Alicante (ES)	5.00	100	Instalaciones Inabensa, S.A.		(1)	-
Norte III	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
Ontoria	Vizcaya (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Pabellón Cubierto La Nucia	Alicante (ES)	9.00	100	Instalaciones Inabensa, S.A.		(1)	-
Parque aeronáutico	Seville (ES)	2.00	40	Instalaciones Inabensa, S.A.		(1)	-
Parque Soland	Seville (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Pistas Deportivas La Nucia	Alicante (ES)	1.00	100	Instalaciones Inabensa, S.A.		(1)	-
Preufet Juzgados	Barcelona (ES)	6.00	50	Instalaciones Inabensa, S.A.		(1)	-
Rap Fenol	Madrid (ES)	6.00	33	Instalaciones Inabensa, S.A.		(1)	-
Rotonda CV-70	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.		(1)	-
S/E Blanes	Madrid (ES)	6.00	33.33	Instalaciones Inabensa, S.A.		(1)	-
S/E Libia	Madrid (ES)	-	50	Instalaciones Inabensa, S.A.		(1)	-
Sede Universitaria	Alicante (ES)	4.50	100	Instalaciones Inabensa, S.A.		(1)	-
Seguridad Vial y Tráfico Rodado	Alicante (ES)	9.00	100	Instalaciones Inabensa, S.A.		(1)	-
Silfrasub	Madrid (ES)	2.00	40	Instalaciones Inabensa, S.A.		(1)	-
Silvacat	Madrid (ES)	30.00	35.50	Instalaciones Inabensa, S.A.		(1)	-
Sisecat	Madrid (ES)	1.00	20.95	Instalaciones Inabensa, S.A.		(1)	-
Sisecat II	Madrid (ES)	6.00	20.95	Instalaciones Inabensa, S.A.		(1)	-
Tablada	Seville (ES)	6.00	50	Abengoa Water S.L.		(1)	-
Telar Klitten	Montevideo (UY)	0.88	100	Teyma Uruguay, S.A.		(1)	-

## Appendix XIV.- Temporary Joint Ventures included in the 2017 Consolidation Perimeter using the proportional integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Telvent-Inabensa	Barcelona (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
Torre	Bilbao (ES)	6.00	20	Instalaciones Inabensa, S.A.		(1)	-
Torre Isla Cartuja	Seville (ES)	12.00	20	Instalaciones Inabensa, S.A.		(1)	-
Tranvía de Jaén	Seville (ES)	1.00	15	Instalaciones Inabensa, S.A.		(1)	-
Universidad de Sevilla	Seville (ES)	-	30	Instalaciones Inabensa, S.A.	(*)	(1)	-
Usansolo	Vizcaya (ES)	-	50	Instalaciones Inabensa, S.A.		(1)	-
UTE Abener Teyma Inabensa Atacama I PV	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Alacat	Madrid (ES)	3.00	50	Instalaciones Inabensa, S.A./ Electrificaciones y Montajes Integrales OHL, S.A.		(1)	-
UTE Inabensa-Ansaldo	Madrid (ES)	10.00	40.12	Instalaciones Inabensa, S.A./Ansaldo STS España SAU		(1)	-
UTE Abeinsa Teyma Zapotillo	Seville (ES)	7.00	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abeinsa Teyma Nungua	Seville (ES)	7.00	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abeinsa Teyma Barka	Seville (ES)	-	100	Abeinsa Infraestructuras Medio Ambiente, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abeinsa Teyma Agadir	Seville (ES)	-	100	Abeinsa Infraestructuras Medio Ambiente, S.A./ Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abencor-Inabensa Chilca Montalvo	Seville (ES)	7.00	100	Abeinsa, Ing y Const. Ind., S.A./Abencor Suministros, S.A.		(1)	-
UTE Abener Inabensa NP Tabasco	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	B
UTE Abener Teyma Emirates I	Seville (ES)	-	100	Abener Energía, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Abengoa Water Sahechores	Seville (ES)	3.00	50	Abener Energía, S.A./ Abengoa Water, S.L.		(1)	-
UTE Abener Teyma Upington	Seville (ES)	-	100	Abener Energía, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Paulputs	Seville (ES)	-	100	Abener Energía, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Paysandu	Seville (ES)	-	100	Abener Energía, S.A./Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Xina	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Atacama I	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Atacama II	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Teyma Inabensa Atacama II PV	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abener Inabensa NP Tabasco II	Seville (ES)	-	100	Abener Energía, S.A./Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Abensaih Guadalquivir	Seville (ES)	3.06	51	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Amés Brión	La Coruña (ES)	3.00	50	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
Ute Ashalim Eucomsa-Abeinsa Engineering	Seville (ES)	-	100	Europea de Construcc. Metálicas, S.A./Abeinsa Engineering SL		(1)	-
UTE Avensaih Guadalete - Barbate	Cádiz (ES)	3.06	51	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE B. Almanzora	Murcia (ES)	2.40	40	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
Ute Baja California Sur IV	Seville (ES)	-	100	Abener Energía, S.A. /Abeinsa, Ing y Const. Ind., S.A./Serv. Aux. de Admon., S.A. de C.V.		(1)	-
UTE CAC. Arequipa	Arequipa (PE)	3.26	51	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
UTE Cáceres	Cáceres (ES)	3.00	50	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Canal de Navarra	Navarra (ES)	3.60	20	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE CCAC Arequipa	Arequipa (PE)	6.66	25	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Centro Morelos	Seville (ES)	-	100	Abener Energía, S.A./ Teyma Gestión de Contratos de Construcción e Ingeniería, S.A./ Serv. Aux. de Administración, S.A. de C.V.		(1)	-
UTE Chennai O&M	India (IN)	6.00	100	Construcciones y Depuraciones, S.A./ Abengoa Water S.L.		(1)	-
UTE Chennai	India (IN)	6.00	100	Abeinsa Infraestructuras Medio Ambiente, S.A /Construcciones y Depuraciones, S.A.		(1)	-
UTE Conquero	Huelva (ES)	3.00	50	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
Ute Dead Sea	Seville (ES)	-	100	Abener Energía, S.A./Abeinsa Engineering SL		(1)	-
UTE Denizli	Denizli (TR)	-	100	Abeinsa Infraestructuras Medio Ambiente, S.A./ Teyma Gestión de Contratos de Construcción e Ingeniería, S.A./ Abengoa Perú S.A.		(1)	-
UTE El Cerrillo	Córdoba (ES)	4.80	80	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Fuente Alamo	Murcia (ES)	2.97	33	Construcciones y Depuraciones, S.A		(1)	-
UTE Guadalajara	Guadalajara (ES)	3.31	55	Abengoa Water S.L.		(1)	-
UTE Hassi R'Mel Construction	Seville (ES)	-	70	Abener Energía, S.A./ Abengoa Solar New Technologies, S.A.		(1)	-
UTE Hassi R'Mel O&M	Seville (ES)	-	100	Abener Energía, S.A./ Abengoa Solar España, S.A.		(1)	C
UTE Hidrosur	Málaga (ES)	2.00	33.33	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Honaine	Algeria (AR)	1.50	50	Abengoa Water S.L.		(1)	-
UTE Honaine	Algeria (AR)	1.50	50	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Inabensa Teyma Peralta	Seville (ES)	60.00	100	Instalaciones Inabensa, S.A. /Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Inabensa Teyma Eólica del Tala	Seville (ES)	60.00	100	Instalaciones Inabensa, S.A. /Teyma Gestión de Contratos de Construcción e Ingeniería, S.A.		(1)	-
UTE Inabensa-Eucomsa-Perú	Seville (ES)	6.90	100	Abeinsa, Ing y Const. Ind., S.A./Europea de Construcc. Metálicas, S.A.		(1)	-
Ute Inst. Clima Hospital Costa del Sol	Málaga (ES)	3.00	50	Instalaciones Inabensa, S.A.		(1)	-
UTE Las Bambas	Seville (ES)	6.00	100	Abeinsa, Ing y Const. Ind., S.A. /Abencor Suministros, S.A.		(1)	-
UTE Lubet Cádiz	Cádiz (ES)	-	75	Construcciones y Depuraciones, S.A.		(1)	-
UTE Mantenimiento Presas	Málaga (ES)	2.10	35	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Marismas Construcción	Seville (ES)	12.00	100	Abeinsa Infraestructuras Medio Ambiente, S.A /Construcciones y Depuraciones, S.A.(Codesa)		(1)	-
UTE Ojén Mijas	Málaga (ES)	-	70	Construcciones y Depuraciones, S.A.		(1)	-
UTE Reus	Cataluña (ES)	3.90	65	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Riegos Marismas	Seville (ES)	5.94	99	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Sallent	Cataluña (ES)	3.00	50	Abeinsa Infraestructuras Medio Ambiente, S.A.		(1)	-
UTE Skikda	Algeria (AR)	2.00	67	Abeinsa Infraestructuras Medio Ambiente, S.A /Construcciones y Depuraciones, S.A.		(1)	-
UTE Skikda O&M	Algeria (AR)	2.01	67	Construcciones y Depuraciones, S.A./ Abengoa Water S.L.		(1)	-
UTE Tenés	Algeria (AR)	6.00	100	Abeinsa Infraestructuras Medio Ambiente, S.A /Construcciones y Depuraciones, S.A.		(1)	-
Ute Tenes O&M	Algeria (AR)	4.80	100	Construcciones y Depuraciones, S.A./ Abengoa Water S.L.		(1)	-
Utrera	Seville (ES)	3.01	50	Abengoa Water S.L.		(1)	-

## Appendix XIV.- Temporary Joint Ventures included in the 2017 Consolidation Perimeter using the proportional integration method (continuation)

Company Name	Registered Address	Shareholding		Parent Company	(*)	Activity	Auditor
		Amount in thousands of €	% of Nominal Capital				
Winterra-Inabensa Sarriá	Compostela (ES)	2.00	30	Instalaciones Inabensa, S.A.		(1)	-
Winterra-Inabensa Monterroso	Compostela (ES)	6.00	30	Instalaciones Inabensa, S.A.		(1)	-
Zonas Deportivas La Nucia	Alicante (ES)	4.00	100	Instalaciones Inabensa, S.A.		(1)	-

(\*) Companies incorporated or acquired and consolidated for the first time in the year.

(1) Operating segment activities area: Engineering and Construction.

(2) Operating segment activities area: Transmission.

(3) Operating segment activities area: Solar.

(4) Operating segment activities area: Water.

(5) Operating segment activities area: Cogeneration and others.

(6) Operating segment activities area: Bioenergy.

A Audited by PricewaterhouseCoopers Auditores.

B Audited by Deloitte.

C Others.



## Appendix XV.- Companies with Electricity Operations included in the 2017 Consolidation Perimeter

Company Name	Registered Address	Activity (*)	Comments
Abengoa Bioenergy Biomass of Kansas, LLC.	Kansas (US)	3	In operation
Abengoa Bioenergía Agroindustria, Ltda.	Sao Paulo (BR)	3	In operation
Abengoa Cogeneração de Energia II, S.A.	R. de Janeiro (BR)	9	Construction phase
Abengoa Cogeneración Tabasco, S. de R.L. de C.V.	Mexico D.F. (MX)	3	In operation
Abengoa Transmisión Norte, S.A.	Lima (PE)	9	In operation
Abengoa Transmisión Sur, S.A.	Lima (PE)	9	In operation
Abent 3T, S.A.P.I. de C.V.	Mexico D.F. (MX)	3	Construction phase
ACC 4T, S.A.P.I. de C.V.	Mexico D.F. (MX)	3	Construction phase
Aguas de Skikda	Argel (DZ)	7	In operation
Aprovechamientos Energéticos Furesa, S.A.	Murcia (ES)	1	In operation
Arizona Solar One, LLC	Colorado (US)	6	In operation
ATE VI Campos Novos Transmissora de Energia ,S.A	R. de Janeiro (BR)	9	In operation
ATE VII- Foz do Iguaçu Transmissora de Energia, S.A.	R. de Janeiro (BR)	9	In operation
ATE VIII Transmissora de Energia, S.A.	R. de Janeiro (BR)	9	In operation
ATE XI, Manaus Transmissora de Energia	R. de Janeiro (BR)	9	In operation
ATE XIII, Norte Brasil Transmissora de Energia S.A	R. de Janeiro (BR)	9	In operation
ATE XIX Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVI Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XVIII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XX Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXI Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXIII Transmissora de Energia S.A.	R. de Janeiro (BR)	9	Construction phase
ATE XXIV Transmissora de Energia, S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVI Transmissora de Energia S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVII Transmissora de Energia, S.A.	Rio de Janeiro (BR)	9	Construction phase
ATE XXVIII Transmissora de Energia S.A.	Rio de Janeiro (BR)	9	Construction phase
ATN 1, S.A.	Lima (PE)	9	In operation
ATN 2, S.A.	Lima (PE)	9	In operation
ATN 3, S.A.	Lima (PE)	9	Construction phase
Cadonal, S.A.	Montevideo (UY)	2	In operation
Cogeneración Villaricos, S.A.	Seville (ES)	1	In operation
Copero Solar Huerta Uno, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Dos, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Tres, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Cuatro, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Cinco, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Seis, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Siete, S.A.	Seville (ES)	5	In operation

Company Name	Registered Address	Activity (*)	Comments
Copero Solar Huerta Ocho, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Nueve, S.A.	Seville (ES)	5	In operation
Copero Solar Huerta Diez, S.A.	Seville (ES)	5	In operation
CSP Atacama Dos, S.A	Santiago de Chile (CL)	6	Construction phase
DGEN Transmission Company, Ltd.	N. Delhi (IN)	9	Construction phase
Fotovoltaica Solar Sevilla, S.A.	Seville (ES)	5	In operation
Helioenergy Electricidad Uno, S.A.	Seville (ES)	6	In operation
Helioenergy Electricidad Dos, S.A.	Seville (ES)	6	In operation
Helios I Hyperion Energy Investments, S.L.	Seville (ES)	6	In operation
Helios II Hyperion Energy Investments, S.L.	Madrid (ES)	6	In operation
Honaine	Argel (DZ)	7	In operation
Inabensa Fotovoltaica, S.L.	Seville (ES)	5	In operation
Iniciativas Hidroeléctricas, S.A.	Seville (ES)	7	In operation
Iniciativas Hidroeléctricas de Aragón y Cataluña, S.L.	Huesca (ES)	7	In operation
Instalaciones Fotovoltaicas Torrecuellar, 1 S.L.	Seville (ES)	5	In operation
Instalaciones Fotovoltaicas Torrecuellar, 2 S.L.	Seville (ES)	5	In operation
Instalaciones Fotovoltaicas Torrecuellar, 3 S.L.	Seville (ES)	5	In operation
Kaxu Solar One (Pty) Ltd.	Gauteng (ZA)	6	In operation
Khi Solar One (Pty) Ltd.	Gauteng (ZA)	6	In operation
Linares Fotovoltaica, S.L.	Seville (ES)	5	In operation
Londrina Transmissora De Energia, S.A.	R. de Janeiro (BR)	9	In operation
Marudhara Akshay Urja Private Limited	Maharashtra (IN)	6	Construction phase
Marusthal Green Power Private Limited	Maharashtra (IN)	6	Construction phase
Mojave Solar LLC	Colorado (US)	6	In operation
Palmatir, S.A.	Montevideo (UY)	2	In operation
Palmucho, S.A.	Santiago de Chile (CL)	9	In operation
Procesos Ecológicos Vilches, S.A.	Seville (ES)	3	In operation
Puerto Real Cogeneración, S.A.	Seville (ES)	3	In operation
Rajasthan Photon Energy Pvt Ltd	Maharashtra (IN)	6	Construction phase
Sanlúcar Solar, S.A.	Seville (ES)	6	In operation
Sao Mateus Transmissora de Energia, Ltda.	R. de Janeiro (BR)	9	In operation
Solaben Electricidad Uno, S.A.	Cáceres (ES)	6	In operation
Solaben Electricidad Dos, S.A.	Cáceres (ES)	6	In operation
Solaben Electricidad Tres, S.A.	Cáceres (ES)	6	In operation
Solaben Electricidad Seis, S.A.	Badajoz (ES)	6	In operation
Solacor Electricidad Uno, S.A.	Seville (ES)	6	In operation
Solacor Electricidad Dos, S.A.	Seville (ES)	6	In operation
Solar de Receptores de Andalucía, S.A.	Seville (ES)	5	In operation
Solar Power Plant One	Argel (DZ)	5	In operation
Solar Processes, S.A.	Seville (ES)	6	In operation

## Appendix XV.- Companies with Electricity Operations included in the 2017 Consolidation Perimeter (continuation)

Company Name	Registered Address	Activity (*)	Comments
Solargate Electricidad Tres, S.A.	Seville (ES)	6	Construction phase
Solargate Electricidad Cuatro, S.A.	Seville (ES)	6	Construction phase
Solnova Electricidad, S.A.	Seville (ES)	6	In operation
Solnova Electricidad Tres, S.A.	Seville (ES)	6	In operation
Solnova Electricidad Cuatro, S.A.	Seville (ES)	6	In operation
Transmisora Baquedano, S.A.	Santiago de Chile (CL)	9	In operation
Transmisora Mejillones, S.A.	Santiago de Chile (CL)	9	In operation
Xina Solar One (Rf) (Pty), Ltd.	Gauteng (ZA)	6	In operation

(1) Production under Special Regime: Cogeneration. Primary energy type: Fuel.

(2) Production under Special Regime: Wind. Primary energy type: Wind.

(3) Includes production under Special Regime: Cogeneration. Primary energy type: Natural gas.

(4) Production under Special Regime: Cogeneration. Primary energy type: Natural gas.

(5) Production under Special Regime: Solar Photovoltaic. Primary energy type: Solar light.

(6) Production under Special Regime: Solar. Primary energy type: Solar light.

(7) Production under Special Regime: Hydraulic. Primary energy type: Water.

(8) Production under Special Regime: Other. Primary energy type: Industrial waste (used oils).

(9) Transport.

(10) Electricity production: Based on hydrogen. Primary type of energy: Hydrogen.

## Appendix XVI.- Companies taxed under the Special Regime for Company Groups at 12.31.17

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Abengoa S.A.	Seville (ES)	Parent Company
A3T Holdco España, S.A	Seville (ES)	Abener Energía, S.A./ Negocios Industriales y Comerciales, S.A. (Nicsa)
Abeinsa Asset Management, S.L.	Seville (ES)	Abener Energía, S.A./Negocios Industriales y Comerciales, S.A.
Abeinsa Business Development, S.A.	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A./ Negocios Industriales y Comerciales, S.A.
Abeinsa Engineering S.L.	Seville (ES)	Abener Energía
Abeinsa EPC, S.A.	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial S.A./Teyma Gest. Ctos. de Const. e Ing. S.A.
Abeinsa Infraestructuras Medio Ambiente, S.A	Seville (ES)	Abeinsa Business Development, S.A. / Negocios Industriales y Comerciales, S.A.
Abeinsa, Ingeniería y Construcción Industrial, S.A.	Seville (ES)	Abengoa, S.A./Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)
Abeinsa Inversiones Latam, S.L.	Seville (ES)	Asa Iberoamérica, S.L./Abeinsa Ingeniería y Construcción Industrial, S.A.
Abeinsa Operation and Maintenance, S.A.	Seville (ES)	Abeinsa Ing. y Const. Industrial, S.A./Negocios Industriales y de Construcción, S.A.
Abencor Suministros S.A.	Seville (ES)	Nicsa /Abeinsa
Abener Argelia, S.L.	Seville (ES)	Abener Energía, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.
Abener Energía, S.A.	Seville (ES)	Abeinsa, Ing. y Const., S.A./Abeinsa Business Development, S.A./Negocios Ind. y Com., S.A.
Abengoa Abenewco 1, S.A.	Seville (ES)	Abengoa Abenewco 2, S.A.
Abengoa Abenewco 2, S.A.	Seville (ES)	Abengoa S.A.
Abengoa Bioenergía Biodiesel, S.A.	Seville (ES)	Abengoa Bioenergía Inversiones, S.A./Ecoagrícola, S.A.
Abengoa Bioenergía Inversiones, S.A.	Seville (ES)	Abengoa Bioenergía, S.A./Abengoa Bioenergía Nuevas Tecnologías, S.A.
Abengoa Bioenergía Nuevas Tecnologías, S.A.	Seville (ES)	Abengoa Bioenergía, S.L./Instalaciones Inabensa, S.A.
Abengoa Bioenergía, S.A.	Seville (ES)	Abengoa, S.A./Sociedad Inversora Energía y Medio Ambiente, S.A.
Abengoa Concessions, S.L.	Seville (ES)	Abengoa, S.A./Siema
Abengoa Energía S.A.	Seville (ES)	Abengoa Solar, S.A./Abengoa Solar España, S.A.
Abengoa Energía Atacama CSP, S.L.U.	Seville (ES)	Abengoa Energía S.A
Abengoa Energy Crops, S.A.	Seville (ES)	Abengoa, S.A./ Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)
Abengoa Finance, S.A.	Seville (ES)	Abengoa, S.A.
Abengoa Greenbridge, S.A.U.	Seville (ES)	Abengoa, S.A.
Abengoa Greenfield S.A.U.	Seville (ES)	Abengoa, S.A.
Abengoa Hidrógeno, S.A.	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A./ Instalaciones Inabensa, S.A.
Abengoa Inversiones Mexico, S.L.	Seville (ES)	Abengoa PW I Investments, S.L.
Abengoa Inversiones Spain, S.L.	Seville (ES)	Abengoa PW I Investments, S.L.
Abengoa Inversiones Sudamérica, S.L.	Seville (ES)	Abengoa Inversiones Sudamérica, S.L.
Abengoa Inversiones Uruguay, S.L.	Seville (ES)	Abengoa PW I Investments, S.L.
Abengoa PW I Investments, S.L.	Seville (ES)	Abeinsa, Ing y Const. Ind., S.A.
Abengoa PW II Investments, S.L	Seville (ES)	Abeinsa, Ing y Const. Ind., S.A.
Abengoa SeaPower, S.A.	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A./Instalaciones Inabensa, S.A.
Abengoa Solar España, S.A.	Seville (ES)	Abengoa Solar, S.A./Abengoa Solar New Technologies, S.A.
Abengoa Solar Extremadura, S.A.	Cáceres (ES)	Abengoa Solar España, S.A./Abengoa Solar New Technologies, S.A.
Abengoa Solar Internacional, S.A.	Seville (ES)	Abengoa Solar, S.A./ Abengoa Solar España, S.A.
Abengoa Solar Middle East Holding, S.L	Seville (ES)	Abengoa Solar Internacional, S.A./ Abengoa Solar España, S.A
Abengoa Solar New Technologies, S.A.	Seville (ES)	Abengoa Solar, S.A./ Abengoa Solar España, S.A.

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Abengoa Solar, S.A.	Seville (ES)	Abengoa, S.A./Abengoa Solar España, S.A.
Abengoa Solar Ventures S.A	Seville (ES)	Abengoa Solar, S.A./ Abengoa Solar España, S.A.
Abengoa Water Agadir, S.L.U.	Seville (ES)	Abengoa Water, S.L.
Abengoa Water, S.L.	Seville (ES)	Abengoa, S.A./ Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)
Abengoa Water Dalian, S.L.U.	Seville (ES)	Abengoa Water, S.L.
Abengoa Water Internacional, S.L.U.	Seville (ES)	Abengoa Water, S.L.
Abengoa Water Nungua, S.L.U.	Seville (ES)	Abengoa Water, S.L.U.
Abengoa Water Taiwan, S.L.U.	Seville (ES)	Abengoa Water, S.L.
Abentel Telecomunicaciones, S.A.	Seville (ES)	Abener Energía, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.
Aprovechamientos Energéticos Furesa, S.A.	Murcia (ES)	Abeinsa Asset Management, S.L.
Asa Iberoamérica, S.L.	Seville (ES)	Soc. Inv. Energía y Medio Ambiente, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.
Befesa Agua Djerba, S.L. (AW Takoradi)	Seville (ES)	Abengoa Water, S.L.
Befesa Agua Tenes S.L.	Seville (ES)	Abengoa Water S.L.
Befesa CTA Qingdao, S.L.U	Madrid (ES)	Abengoa Water, S.L.
Captación Solar, S.A.	Seville (ES)	Abeinsa Asset Management, S.L./Abener Energía, S.A.
Captasol Fotovoltaica 1, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 2, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 3, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 4, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 5, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 6, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 7, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 8, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 9, S.L	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 10, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 11, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 12, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 13, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 14, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 15, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 16, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 17, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 18, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 19, S.L.	Seville (ES)	Abengoa Solar España, S.A./Casaquemada Fotovoltaica, S.L.
Captasol Fotovoltaica 20, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 21, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 22, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 23, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 24, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 25, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.

## Appendix XVI.- Companies taxed under the Special Regime for Company Groups at 12.31.17 (continuation)

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Captasol Fotovoltaica 26, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 27, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 28, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 29, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 30, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 31, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 32, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 33, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 34, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 35, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 36, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 37, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Captasol Fotovoltaica 38, S.L.	Seville (ES)	Abengoa Solar España, S.A./Linares Fotovoltaica, S.L.
Casaquemada Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A./Abengoa Solar, S.A.
Centro Tecnológico Palmas Altas, S.A.	Seville (ES)	Abengoa, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.
Construcciones y Depuraciones, S.A.(Codesa)	Seville (ES)	Abeinsa Asset Management, S.L.
Covisa, Cogeneración Villaricos, S.A.	Seville (ES)	Abeinsa Asset Management, S.L.
Europea de Construcciones Metálicas, S.A. (Eucomsa)	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A./Abengoa Solar, S.A.
Gestión Integral de Recursos Humanos, S.A.	Seville (ES)	Siema Technologies, S.L.
Inabensa Fotovoltaica, S.L.	Seville (ES)	Instalaciones Inabensa, S.A./C.I.L. Torrecuéllar, S.A.
Instalaciones Fotovoltaicas Torrecuéllar, 1 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.
Instalaciones Fotovoltaicas Torrecuéllar, 2 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.
Instalaciones Fotovoltaicas Torrecuéllar, 3 S.L.	Seville (ES)	Inabensa Fotovoltaica, S.L./Instalaciones Inabensa, S.A.
Instalaciones Inabensa, S.A.	Seville (ES)	Nicsa/Abener Energía, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.
Las Cabezas Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A./Abengoa Solar, S.A.
Linares Fotovoltaica, S.L.	Seville (ES)	Abengoa Solar España, S.A./Abengoa Solar, S.A.
Marismas PV A1, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A2, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A3, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A4, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A5, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A6, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A7, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A8, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A9, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A10, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A11, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A12, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A13, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A14, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Marismas PV A15, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A16, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A17, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV A18, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B1, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B2, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B3, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B4, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B5, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B6, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B7, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B8, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B9, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B10, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B11, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B12, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B13, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B14, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B15, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B16, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B17, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV B18, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C1, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C2, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C3, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C4, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C5, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C6, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C7, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C8, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C9, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C10, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C11, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C12, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C13, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C14, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C15, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C16, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C17, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV C18, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.

## Appendix XVI.- Companies taxed under the Special Regime for Company Groups at 12.31.17 (continuation)

Abengoa Tax Group Number 02/97		
Company Name	Tax Address	Shareholding
Marismas PV E1, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV E2, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
Marismas PV E3, S.L.	Seville (ES)	Las Cabezas Fotovoltaica, S.L./Abengoa Solar España, S.A.
NEA Solar O&M, S.A.	Seville (ES)	Abengoa Solar, S.A./Abengoa Solar España, S.A.
NEA Solar Power, S.A.	Seville (ES)	Abengoa Solar, S.A./Abengoa Solar España, S.A.
Nicsa, Negocios Industr. y Comer. S.A.	Madrid (ES)	Abencor /Abeinsa
Omega Sudamérica, S.L.	Seville (ES)	Instalaciones Inabensa, S.A./ASA Iberoamérica S.A.
Power & Railway Solutions, S.L.	Seville (ES)	Instalaciones Inabensa, S.A.
Puerto Real Cogeneración, S.A.	Seville (ES)	Abeinsa Asset Management, S.L.
Simosa, Serv. Integ. Manten y Operac., S.A.	Seville (ES)	Negocios Industriales y Comerciales, S.A./Abengoa, S.A.
Siema Investment, S.L.U.	Madrid (ES)	Siema Technologies, S.L.
Siema Technologies, S.L.	Madrid (ES)	Abengoa, S.A./Siema AG
Simosa I.T., S.A.	Seville (ES)	Abengoa, S.A./Simosa, S.A.
Sociedad Inversora en Energía y Medioambiente, S.A. (Siema)	Seville (ES)	Abengoa, S.A./Negocios Industriales y Comerciales, S.A.
Sociedad Inversora Lineas de Brasil, S.L. (ETVE)	Seville (ES)	Asa Iberoamérica
Solargate Electricidad Tres, S.A.	Seville (ES)	Abengoa Solar España, S.A./Abengoa Solar NT, S.A.
Solargate Electricidad Cuatro, S.A.	Seville (ES)	Abengoa Solar España, S.A./Abengoa Solar NT, S.A.
South Africa Solar Investments, S.L.	Seville (ES)	Abengoa Solar Internacional, S.A./ Abengoa Solar, S.A.
South Africa Solar Ventures, S.L.	Seville (ES)	Abengoa Solar Internacional, S.A./Abengoa Solar Ventures, S.A.
Teyma, Gestión de Contratos de Construcción e Ingeniería, S.A.	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A.
Zero Emissions Technologies, S.A. (Zeroemissions)	Seville (ES)	Abeinsa Ingeniería y Construcción Industrial, S.A./Abengoa Hidrógeno, S.A.
Zeroemissions Carbon Trust, S.A.	Seville (ES)	Zeroemissions Technologies, S.A./Abeinsa Ingeniería y Construcción Industrial, S.A.